Key to Proformas

The outline proforma below provides guidance on the information that is provided in each section of the assessment form.

Licence block: The unique reference number of the licence block

Granting of licence proposed: Yes / No - this is based on the HRA only; other factors will also determine whether the licence is ultimately issued

Conditions proposed for the licence

Here we recommend any licence conditions that should be imposed to prohibit the carrying out of specified activities (Stage A, B, C or D) to ensure no adverse effect on integrity (AEOI) on any European site.

Advice proposed with the licence

This advice relates to "buffer zones". Buffer zones are defined as areas that lie outside the designated area of a European site but which can play an important role in maintaining the conservation status of one or more of a site's qualifying interest features. A buffer zone, for example, could be land that is used for foraging by the European site's population of birds or bats – the birds or bats being its interest feature. Consequently, a buffer zone is treated by this assessment as a potentially sensitive area of land because of its proximity to a European site or its potential connectivity to a European site but, nevertheless, an area of land within which we have concluded that Stage A, B, C or D activities will be possible without AEOI on the adjacent European site. Accordingly, the advice notice will not be a formal licence condition. The advice will only highlight the potential sensitivity of the buffer zone (due to its proximity to the European site or its potential connectivity to a European site) and the fact that mitigation and/or alternative siting may therefore be required by planning authorities and possibly other permitting bodies further considering HRA issues for specific project-level operations.

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site		Can Stage	A, B, C or	D activitie	es be carrie	ed out with	out AEOI?		Notes
mann and Electrice Electric a manna return,	within	If acti	vity is withi	n European	site?	If activ	vity is outsic	le Europeai	n site?	
	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
This column lists the European sites that are within, or within 10km of, the licence block and the interest features of those sites. For Ramsar sites, the designation Criteria that the site meets are summarised (so, for example, an estuarine site designated for its overwintering bird populations might meet Criterion 5 ('regularly supports 20,000 or more waterbirds') and Criterion 6 ('regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds')), but the	2	C or D act each Euro the impac activity — Stage B, C activities on the int European without A	pean site opean site of activi i.e. wheth and D ac that can be erest feat site are a sEOI. Outs	carried out, and for e ty on the ler it is ins tivities with the carried cures of the lso not co- ide of a Eu	t without ach type of European ide or out thin a European e site in quisidered turopean si	AEOI?" for of activity site based side the Expean site ut AEOI. In uestion, So to be activite, at this	ove question reach interpretation (A, B, C, D) I on the loouropean signare not consome instage A actificities that constrategic possess can be consorted.	erest featu). It also as cation of t ite. In all ir onsidered tances, de vities with can be carr olan level,	ssesses he nstances, to be pending nin a ried out it is our	The notes provide a summary of the overall assessment for each European site (based on its interest features and location relative to the licence block) and provides guidance on the conditions that are recommended as a result.
specific details of the citation are not noted. These are available from http://jncc.defra.gov.uk/page-4 if required.										

Licence block: NZ51

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: North York Moors SPA.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Teesmouth & Cleveland Coast Ramsar, Teesmouth and Cleveland Coast SPA (including proposed extension areas), North York Moors SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites with features potentially vulnerable to this in or near this block are Teesmouth & Cleveland Coast Ramsar, Teesmouth and Cleveland Coast SPA (including proposed extension areas), North York Moors SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant Furopean Sites

Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within		Can Sta	ge A, B, C	or D activitie	es be carrie	d out withou	it AEOI?		Notes
within 10km)	block?	If ac	ctivity is withi	n European	site?	If ac	tivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Teesmouth & Cleveland Coast Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	res	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.

Assessment of Effects on										
Relevant European Sites Designated Sites and Interest Features	Is Euro. site		Can Sta	age A, B, C o	or D activitie	es be carrie	d out withou	ıt AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If ac	ctivity is with	in European	site?	If ac	tivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Teesmouth and Cleveland Coast SPA	No		•	•	•	•	•	•	•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Red knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Great cormorant (Phalacrocorax carbo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern shoveler (Anas clypeata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sandwich tern (Sterna sandvicensis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Little tern (Sterna albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Teesmouth and Cleveland Coast draft SPA extension Avocet (Recurvirostra avosetta)	No	No	No	No	No	Yes	Yes	Yes	Yes	This extension is outside the licence block, but within 1km of the block boundary. Stage A, B, and D activities undertaken at depth (so that effects do not register at surface) are not
Common tern (Sterna hirundo)		No	No	No	No	Yes	Yes	Yes	Yes	considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Common terri (Sterria mirundo)		INU	INU	INU	INU	165	162	162	162	,
North York Moors SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth
Merlin (Falco columbarius)		No	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
European golden plover (Pluvialis apricaria)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
North York Moors SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at deptl
Northern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result
Blanket bogs (priority feature if active bog)		Yes	No	No	No	Yes	Yes	Yes	Yes	in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: NZ52b			
Granting of licence proposed?: Yes	s		
Conditions proposed for the licence	е		
Stage A, B, C and D activities will be prohibited at or nea	r to the surface within the boundaries of all European	sites in this block.	
Advice proposed with the licence			
The following advice is given:			
- This block has European sites within it, or within 1km of mitigation and/or alternative siting may be required by au			of a potentially sensitive nature (due to its proximity to the European site) such that
itself. Land within 10km of an SPA, or a Ramsar site des	signated for its bird populations, is therefore considere or specific project-level operations. The European site	ed to be of a potentially sensitive nature (due to its es potentially vulnerable in or near this block are N	aries, and so could be vulnerable to activities occurring outside the designated site sproximity to the European site) such that mitigation and/or alternative siting may be Northumbria Coast Ramsar, Teesmouth & Cleveland Coast Ramsar, Teesmouth and
of a European site supporting noise or vibration sensitive	re features is considered to be of a potentially sensitive ions. The European sites with features potentially vuln	e nature (due to its proximity to the European site)	e A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further a Coast Ramsar, Teesmouth & Cleveland Coast Ramsar, Teesmouth and Cleveland
- More detailed information relating to designated sites ta	aken into account in this assessment can be viewed!	y accessing the following link: http://jncc.defra.go	v.uk/page-4
- The location of the block and the relevant European site	es are illustrated on the corresponding map in Appen	sik E.	
A			
Assessment of Effects on Relevant European Sites			
Designated Sites and Interest Features Is Euro. s	site Can Stage A, B, C or D activit	ies be carried out without AEOI?	Notes

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within					es be carrie				Notes
within 10km)	block?	If activity is within European site?			If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Northumbria Coast Ramsar	No					•				This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within		Can Sta	age A, B, C	or D activitie	es be carrie	d out withou	it AEOI?		Notes				
within 10km)	block?	If ac	ctivity is withi	n European	site?	If ac	tivity is outsi	de Europear	n site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					
Teesmouth & Cleveland Coast Ramsar	Yes				-	•				This site is present within the licence block. Stage A, B, C and D activities undertaken at de				
Criterion 5 - regularly supports 20,000 or more		No	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:				
waterbirds Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice prothe licence' section (above) should be noted.				
Teesmouth and Cleveland Coast SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at dep				
Red knot (Calidris canutus)		No	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With				
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to				
Great cormorant (Phalacrocorax carbo)		No	No	No	No	Yes	Yes	Yes	Yes	result in AEOI – see 'Conditions proposed for the licence' (above).				
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with licenses' section (Above) should be noted				
Eurasian teal (Anas crecca)		No	No	No	No	Yes	Yes	Yes	Yes	the licence' section (above) should be noted.				
Northern shoveler (Anas clypeata)		No	No	No	No	Yes	Yes	Yes	Yes					
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes					
Sanderling (Calidris alba)		No	No	No	No	Yes	Yes	Yes	Yes					
Sandwich tern (Sterna sandvicensis)		No	No	No	No	Yes	Yes	Yes	Yes					
Little tern (Sterna albifrons)		No	No	No	No	Yes	Yes	Yes	Yes					
Teesmouth and Cleveland Coast draft SPA extension	Yes	No	No	No	No	Voo	Yes	Yes	Voo	As for Teesmouth and Cleveland Coast SPA				
Avocet (Recurvirostra avosetta) Common tern (Sterna hirundo)		No No	No	No	No No	Yes Yes	Yes	Yes	Yes Yes					
Common terri (Sterria mirando)		NO	INO	INO	NO	165	165	165	165					
Northumbria Coast SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and				
Little tern (Sterna albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice propose				
Ruddy turnstone (Arenaria interpres)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.				
Purple sandpiper (Calidris maritima)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
North York Moors SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and				
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered				
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice propose with the licence' section (above) should be noted.				
										man are not not occurred activities and activities activities and activities and activities activities and activities activities and activities activities activities and activities activities activities and activities act				
Durham Coast SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and				
egetated sea cliffs of the Atlantic and Baltic Coasts		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice propose with the licence' section (above) should be noted.				
North York Moors SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and activities undertaken at depth (so that effects do not register at surface) are not considered				
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice propose				
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.				
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					

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_			٠.													

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage A, B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Teesmouth & Cleveland Coast Ramsar, Teesmouth and Cleveland Coast SPA (including proposed extension areas), North York Moors SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites with features potentially vulnerable to this in or near this block are Teesmouth & Cleveland Coast Ramsar, Teesmouth and Cleveland Coast SPA (including proposed extension areas), North York Moors SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within		Can Sta	ige A, B, C	or D activitie	es be carrie	d out withou	it AEOI?		Notes
within 10km)	block?	If ac	ctivity is withi	n European	site?	If act	tivity is outsi	de Europear	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Teesmouth & Cleveland Coast Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	res	(so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds	S	No	No	No	No	Yes	Yes	Yes		- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can Sta	age A, B, C	or D activitie	es be carrie	d out withou	ut AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	ctivity is with	in European	site?	If ac	tivity is outsi	de Europear	n site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Teesmouth and Cleveland Coast SPA	Yes	•	•	•	•	•	•	•	•	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth
Red knot (Calidris canutus)		No	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to
Great cormorant (Phalacrocorax carbo)		No	No	No	No	Yes	Yes	Yes	Yes	result in AEOI – see 'Conditions proposed for the licence' (above).
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Eurasian teal (Anas crecca)		No	No	No	No	Yes	Yes	Yes	Yes	the hounds seed on (above) should be noted.
Northern shoveler (Anas clypeata)		No	No	No	No	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		No	No	No	No	Yes	Yes	Yes	Yes	
Sandwich tern (Sterna sandvicensis)		No	No	No	No	Yes	Yes	Yes	Yes	
Little tern (Sterna albifrons)		No	No	No	No	Yes	Yes	Yes	Yes	
Teesmouth and Cleveland Coast draft SPA extension	Yes									As for Teesmouth and Cleveland Coast SPA
Avocet (Recurvirostra avosetta)		No	No	No	No	Yes	Yes	Yes	Yes	
Common tern (Sterna hirundo)		No	No	No	No	Yes	Yes	Yes	Yes	
North York Moors SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
North York Moors SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: NZ90

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European site(s) in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are North York Moors SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are North York Moors SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessmei	nt of Effe	cts on
Relevant E	uropean	Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?												
10km)		If a	If activity is within European site? If activity is outside Euro											
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					
North York Moors SPA	No													
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Beast Cliff – Whitby (Robin Hood`s Bay) SAC	Yes													
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes					

This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activitie undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Notes

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the following should be noted:

- Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above).
- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Relevant European Sites Designated Sites and Interest Features Spresent within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
10km)	Within block:	If activity is within European site?				If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
lorth York Moors SAC	No			•						This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes		undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Duddon Estuary Ramsar, Morecambe Bay Ramsar, Duddon Estuary SPA, Morecambe Bay SPA.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Duddon Estuary Ramsar, Morecambe Bay Ramsar, Duddon Estuary SPA, Morecambe Bay SPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Duddon Estuary Ramsar, Morecambe Bay Ramsar, Morecambe Bay SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Duddon Estuary Ramsar, Morecambe Bay Ramsar, Duddon Estuary SPA, Morecambe Bay SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link; http://incc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?											
10km)		If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D				
Duddon Estuary Ramsar	Yes												
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes				
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes				
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes				
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		Yes	No	No	No	Yes	Yes	Yes	Yes				

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:

- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above).
- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Notes

Assessment of Effects on											
Relevant European Sites											
· ·	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes	
(present within the Licence Block or within	within block?	If a	activity is with	in Furonean s	site?	l If a	ctivity is outsi	de Furonean s	site?		
10km)				Laropour c							
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Morecambe Bay Ramsar	Yes						<u> </u>			This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that	
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:	
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the 	
Criterion 5 - regularly supports 20,000 or more waterbirds	.	No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.	
Duddon Estuary SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that	
Sandwich tern (Sterna sandvicensis)	res	No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at	
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted:	
Red knot (Calidris canutus)		No	No	No	No	Yes	Yes	Yes	Yes	 Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). 	
Northern pintail (Anas acuta)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the	
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.	
Morecambe Bay SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that	
Northern pintail (Anas acuta)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:	
Seabird assemblage		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in	
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).	
Red knot (Calidris canutus)		No	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted. 	
Sandwich tern (Sterna sandvicensis)		No	No	No	No	Yes	Yes	Yes	Yes		
Ruddy turnstone (Arenaria interpres)		No	No	No	No	Yes	Yes	Yes	Yes		
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes		
Eurasian curlew (Numenius arquata)		No	No	No	No	Yes	Yes	Yes	Yes		
Pink-footed goose (Anser brachyrhynchus)		No	No	No	No	Yes	Yes	Yes	Yes		
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes		
Grey plover (Pluvialis squatarola)		No	No	No	No	Yes	Yes	Yes	Yes		
Ringed plover (Charadrius hiaticula)		No	No	No	No	Yes	Yes	Yes	Yes		
Eurasian oystercatcher (Haematopus ostralegus)		No	No	No	No	Yes	Yes	Yes	Yes		
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes		
Bar-tailed godwit (Limosa lapponica)		No	No	No	No	Yes	Yes	Yes	Yes		

Assessment of Effects on									
Relevant European Sites									
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activiti	es be carried	d out without	AEOI?	
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European :	site?	lf a	activity is outs	ide European	site?
<i>Giany</i>		04	, 1 04 D	, 1 04 0		04		1 04 0	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D
Morecambe Bay SAC	Yes								
Sandbanks which are slightly covered by sea water all the time		Yes	No	No	No	Yes	Yes	Yes	Yes
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes
Mudflats and sandflats not covered by seawater at low		Yes	No	No	No	Yes	Yes	Yes	Yes
ide									
Coastal lagoons		Yes	No	No	No	Yes	Yes	Yes	Yes
Large shallow inlets and bays		Yes	No	No	No	Yes	Yes	Yes	Yes
Reefs Perennial vegetation of stony banks		Yes Yes	No No	No No	No No	Yes Yes	Yes Yes	Yes Yes	Yes Yes
Salicornia and other annuals colonizing mud and sand		Yes	No	No	No	Yes	Yes	Yes	Yes
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		Yes	No	No	No	Yes	Yes	Yes	Yes
tuante sur measons (clause i acomenicana manamae)		100	110	140	110	100	100	100	100
Embryonic shifting dunes		Yes	No	No	No	Yes	Yes	Yes	Yes
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes
Fixed coastal dunes with herbaceous vegetation ("grey dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes
Atlantic decalcified fixed dunes (Calluno-Ulicetea)		Yes	No	No	No	Yes	Yes	Yes	Yes
Dunes with Salix repens ssp. argentea (Salicion arenariae)		Yes	No	No	No	Yes	Yes	Yes	Yes
Humid dune slacks		Yes	No	No	No	Yes	Yes	Yes	Yes
Great crested newt (Triturus cristatus)		Yes	No	No	No	Yes	Yes	Yes	Yes

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Duddon Estuary Ramsar, Duddon Estuary SPA.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Duddon Estuary Ramsar, Morecambe Bay Ramsar, Duddon Estuary SPA, Morecambe Bay SPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Duddon Estuary Ramsar, Morecambe Bay Ramsar, Morecambe Bay SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Duddon Estuary Ramsar, Morecambe Bay Ramsar, Duddon Estuary SPA, Morecambe Bay SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment	of Effects on
Relevant Fur	onean Sites

								A company of the comp	A contract of the contract of				
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?												
10km)		If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D				
Duddon Estuary Ramsar	Yes												
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes				
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes				
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes				
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	,	Yes	No	No	No	Yes	Yes	Yes	Yes				

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:

- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).

Notes

- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Assessment of Effects on										
Relevant European Sites										
	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Morecambe Bay Ramsar	No		•	•	•	•	•	•		This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be holed.
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Duddon Estuary SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Sandwich tern (Sterna sandvicensis)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
Red knot (Calidris canutus)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Northern pintail (Anas acuta)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	and seemen (accord) should be noted.
Morecambe Bay SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Northern pintail (Anas acuta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Seabird assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Red knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sandwich tern (Sterna sandvicensis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ruddy turnstone (Arenaria interpres)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Pink-footed goose (Anser brachyrhynchus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian oystercatcher (Haematopus ostralegus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Designated Sites and Interest Features (present within the Licence Block or within 10km) Stage	If activity is with					AEU? de European s Stage C Yes Yes Yes Yes Yes Yes Yes Ye	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI-see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Morecambe Bay SAC Stage / Morecambe Bay SAC Scandbanks which are slightly covered by sea water all the time Estuaries Mudflats and sandflats not covered by seawater at low tide Coastal lagoons Large shallow inlets and bays Reefs Perennial vegetation of stony banks Salicornia and other annuals colonizing mud and sand Atlantic salt meadows (Glauco-Puccinellietalia maritimae) Yes Embryonic shifting dunes Shifting dunes along the shoreline with Ammophila arenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea) Pes Dunes with Salix repens ssp. argentea (Salicion arenariae)	No N	No N	No N	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Morecambe Bay SAC Sandbanks which are slightly covered by sea water all the time Estuaries Yes Mudflats and sandflats not covered by seawater at low tide Coastal lagoons Large shallow inlets and bays Reefs Yes Perennial vegetation of stony banks Salicornia and other annuals colonizing mud and sand Yes Atlantic salt meadows (Glauco-Puccinellietalia maritimae) Yes Embryonic shifting dunes Shifting dunes along the shoreline with Ammophila arenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea) Yes Dunes with Salix repens ssp. argentea (Salicion arenariae)	No N	No No No No No No No No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Sandbanks which are slightly covered by sea water all the time Estuaries Mudflats and sandflats not covered by seawater at low tide Coastal lagoons Large shallow inlets and bays Yes Perennial vegetation of stony banks Salicornia and other annuals colonizing mud and sand Atlantic salt meadows (Glauco-Puccinellietalia maritimae) Yes Embryonic shifting dunes Shifting dunes along the shoreline with Ammophila arenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea) Yes Dunes with Salix repens ssp. argentea (Salicion Yes	No No No No No No No No	No No No No No No No	No No No No No No No No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
the time Estuaries Mudflats and sandflats not covered by seawater at low tide Coastal lagoons Large shallow inlets and bays Reefs Perennial vegetation of stony banks Salicornia and other annuals colonizing mud and sand Atlantic salt meadows (Glauco-Puccinellietalia maritimae) Embryonic shifting dunes Shifting dunes along the shoreline with Ammophila arenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea) Yes Dunes with Salix repens ssp. argentea (Salicion Yes Arenariae)	No No No No No No No No	No No No No No No No	No No No No No No No No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI-see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Mudflats and sandflats not covered by seawater at low tide Coastal lagoons Large shallow inlets and bays Reefs Perennial vegetation of stony banks Salicornia and other annuals colonizing mud and sand Yes Atlantic salt meadows (Glauco-Puccinellietalia maritimae) Yes Embryonic shifting dunes Shifting dunes along the shoreline with Ammophila arenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea) Yes Dunes with Salix repens ssp. argentea (Salicion Yes arenariae)	No	No No No No No No	No No No No No No No	Yes	Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
tide Coastal lagoons Large shallow inlets and bays Reefs Perennial vegetation of stony banks Salicornia and other annuals colonizing mud and sand Yes Atlantic salt meadows (Glauco-Puccinellietalia maritimae) Yes Embryonic shifting dunes Shifting dunes along the shoreline with Ammophila arenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea) Yes Dunes with Salix repens ssp. argentea (Salicion Yes arenariae)	No No No No No No	No No No No No	No No No No No	Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	
Large shallow inlets and bays Reefs Perennial vegetation of stony banks Salicornia and other annuals colonizing mud and sand Atlantic salt meadows (Glauco-Puccinellietalia maritimae) Embryonic shifting dunes Shifting dunes along the shoreline with Ammophila Yes Areararia ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea) Yes Dunes with Salix repens ssp. argentea (Salicion Yes arenariae)	No No No No No No	No No No No No	No No No No No	Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	
Reefs Yes Perennial vegetation of stony banks Yes Salicornia and other annuals colonizing mud and sand Yes Atlantic salt meadows (Glauco-Puccinellietalia maritimae) Yes Embryonic shifting dunes Shifting dunes along the shoreline with Ammophila arrenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea) Yes Dunes with Salix repens ssp. argentea (Salicion Yes arrenariae)	No No No No No	No No No No	No No No No	Yes Yes Yes Yes Yes	Yes Yes Yes Yes	Yes Yes Yes Yes	Yes Yes Yes	
Perennial vegetation of stony banks Yes Salicornia and other annuals colonizing mud and sand Yes Atlantic salt meadows (Glauco-Puccinellietalia maritimae) Embryonic shifting dunes Shifting dunes along the shoreline with Ammophila arenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea) Pes Dunes with Salix repens ssp. argentea (Salicion Yes arenariae)	No No No No	No No No	No No No	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	
Salicornia and other annuals colonizing mud and sand Yes Atlantic salt meadows (Glauco-Puccinellietalia maritimae) Yes Embryonic shifting dunes Shifting dunes along the shoreline with Ammophila Arenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea) Yes Dunes with Salix repens ssp. argentea (Salicion Arenariae)	No No No	No No	No No	Yes Yes Yes	Yes Yes	Yes Yes	Yes Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae) Yes Embryonic shifting dunes Shifting dunes along the shoreline with Ammophila arenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea) Pes Dunes with Salix repens ssp. argentea (Salicion Yes arenariae)	No No No	No No	No No	Yes Yes	Yes	Yes	Yes	
Embryonic shifting dunes Shifting dunes along the shoreline with Ammophila Arenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea) Dunes with Salix repens ssp. argentea (Salicion Arenariae)	No No	No	No	Yes				
Shifting dunes along the shoreline with Ammophila Arenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea) Pyes Dunes with Salix repens ssp. argentea (Salicion Yes Arenariae)	No				Yes	Yes	\/	
arenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey Yes dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea) Punes with Salix repens ssp. argentea (Salicion Yes arenariae)		No	No	Voo			Yes	
dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea) Punes with Salix repens ssp. argentea (Salicion Yes arenariae)	No			162	Yes	Yes	Yes	
Dunes with Salix repens ssp. argentea (Salicion Yes arenariae)		No	No	Yes	Yes	Yes	Yes	
arenariae)	No	No	No	Yes	Yes	Yes	Yes	
Humid dune slacks Yes	No	No	No	Yes	Yes	Yes	Yes	
	No	No	No	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus) Yes	No	No	No	Yes	Yes	Yes	Yes	
Duddon Mosses SAC No								This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Active raised bogs n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Degraded raised bogs still capable of natural n/a regeneration	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Subberthwaite, Blawith and Torver Low Commons No SAC								This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Transition mires and quaking bogs n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Depressions on peat substrates of the Rhynchosporion n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) stroug be troted.

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Ribble & Alt Estuaries Ramsar, Ribble and Alt Estuaries SPA, Liverpool Bay / Bae Lerpwl SPA.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Ribble & Alt Estuaries Ramsar. Ribble and Alt Estuaries SPA. Mersey Narrows and North Wirral Foreshore SPA. Liverpool Bay / Bae Lerpwl SPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Ribble & Alt Estuaries Ramsar, Sefton Coast SAC, Dee Estuary/Aber Dyfrdwy SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Ribble & Alt Estuaries Ramsar, Ribble and Alt Estuaries SPA, Mersey Narrows and North Wirral Foreshore SPA, Liverpool Bay / Bae Lerpwl SPA, Dee Estuary/Aber Dyfrdwy SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can S	tage A, B, C	or D activitie	s be carried	out without	AEOI?		Notes
(present within the Licence Block or within	within block?									1
10km)		If a	ctivity is withi	n European si	ite?	If ac	ctivity is outsid	de European s	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

10km)	lf .	activity is with	in European s	site?	If activity is outside European site?				
	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stag	
Ribble & Alt Estuaries Ramsar Yes									
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	Yes	No	No	No	Yes	Yes	Yes	Yes	
Criterion 5 - regularly supports 20,000 or more waterbirds	No	No	No	No	Yes	Yes	Yes	Yes	
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds	No	No	No	No	Yes	Yes	Yes	Yes	

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:

- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above).
- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

	Stage A No		Stage A, B, C in European s Stage C No No No No	Stage D No No		d out without activity is outsi Stage B		site?	Notes
is	Stage A No	Stage B No No No No No No	Stage C No No No	Stage D No No	Stage A				
	No No No No No No	No No No No	No No No	No No		Stage B	Stage C	Stage D	
	No No No No No	No No No	No No	No	Yes			Stage D	
	No No No No No	No No No	No No	No	Yes				This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so
	No No No No No	No No No	No			Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activition rear the surface', the following should be noted:
	No No No No	No No		NI=	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
	No No No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
	No No			No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
	No	No	No	No	Yes	Yes	Yes	Yes	ilicence section (above) should be noted.
			No	No	Yes	Yes	Yes	Yes	
	No	No	No	No	Yes	Yes	Yes	Yes	
		No	No	No	Yes	Yes	Yes	Yes	
		No	No	No	Yes	Yes	Yes	Yes	
		No	No	No	Yes	Yes	Yes	Yes	
		No	No	No	Yes	Yes	Yes	Yes	
		No	No	No	Yes	Yes	Yes	Yes	
		No	No	No	Yes	Yes	Yes	Yes	
		No	No	No	Yes	Yes	Yes	Yes	
		No	No	No	Yes	Yes	Yes	Yes	
		No	No	No	Yes	Yes	Yes	Yes	
		No	No	No	Yes	Yes	Yes	Yes	
		No	No	No	Yes	Yes	Yes	Yes	
				No					
				No					
	No	No	No	No	Yes	Yes	Yes	Yes	
	No	No	No	No	Yes	Yes	Yes	Yes	
	No	No	No	No	Yes	Yes	Yes	Yes	
	No	No	No	No	Yes	Yes	Yes	Yes	
	No	No	No	No	Yes	Yes	Yes	Yes	
	No	No	No	No	Yes	Yes	Yes	Yes	
	No	No	No	No	Yes	Yes	Yes	Yes	
)									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D active
	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
						Yes	Yes	Yes	
	1 1 / a	11/Q	11/G	11/0					
)		No n/a n/a n/a n/a n/a n/a n/a n/a n/a	No No n/a n/a n/a n/a	No No No n/a n/a n/a n/a n/a n/a	No No No No No No No<	No No No No Yes No No No Yes No<	No No No No Yes Yes No No No	No No No Yes Yes Yes No No No No Yes <t< td=""><td>No No No No Yes Yes Yes Yes No No No No Yes Yes Yes Yes No No No No Yes Yes Yes Yes No No No No No Yes Yes Yes Yes No No No No No Yes Yes Yes Yes No No No No No Yes Yes Yes Yes No No No No No Yes Yes Yes Yes No No No No No Yes Yes Yes Yes No No No No No Yes Yes Yes Yes No No No No No Yes Yes Yes Yes No No No</td></t<>	No No No No Yes Yes Yes Yes No No No No Yes Yes Yes Yes No No No No Yes Yes Yes Yes No No No No No Yes Yes Yes Yes No No No No No Yes Yes Yes Yes No No No No No Yes Yes Yes Yes No No No No No Yes Yes Yes Yes No No No No No Yes Yes Yes Yes No No No No No Yes Yes Yes Yes No No No No No Yes Yes Yes Yes No No No

Assessment of Effects on										
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	lf a	activity is with	in European s	site?	If a	ctivity is outsi	de European :	site?	
,		0/ 1	1 0/ 0		T 0/ 0	0, 1	1 0/ 5		l 0/ D	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Liverpool Bay / Bae Lerpwl SPA	Yes	•		•	•	•	•		•	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Black (common) scoter (Melanitta nigra)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
Red-throated diver (Gavia stellata)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
										- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Soften Coast SAC	Voc									
Sefton Coast SAC	Yes	Voo	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at
Embryonic shifting dunes Shifting dunes along the shoreline with Ammophila		Yes Yes	No	No	No No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted:
arenaria ("white dunes")		165	NU	INU	NO	162	res	res	162	 Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
Fixed coastal dunes with herbaceous vegetation ("grey dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Atlantic decalcified fixed dunes (Calluno-Ulicetea)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Dunes with Salix repens ssp. argentea (Salicion arenariae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Humid dune slacks		Yes	No	No	No	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Petalwort (Petalophyllum ralfsii)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Dee Estuary/Aber Dyfrdwy SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Estuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Mudflats and sandflats not covered by seawater at low tide		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Annual vegetation of drift lines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Vegetated sea cliffs of the Atlantic and Baltic Coasts		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and sand		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Fixed coastal dunes with herbaceous vegetation ("grey dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Humid dune slacks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Petalwort (Petalophyllum ralfsii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: SD21										
Granting of licence proposed?	: Yes									
Conditions proposed for the lic	cence									
	erlapping areas	of two or more								e prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to n Appendix E). The sites in which Stage A activities are prohibited are: Ribble & Alt Estuaries
Advice proposed with the licen	ice									
The following advice is given:										
- This block has European sites within it, or within alternative siting may be required by authorities fu						of a European	site is consid	dered to be of	a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
	populations, is th	nerefore consi	idered to be o	f a potentially	sensitive nati	ure (due to its	proximity to	the European	site) such th	ould be vulnerable to activities occurring outside the designated site itself. Land within 10km at mitigation and/or alternative siting may be required by authorities further considering HRA verpool Bay / Bae Lerpwl SPA.
	onsidered to be of	f a potentially	sensitive natu	re (due to its	potential coni	nectivity to a E	European site) such that m		coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a or alternative siting may be required by authorities further considering HRA issues for
	considered to be	of a potentially	y sensitive na	ture (due to its	proximity to	the European	n site) such th	at mitigation a	and/or alterna	well as Stage B, C and D activities). Land within approximately 1km of a European site ative siting may be required by authorities further considering HRA issues for specific project I Bay / Bae Lerpwl SPA.
- More detailed information relating to designated	sites taken into a	ccount in this	assessment o	an be viewed	by accessing	the following	link: http://jn	cc.defra.gov.u	ık/page-4	
The location of the block and the relevant Europe	ean sites are illust	trated on the	corresponding	map in Appe	ndix E.					
Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	tage A, B, C o	or D activitie	s be carried	out without	AEOI?		Notes
(present within the Licence Block of within 10km)	Within Diock?	If a	ctivity is withir	European sit	e?	If ac	tivity is outsic	le European s	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carrie	d out without	AEOI?		Notes
(present within the Licence Block of within 10km)	WILIIII DIOCK?	lf a	activity is with	in European s	site?	If a	activity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Ribble & Alt Estuaries Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	
Ribble and Alt Estuaries SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities
Seabird assemblage		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Eurasian teal (Anas crecca)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Red knot (Calidris canutus)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Northern lapwing (Vanellus vanellus)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
European golden plover (Pluvialis apricaria)		No	No	No	No	Yes	Yes	Yes	Yes	
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	
Eurasian oystercatcher (Haematopus ostralegus)		No	No	No	No	Yes	Yes	Yes	Yes	
Black (common) scoter (Melanitta nigra)		No	No	No	No	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		No	No	No	No	Yes	Yes	Yes	Yes	
Northern pintail (Anas acuta)		No	No	No	No	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		No	No	No	No	Yes	Yes	Yes	Yes	
Eurasian wigeon (Anas penelope)		No	No	No	No	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	
Pink-footed goose (Anser brachyrhynchus)		No	No	No	No	Yes	Yes	Yes	Yes	
Whooper swan (Cygnus cygnus)		No	No	No	No	Yes	Yes	Yes	Yes	
Tundra swan (Cygnus columbianus bewickii)		No	No	No	No	Yes	Yes	Yes	Yes	
Great cormorant (Phalacrocorax carbo)		No	No	No	No	Yes	Yes	Yes	Yes	
Greater scaup (Aythya marila)		No	No	No	No	Yes	Yes	Yes	Yes	
Lesser black-backed gull (Larus fuscus)		No	No	No	No	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		No	No	No	No	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		No	No	No	No	Yes	Yes	Yes	Yes	
Common tern (Sterna hirundo)		No	No	No	No	Yes	Yes	Yes	Yes	
Black-headed gull (Larus ridibundus)		No	No	No	No	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata)		No	No	No	No	Yes	Yes	Yes	Yes	
Whimbrel (Numenius phaeopus)		No	No	No	No	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		No	No	No	No	Yes	Yes	Yes	Yes	
Ruff (Philomachus pugnax)		No	No	No	No	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica)		No	No	No	No	Yes	Yes	Yes	Yes	
Liverpool Bay / Bae Lerpwl SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted:
Black (common) scoter (Melanitta nigra)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
Red-throated diver (Gavia stellata)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

	Is Euro. site within block?		Can S	Stage A, B, C	or D activiti	es be carried	d out without	AEOI?		Notes
Okm)	Within block!	If activity is within European site?					activity is outs	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
efton Coast SAC	Yes	<u> </u>	•	<u>'</u>	<u> </u>	<u> </u>		<u>'</u>		This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
mbryonic shifting dunes		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted:
hifting dunes along the shoreline with Ammophila renaria ("white dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage B, C and D activities within the European site boundary are considered likely to result in AEO see 'Conditions proposed for the licence' (above).
ixed coastal dunes with herbaceous vegetation ("grey unes")		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
tlantic decalcified fixed dunes (Calluno-Ulicetea)		Yes	No	No	No	Yes	Yes	Yes	Yes	
unes with Salix repens ssp. argentea (Salicion renariae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
umid dune slacks		Yes	No	No	No	Yes	Yes	Yes	Yes	
reat crested newt (Triturus cristatus)		Yes	No	No	No	Yes	Yes	Yes	Yes	
etalwort (Petalophyllum ralfsii)		Yes	No	No	No	Yes	Yes	Yes	Yes	

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Morecambe Bay Ramsar, Morecambe Bay SPA.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Duddon Estuary Ramsar, Morecambe Bay Ramsar, Duddon Estuary SPA, Morecambe Bay SPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Duddon Estuary Ramsar, Morecambe Bay Ramsar, Morecambe Bay SAC, Shell Flat and Lune Deep SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Duddon Estuary Ramsar, Morecambe Bay Ramsar, Duddon Estuary SPA, Morecambe Bay SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link; http://incc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessmer	nt of	Effe	cts on	
Polovant E	iron	nan	Sitos	

Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes
10km)	Within Stock.	If a	ctivity is with	in European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Duddon Estuary Ramsar	No			•	•	•	•	•	•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 5 - regularly supports 20,000 or more waterbirds	3	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be holed.
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	/	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	ctivity is outs	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Morecambe Bay Ramsar	Yes	<u>'</u>		•	•		<u>'</u>	<u>'</u>	<u>'</u>	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes	- Gradient Securities within the European site bothdary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Duddon Estuary SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Sandwich tern (Sterna sandvicensis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Red knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern pintail (Anas acuta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Morecambe Bay SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at
Northern pintail (Anas acuta)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted:
Seabird assemblage		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Red knot (Calidris canutus)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Sandwich tern (Sterna sandvicensis)		No	No	No	No	Yes	Yes	Yes	Yes	
Ruddy turnstone (Arenaria interpres)		No	No	No	No	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata)		No	No	No	No	Yes	Yes	Yes	Yes	
Pink-footed goose (Anser brachyrhynchus)		No	No	No	No	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		No	No	No	No	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		No	No	No	No	Yes	Yes	Yes	Yes	
Eurasian oystercatcher (Haematopus ostralegus)		No	No	No	No	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica)		No	No	No	No	Yes	Yes	Yes	Yes	

Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?	1
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	1
Morecambe Bay SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Sandbanks which are slightly covered by sea water all the time		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
Mudflats and sandflats not covered by seawater at low tide		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Coastal lagoons		Yes	No	No	No	Yes	Yes	Yes	Yes	
Large shallow inlets and bays		Yes	No	No	No	Yes	Yes	Yes	Yes	
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	
Perennial vegetation of stony banks		Yes	No	No	No	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and sand		Yes	No	No	No	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae	*)	Yes	No	No	No	Yes	Yes	Yes	Yes	
Embryonic shifting dunes		Yes	No	No	No	Yes	Yes	Yes	Yes	
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	
Fixed coastal dunes with herbaceous vegetation ("grey dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	
Atlantic decalcified fixed dunes (Calluno-Ulicetea)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Dunes with Salix repens ssp. argentea (Salicion arenariae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Humid dune slacks		Yes	No	No	No	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Roudsea Wood and Mosses SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Active raised bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Degraded raised bogs still capable of natural regeneration		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Tilio-Acerion forests of slopes, screes and ravines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Taxus baccata woods of the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Shell Flat and Lune Deep SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Sandbanks which are slightly covered by sea water all the time		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Reefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Morecambe Bay Ramsar, Morecambe Bay SPA.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Duddon Estuary Ramsar, Morecambe Bay Ramsar, Duddon Estuary SPA, Morecambe Bay SPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Duddon Estuary Ramsar, Morecambe Bay Ramsar, Morecambe Bay SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Duddon Estuary Ramsar, Morecambe Bay Ramsar, Duddon Estuary SPA, Morecambe Bay SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link; http://incc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on

Relevant European Sites

Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
10km)			activity is with	in European s	ite?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Duddon Estuary Ramsar	No	•	•	•	•	•	•		•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	y	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 5 - regularly supports 20,000 or more waterbird	s	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Morecambe Bay Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Criterion 5 - regularly supports 20,000 or more waterbirds	s	No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.

Relevant European Sites Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European	site?	lf a	ctivity is outsi	site?	+	
•		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	-
Duddon Estuary SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Sandwich tern (Sterna sandvicensis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Red knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern pintail (Anas acuta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Naterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Morecambe Bay SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Northern pintail (Anas acuta)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a
Seabird assemblage		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Naterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Red knot (Calidris canutus)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Sandwich tern (Sterna sandvicensis)		No	No	No	No	Yes	Yes	Yes	Yes	ilicence section (above) should be noted.
Ruddy turnstone (Arenaria interpres)		No	No	No	No	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata)		No	No	No	No	Yes	Yes	Yes	Yes	
Pink-footed goose (Anser brachyrhynchus)		No	No	No	No	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		No	No	No	No	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		No	No	No	No	Yes	Yes	Yes	Yes	
Eurasian oystercatcher (Haematopus ostralegus)		No	No	No	No	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica)		No	No	No	No	Yes	Yes	Yes	Yes	
Morecambe Bay SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Sandbanks which are slightly covered by sea water all he time		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above).
Mudflats and sandflats not covered by seawater at low ide		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Coastal lagoons		Yes	No	No	No	Yes	Yes	Yes	Yes	
arge shallow inlets and bays		Yes	No	No	No	Yes	Yes	Yes	Yes	
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	
Perennial vegetation of stony banks		Yes	No	No	No	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and sand		Yes	No	No	No	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Embryonic shifting dunes		Yes	No	No	No	Yes	Yes	Yes	Yes	
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	
Fixed coastal dunes with herbaceous vegetation ("grey dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	
Atlantic decalcified fixed dunes (Calluno-Ulicetea)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Ounes with Salix repens ssp. argentea (Salicion arenariae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Humid dune slacks		Yes	No	No	No	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		Yes	No	No	No	Yes	Yes	Yes	Yes	

Licence block: SD40										
Granting of licence proposed?	Yes									
Conditions proposed for the lic	ence									
No conditions proposed.										
Advice proposed with the licen	се									
The following advice is given:										
of an SPA, or a Ramsar site designated for its bird issues for specific project-level operations. The Eu Liverpool Bay / Bae Lerpwl SPA. - Coastal or marine habitat features could be vulne European site with coastal habitats, is therefore co specific project-level operations. The European site - Some of European site interest features (e.g. bird supporting noise or vibration sensitive features is constituted.	populations, is turopean sites po erable to any characteristic to be cless potentially vulds species; fish; considered to be potentially vulnerable potentially vulnerables taken into a	therefore constentially vulner anges in coast of a potentially illnerable in or marine mamn of a potential erable to this i	tal processes as sensitive nat near this blocumals) are pote ty sensitive natin or near this	of a potentially art this block at that occur du ture (due to its ck are Ribble at entially sensitivature (due to it block are Ma	ly sensitive na are Martin Me ue to activities s potential cor & Alt Estuaries we to noise or its proximity to artin Mere Ran	ature (due to itere Ramsar, For occurring alconnectivity to a s Ramsar, Security with the control of the Europeansar, Ribble &	its proximity to Ribble & Alt Est ong the coastli a European sit efton Coast SA ects associate an site) such t & Alt Estuaries	the Europear stuaries Ramsa ne. Land loca e) such that m AC. d with Stage A hat mitigation s Ramsar, Ribl	n site) such than, Ribble and the along the itigation and/ activities (as and/or alternable and Alt Es	build be vulnerable to activities occurring outside the designated site itself. Land within 10km at mitigation and/or alternative siting may be required by authorities further considering HRA I Alt Estuaries SPA, Martin Mere SPA, Mersey Narrows and North Wirral Foreshore SPA, a coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a or alternative siting may be required by authorities further considering HRA issues for well as Stage B, C and D activities). Land within approximately 1km of a European site ative siting may be required by authorities further considering HRA issues for specific project tuaries SPA, Martin Mere SPA, Mersey Narrows and North Wirral Foreshore SPA, Liverpool
A										
Assessment of Effects on										
Relevant European Sites Designated Sites and Interest Features	Is Euro. site	_	Con	Ctoro A. B. C	C or D activitie	ina ha narria	d aut withaut	AFOI2		Notes
	within block?									Notes
10km)		lf a	activity is withi	in European s	site?	If a	activity is outs	ide European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Martin Mere Ramsar	No	-							•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

(above) should be noted.

Ribble & Alt Estuaries Ramsar

Criterion 2 - supports vulnerable, endangered, or critically

Criterion 5 - regularly supports 20,000 or more waterbirds

Criterion 6 - regularly supports 1% of the individuals in a

population of one species/subspecies of waterbirds

endangered species or threatened eco. communities

No

n/a

Yes

Yes

Yes

This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities

undertaken at depth (so that effects do not register at surface) are not considered likely to result in

AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section

Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	d out without	AEOI?		Notes
present within the Licence Block or within 0km)	within block?	If a	activity is with	in European s	site?	If a	activity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Ribble and Alt Estuaries SPA	No			•	•	•	•		•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activity
dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Seabird assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
urasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ed knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
lorthern lapwing (Vanellus vanellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
uropean golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Vaterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
urasian oystercatcher (Haematopus ostralegus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
lack (common) scoter (Melanitta nigra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern pintail (Anas acuta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
urasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ink-footed goose (Anser brachyrhynchus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
/hooper swan (Cygnus cygnus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
undra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
reat cormorant (Phalacrocorax carbo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
reater scaup (Aythya marila)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
esser black-backed gull (Larus fuscus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
anderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
tinged plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
common tern (Sterna hirundo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
lack-headed gull (Larus ridibundus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
urasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Vhimbrel (Numenius phaeopus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
llack-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ruff (Philomachus pugnax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ar-tailed godwit (Limosa lapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Martin Mere SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activ
Vaterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
undra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
/hooper swan (Cygnus cygnus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
urasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ink-footed goose (Anser brachyrhynchus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
lorthern pintail (Anas acuta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
lersey Narrows and North Wirral Foreshore SPA	No				. # 🔾		.00	.00	.00	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activ
ittle gull (Larus minutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
/aterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
ar-tailed godwit (Limosa Iapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
ed knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
						Yes	Yes	Yes	Yes	
ommon tern (Sterna hirundo)		n/a n/a	n/a	n/a n/a	n/a n/a					
ommon redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
runlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	If activity is within European site?				ctivity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Grey plover (Pluvialis squatarola)	•	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian oystercatcher (Haematopus ostralegus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Great cormorant (Phalacrocorax carbo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common tern (Sterna hirundo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Liverpool Bay / Bae Lerpwl SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Black (common) scoter (Melanitta nigra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Red-throated diver (Gavia stellata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sefton Coast SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Fixed coastal dunes with herbaceous vegetation ("grey dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic decalcified fixed dunes (Calluno-Ulicetea)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunes with Salix repens ssp. argentea (Salicion arenariae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Humid dune slacks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Petalwort (Petalophyllum ralfsii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Morecambe Bay Ramsar, Morecambe Bay SPA.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Morecambe Bay Ramsar, Morecambe Bay SPA, Bowland Fells SPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Morecambe Bay Ramsar, Morecambe Bay SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Morecambe Bay Ramsar, Morecambe Bay SPA, Bowland Fells SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on

Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?												
10km)		If a	activity is with	in European s	site?	If a	If activity is outside European site?						
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D				
Morecambe Bay Ramsar	Yes												
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes				
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes				
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes				

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:

- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).

Notes

- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

	Is Euro. site		Can	Stage A, B, C	or D activiti	ies be carried	out without	AEOI?		Notes
	within block?	If a	ctivity is with	in European :	site?	If a	ctivity is outsi	de European	site?	1
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	1
Morecambe Bay SPA	Yes						<u> </u>			This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so
Northern pintail (Anas acuta)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activi or near the surface', the following should be noted:
Seabird assemblage		No	No	No	No	Yes	Yes	Yes	Yes	 Stage A, B, C and D activities within the European site boundary are considered likely to result in
Naterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Red knot (Calidris canutus)		No	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Sandwich tern (Sterna sandvicensis)		No	No	No	No	Yes	Yes	Yes	Yes	ilicence section (above) should be noted.
Ruddy turnstone (Arenaria interpres)		No	No	No	No	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata)		No	No	No	No	Yes	Yes	Yes	Yes	
Pink-footed goose (Anser brachyrhynchus)		No	No	No	No	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		No	No	No	No	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		No	No	No	No	Yes	Yes	Yes	Yes	
Eurasian oystercatcher (Haematopus ostralegus)		No	No	No	No	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa Iapponica)		No	No	No	No	Yes	Yes	Yes	Yes	This site is suitaide the license black area flow from the black boundary. Class A. D. C. and D. astir
	No	.,	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activ undertaken at depth (so that effects do not register at surface) are not considered likely to result in							
Lesser black-backed gull (Larus fuscus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sec (above) should be noted.
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Hen harrier (Circus cyaneus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Morecambe Bay SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so
Sandbanks which are slightly covered by sea water all		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activit or near the surface', the following should be noted:
the time		.,				.,		v	.,	- Stage B, C and D activities within the European site boundary are considered likely to result in Al
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above).
Mudflats and sandflats not covered by seawater at low ide		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Coastal lagoons		Yes	No	No	No	Yes	Yes	Yes	Yes	
_arge shallow inlets and bays		Yes	No	No	No	Yes	Yes	Yes	Yes	
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	
Perennial vegetation of stony banks		Yes	No	No	No	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and sand		Yes	No	No	No	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Embryonic shifting dunes		Yes	No	No	No	Yes	Yes	Yes	Yes	
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	
Fixed coastal dunes with herbaceous vegetation ("grey lunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	
Atlantic decalcified fixed dunes (Calluno-Ulicetea)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Dunes with Salix repens ssp. argentea (Salicion arenariae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Humid dune slacks		Yes	No	No	No	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		Yes	No	No	No	Yes	Yes	Yes	Yes	

Assessment of Effects on Relevant European Sites	In Fame also		0.00) (D			45010		The con-
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	If a	can s activity is withi			es be carried	ctivity is outsi			Notes
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Calf Hill and Cragg Woods SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Old sessile oak woods with Ilex and Blechnum in the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.

Licence block: SD50
Granting of licence proposed?: You

Conditions proposed for the licence

No conditions proposed.

Advice proposed with the licence

The following advice is given:

- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Martin Mere Ramsar, Martin Mere SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Martin Mere Ramsar, Martin Mere SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment	of Effects on
Relevant Eur	opean Sites

Designated Sites and Interest Features	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes	
(present within the Licence Block or within 10km)	within block?	If a	activity is withi	n European s	site?	If a	ctivity is outsi	de European	site?		
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Martin Mere Ramsar	No	•	•	•		•	•	•		This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities	
Criterion 5 - regularly supports 20,000 or more waterbird	S	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section.	
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.	
Martin Mere SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activitie	
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section	
Tundra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.	
Whooper swan (Cygnus cygnus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Eurasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Pink-footed goose (Anser brachyrhynchus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Northern pintail (Anas acuta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Manchester Mosses SAC Degraded raised bogs still capable of natural regeneration	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activitie undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage A, B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Morecambe Bay Ramsar, Morecambe Bay SPA, Bowland Fells SPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Morecambe Bay Ramsar, Morecambe Bay SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Morecambe Bay Ramsar, Morecambe Bay SPA, Bowland Fells SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link; http://incc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment	of	Effect	s on
Rolevant Fur	'n	oan Si	tae

rtoto rante Earopoan Ottoo										
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	If a	Can a	Notes						
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Morecambe Bay Ramsar	No		•	•	•		•	•	•	This site is outside the licence block, over 1k
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not re AEOI. With regard to activities at or near the (above) should be noted.
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Criterion 5 - regularly supports 20,000 or more waterbirds	3	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	d out without	AEOI?		Notes
present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	lf a	activity is outsi	de European	site?	-
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
lorecambe Bay SPA	No				<u> </u>	<u> </u>				This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
orthern pintail (Anas acuta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
eabird assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sectio (above) should be noted.
/aterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
led knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
andwich tern (Sterna sandvicensis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
uddy turnstone (Arenaria interpres)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ommon redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
urasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ink-footed goose (Anser brachyrhynchus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ounlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian oystercatcher (Haematopus ostralegus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bowland Fells SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so
esser black-backed gull (Larus fuscus)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to active
Merlin (Falco columbarius)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
den harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Morecambe Bay SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activi
Sandbanks which are slightly covered by sea water all the time		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sec
Estuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
fludflats and sandflats not covered by seawater at low de		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Coastal lagoons		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
arge shallow inlets and bays		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
eefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
erennial vegetation of stony banks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and sand		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
utlantic salt meadows (Glauco-Puccinellietalia maritimae))	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
mbryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Shifting dunes along the shoreline with Ammophila renaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
xed coastal dunes with herbaceous vegetation ("grey unes") tlantic decalcified fixed dunes (Calluno-Ulicetea)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
		n/a	n/a	n/a	n/a			Yes		
unes with Salix repens ssp. argentea (Salicion renariae) lumid dune slacks		n/a n/a	n/a n/a	n/a n/a	n/a n/a	Yes	Yes	Yes	Yes	
reat crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
orth Pennine Dales Meadows SAC	No	Tir a	1./ C	i i a	i i a	103	103	103	103	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activ
Iolinia meadows on calcareous, peaty or clayey-silt- iden soils (Molinion caeruleae)	110	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section.
Mountain hay meadows		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.

Assessment of Effects on Relevant European Sites Designated Sites and Interest Features	elevant European Sites signated Sites and Interest Features Is Euro. site Can Stage A, B, C or D activities be carried out without AEOI? Notes												
(present within the Licence Block or within 10km)	within block?	If a	activity is withi	n European s	site? Stage D	If a	ctivity is outsi	de European Stage C	site? Stage D				
Calf Hill and Cragg Woods SAC Old sessile oak woods with llex and Blechnum in the British Isles Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)		n/a n/a	n/a n/a	n/a n/a	n/a n/a	Yes Yes	Yes Yes	Yes Yes	Yes Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.			

Yes									
ence									
е									
				-	ng the followir	ng link: http://j	ncc.defra.gov.	uk/page-4	
s Euro. site vithin block?		activity is with	nin European	site?	If a	activity is outs	de European		Notes
	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
lo	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
lo									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
	e es taken into a sites are illus	es taken into account in this a sites are illustrated on the ithin block? Stage A O n/a	es taken into account in this assessment a sites are illustrated on the corresponding its sites are illustrated on the	es taken into account in this assessment can be viewed a sites are illustrated on the corresponding map in Application of the	es taken into account in this assessment can be viewed by accessing sites are illustrated on the corresponding map in Appendix E. Euro. site ithin block? Can Stage A, B, C or D activities If activity is within European site? Stage A Stage B Stage C Stage D N/a N/a N/a N/a N/a N/a O N/a N/a	es taken into account in this assessment can be viewed by accessing the following sites are illustrated on the corresponding map in Appendix E. Can Stage A, B, C or D activities be carried in this block? If activity is within European site? If a	es taken into account in this assessment can be viewed by accessing the following link: http://jr. a sites are illustrated on the corresponding map in Appendix E. Euro. site ithin block? If activity is within European site? If activity is outsite Stage A Stage B Stage C Stage D Stage A Stage B n/a n/a n/a n/a Yes Yes	es taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov. sites are illustrated on the corresponding map in Appendix E. Euro. site ithin block? If activity is within European site? Stage A Stage B Stage C Stage D Stage A Stage B Stage C n/a n/a n/a n/a n/a Yes Yes Yes	es taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4 sites are illustrated on the corresponding map in Appendix E. Euro. site Can Stage A, B, C or D activities be carried out without AEOI?

Licence block: SD61										
Granting of Licence Proposed?: Y	es									
Condtions proposed for the										
Advice proposed for the licence										
Assessment of Effects on Relevan	t Europ	ean Sit	es							
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site		Can Stag	e A, B, C o	r D activitie	es be carri	ed out with	out AEOI?		Notes
	within	If act	tivity is with	in Europeai	n site?	If acti	vity is outsi	de Europea	n site?	
	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
						none				

Licence block: SD62										
Granting of Licence Proposed?: Y	es									
Condtions proposed for the										
Advice proposed for the licence										
Assessment of Effects on Relevan	t Europ	ean Sit	es							
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site		Can Stag	e A, B, C o	r D activitie	es be carri	ed out with	out AEOI?		Notes
	within	If act	tivity is with	in Europeai	n site?	If acti	vity is outsi	n site?		
	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
						none				

Licence block: SD63									
Granting of licence proposed?	: Yes								
Conditions proposed for the lie	cence								
No conditions proposed.									
Advice proposed with the licer	nce								
The following advice is given:									
- In some instances, bird species that are associa of an SPA, or a Ramsar site designated for its bird issues for specific project-level operations. The E - Some of European site interest features (e.g. bird supporting noise or vibration sensitive features is level operations. The European sites with features - More detailed information relating to designated - The location of the block and the relevant European sites with features - More detailed information relating to designated - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the block and the relevant European sites with features - The location of the locatio	d populations, is the European sites potents species; fish; ronsidered to be s potentially vulne I sites taken into a	therefore consistentially vulner marine mamma of a potentially erable to this in account in this a	idered to be of a rable in or near t nals) are potentia ly sensitive natur n or near this blo assessment can	a potentially sensitive nothis block are Bowland ially sensitive to noise of the ure (due to its proximity ock are Bowland Fells Standard by accession be viewed by accession	nature (due to in d Fells SPA. or vibration effer to the Europe SPA.	its proximity to fects associated ean site) such the	o the Europear d with Stage A that mitigation	n site) such that A activities (as and/or alterna	ould be vulnerable to activities occurring outside the designated site itself. Land within 10km at mitigation and/or alternative siting may be required by authorities further considering HRA well as Stage B, C and D activities). Land within approximately 1km of a European site stive siting may be required by authorities further considering HRA issues for specific project
Assessment of Effects on Relevant European Sites									
Designated Sites and Interest Features	Is Euro. site		Can Sta	age A, B, C or D activit	ties be carrie	d out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is within E	European site?		activity is outsi	ide European	site?	
,		Stage A	Stage B	Stage C Stage D	Stage A	Stage B	Stage C	Stage D	
Bowland Fells SPA	No	للستسل	للنت		سنط				This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Lesser black-backed gull (Larus fuscus)	NO	n/a	n/a n/a	/a n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Merlin (Falco columbarius)			n/a n/a		Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Hen harrier (Circus cyaneus)			n/a n/a		Yes	Yes	Yes	Yes	(above) andida bo

Licence block: SD70										
Granting of licence proposed?	: Yes									
Conditions proposed for the lie	cence									
No conditions proposed.										
Advice proposed with the licer	nce									
The following advice is given: - More detailed information relating to designated - The location of the block and the relevant Europe					-	g the followin	ng link: http://jr	ncc.defra.gov.	uk/page-4	
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can Stage A, B, C or D activities be carried out without AEOI?							Notes
present within the Licence Block or within Okm)	within block?	If a	If activity is within European site?				activity is outs	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Manchester Mosses SAC Degraded raised bogs still capable of natural regeneration	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Rixton Clay Pits SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Great crested newt (Triturus cristatus)	NO	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Rochdale Canal SAC Floating water-plantain (Luronium natans)	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SD71										
Granting of licence proposed?	?: Yes									
Conditions proposed for the li	icence									
No conditions proposed.										
Advice proposed with the lice	nce									
The following advice is given:										
- More detailed information relating to designated	sites taken into a	ccount in this	assessment	can be viewe	ed by accessi	ing the following	ıg link: http://jr	ncc.defra.gov.	uk/page-4	
- The location of the block and the relevant Europ										
Assessment of Effects on										
Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site		Can	Stage A, B, (C or D activit	ties be carried	d out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	ctivity is with	in European	site?	lf a	activity is outsi	ide European	site?	
, control		Stage A	Stage B	Stage C	Stage D		Stage B	Stage C	Stage D	
Rochdale Canal SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Floating water-plantain (Luronium natans)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Lic	en	се	bl	ОС	k:	SD	72

Granting of licence proposed?: Yes

Conditions proposed for the licence

No conditions proposed.

Advice proposed with the licence

The following advice is given:

- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are South Pennine Moors Phase 2 SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are South Pennine Moors Phase 2 SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant European Sites

(present within the Licence Block or within	within block?	ı block?												
10km)		If a	activity is with	in European s	site?	If activity is outside European site?								
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					
South Pennine Moors Phase 2 SPA	No													
Breeding bird assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Short-eared owl (Asio flammeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
South Pennine Moors SAC	No													
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Old sessile oak woods with Ilex and Blechnum in the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					

This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Notes

This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SD73	
Granting of licence proposed?:	Yes

No conditions proposed.

Advice proposed with the licence

- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Bowland Fells SPA, South Pennine Moors Phase 2 SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Bowland Fells SPA, South Pennine Moors Phase 2 SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Asses	sment	of Effe	ects on
Releva	ant Fu	ronean	Sites

Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
10km)	William Diook.		activity is withi	in European s	site?	If activity is outside European site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Bowland Fells SPA	No	1				1		•	1	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Lesser black-backed gull (Larus fuscus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Hen harrier (Circus cyaneus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
South Pennine Moors Phase 2 SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Breeding bird assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Short-eared owl (Asio flammeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
South Pennine Moors SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Old sessile oak woods with Ilex and Blechnum in the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European site(s) in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are South Pennine Moors Phase 2 SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are South Pennine Moors Phase 2 SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant European Sites

resorant Earopean Cites													
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?											
10km)		If a	If activity is within European site? If activity is outside European site?										
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D				
South Pennine Moors Phase 2 SPA	No												
Breeding bird assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Short-eared owl (Asio flammeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Rochdale Canal SAC	Yes												
Floating water-plantain (Luronium natans)		Yes	No	No	No	Yes	Yes	Yes	Yes				

This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Notes

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:

- Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above).
- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
10km)		If a	ctivity is withi	in European s	site?	If a	ctivity is outsi	le European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
South Pennine Moors SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Old sessile oak woods with Ilex and Blechnum in the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: South Pennine Moors Phase 2 SPA.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are South Pennine Moors Phase 2 SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are South Pennine Moors Phase 2 SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment	t of Effects on
Relevant Eu	ropean Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
10km)		If a	activity is withi	in European s	ite?	If a	ctivity is outsi	de European s	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
South Pennine Moors Phase 2 SPA	Yes									This site is present within the licence block.
Breeding bird assemblage		No	No	No	No	Yes	Yes	Yes		effects do not register at surface) are not co or near the surface', the following should be
Short-eared owl (Asio flammeus)		No	No	No	No	Yes	Yes	Yes		- Stage A, B, C and D activities within the E
European golden plover (Pluvialis apricaria)		No	No	No	No	Yes	Yes	Yes		AEOI – see 'Conditions proposed for the lic
Merlin (Falco columbarius)		No	No	No	No	Yes	Yes	Yes		- for activities occurring outside the boundar licence' section (above) should be noted.

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:

- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above).
- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without	Notes		
 10km)		If activity is within European site?			If a	ctivity is outsi	de European	site?		
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
South Pennine Moors SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
Northern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted:
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in AEO
Blanket bogs (priority feature if active bog)		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above).
Transition mires and quaking bogs		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Old sessile oak woods with Ilex and Blechnum in the British Isles		Yes	No	No	No	Yes	Yes	Yes	Yes	

_icence block: SE	30b
Granting of licence	proposed?: Ye

No conditions proposed.

Advice proposed with the licence

The following advice is given:

- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on

Polovent European Sites										
Relevant European Sites Designated Sites and Interest Features	Is Euro. site	I	Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If activity is within European site?				If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Peak District Moors (South Pennine Moors Phase 1) SPA	No	•	•	•	•	•	•	•	•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Short-eared owl (Asio flammeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Denby Grange Colliery Ponds SAC Great crested newt (Triturus cristatus)	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
South Pennine Moors SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Old sessile oak woods with Ilex and Blechnum in the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: SE31c										
Granting of licence proposed?	?: Yes									
Conditions proposed for the li	cence									
No conditions proposed.										
Advice proposed with the lice	nce									
The following advice is given:										
 More detailed information relating to designated 	sites taken into a	account in this	assessment	can be viewe	d by accessin	g the following	g link: http://jr	cc.defra.gov.	uk/page-4	
- The location of the block and the relevant Europ	nean sites are illus	strated on the	correspondin	ng man in Ann	endix F					
The location of the block and the following Europ	our once are muc	strated on the	Correspondin	ig map iii, ipp	Oldix E.					
Assessment of Effects on										
Relevant European Sites										
Designated Office and Internet Frateurs	I - France - Mar	1	0		D 41: -141:		4	45010		Mide
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?					es be carried				Notes
Designated Sites and Interest Features		If a		in European s			out without		site?	Notes
Designated Sites and Interest Features (present within the Licence Block or within		If a							site? Stage D	Notes
Designated Sites and Interest Features (present within the Licence Block or within			activity is with	in European s	site?	If ac	ctivity is outsi	de European		Notes This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Designated Sites and Interest Features (present within the Licence Block or within 10km) Denby Grange Colliery Ponds SAC	within block?	Stage A	activity is with Stage B	in European s	site? Stage D	If ad	ctivity is outsi	de European Stage C	Stage D	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Designated Sites and Interest Features (present within the Licence Block or within 10km) Denby Grange Colliery Ponds SAC	within block?	Stage A	activity is with Stage B	in European s	site? Stage D	If ad	ctivity is outsi	de European Stage C	Stage D	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Designated Sites and Interest Features (present within the Licence Block or within 10km) Denby Grange Colliery Ponds SAC	within block?	Stage A	activity is with Stage B	in European s	site? Stage D	If ad	ctivity is outsi	de European Stage C	Stage D	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Designated Sites and Interest Features (present within the Licence Block or within 10km) Denby Grange Colliery Ponds SAC	within block?	Stage A	activity is with Stage B	in European s	site? Stage D	If ad	ctivity is outsi	de European Stage C	Stage D	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section

Licence block: SE32b										
Granting of licence proposed?	?: Yes									
Conditions proposed for the li	icence									
No conditions proposed.										
Advice proposed with the lice	nce									
The following advice is given:										
- More detailed information relating to designated	d sites taken into a	ccount in this	assessment	can be viewe	ed by accessi	ing the followir	ng link: http://ji	ncc.defra.gov.	uk/page-4	
- The location of the block and the relevant Europ	pean sites are illus	trated on the	correspondin	g map in App	oendix E.					
Assessment of Effects on										
Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site		Can	Stage A, B, (C or D activit	ties be carried	d out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	ctivity is with	in European	site?	If a	activity is outs	ide European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Denby Grange Colliery Ponds SAC Great crested newt (Triturus cristatus)	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SE40f										
Granting of Licence Proposed?: Y	es									
Condtions proposed for the										
Advice proposed for the licence										
Assessment of Effects on Relevan	t Europ	ean Sit	es							
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site		Can Stag	e A, B, C o	or D activiti	es be carrie	ed out with	out AEOI?	•	Notes
	within	If act	tivity is with	in Europea	n site?	If acti	vity is outsi	de Europea	nn site?	
	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
						none				

Licence block: SE41e				
Granting of Licence Proposed?: You	es			
Condtions proposed for the				
Advice proposed for the licence				
Assessment of Effects on Relevan	t Europ	ean Sites		
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site	Can Stage A, B, C or D activitie	es be carried out without AEOI?	Notes
Within the Licence Block of Within Tokiny	within	If activity is within European site?	If activity is outside European site?	
	block?	Stage A Stage B Stage C Stage D	Stage A Stage B Stage C Stage D	
			none	

Licence block: SE42e										
Granting of Licence Proposed?: You	es									
Condtions proposed for the										
Advice proposed for the licence										
Assessment of Effects on Relevan	t Europ	ean Sit	es							
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site		Can Stag	e A, B, C o	or D activiti	es be carrie	ed out with	out AEOI?	•	Notes
within the Liberioe Blook of Within Forting	within	If acti	ivity is with	in Europea	n site?	If acti	vity is outsi	de Europea	nn site?	
	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
						none				

Licence block: SE50b										
Granting of licence proposed	?: Yes									
Conditions proposed for the l	icence									
- Станисто реоресси тег инст										
No conditions proposed.										
Advice proposed with the lice	nce									
The following advice is given:										
In some instances, hird species that are associ	ated with SDAs ar	nd some Pam	ear eitee may	rely on non-c	lecianated hal	hitate havond	the Europe	an eita haunda	ries and so o	ould be vulnerable to activities occurring outside the designated site itself. Land within 10km
										at mitigation and/or alternative siting may be required by authorities further considering HRA
ssues for specific project-level operations. The								·		
Some of European site interest features (e.g. b)	irds species: fish:	marine mamr	mals) are pote	ntially sensiti	ive to noise or	vibration effe	cts associat	ed with Stage	A activities (as	well as Stage B, C and D activities). Land within approximately 1km of a European site
supporting noise or vibration sensitive features is	considered to be	of a potentia	Illy sensitive na	ature (due to	its proximity to	o the Europea	an site) such			ative siting may be required by authorities further considering HRA issues for specific project
evel operations. The European sites with feature	es potentially vuln	erable to this	in or near this	block are Th	orne and Hatf	field Moors SF	PA.			
More detailed information relating to designated	d sites taken into	account in this	s assessment	can be viewe	ed by accessin	ng the followin	ng link: http://	jncc.defra.gov	.uk/page-4	
The leasting of the black and the relevant France		-4444								
The location of the block and the relevant Europ	pean sites are illu	strated on the	corresponding	g map in App	enaix E.					
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can S	Stage A, B, C	or D activiti	ies be carried	d out withou	t AEOI?		Notes
present within the Licence Block or within 10km)	within block?	lf .	activity is withi	in European .	site?	If a	activity is out	side European	site?	-
(VKIII)										
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
horne and Hatfield Moors SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in
European nightjar (Caprimulgus europaeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
										(above) should be noted.
Hatfield Moor SAC	No									This site is outside the licence block over 1km from the block boundary. Stage A. B. C. and D. activities
Hatfield Moor SAC Degraded raised bogs still capable of natural	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in
	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Degraded raised bogs still capable of natural	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Degraded raised bogs still capable of natural	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Degraded raised bogs still capable of natural	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
egraded raised bogs still capable of natural	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section

Licence block: SE51b										
Granting of licence proposed?	: Yes									
, 1										
Conditions proposed for the lie	cence									
No conditions proposed.										
Advice proposed with the licer	тсе									
The following advice is given: - More detailed information relating to designated - The location of the block and the relevant Europe					-	ng the followin	g link: http://j	ncc.defra.gov.	.uk/page-4	
Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activiti	ies be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	ctivity is with	in European s	ite?	If a	ctivity is outs	ide European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Thorne Moor SAC Degraded raised bogs still capable of natural regeneration	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SE52	
Granting of licence proposed?:	Yes

No conditions proposed.

Advice proposed with the licence

The following advice is given:

- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are River Derwent SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on

Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
10km)		If activity is within European site?				If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
River Derwent SAC	No	•	•	•		•		•	•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Skipwith Common SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.

icence block: SE57	
Granting of licence proposed?:	Yes

No conditions proposed.

Advice proposed with the licence

- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are North York Moors SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are North York Moors SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on										
Relevant European Sites										
	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
10km)	Within Diook.	If a	activity is with	in European s	ite?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
North York Moors SPA	No	•	•				•			This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
North York Moors SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Strensall Common SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.

icence block: SE61d	
Granting of licence proposed?: Y	es

No conditions proposed.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Humber Estuary Ramsar, Thorne and Hatfield Moors SPA, Humber Estuary SPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Humber Estuary Ramsar, Humber Estuary SAC.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Humber Estuary Ramsar, Thorne and Hatfield Moors SPA, Humber Estuary SPA, Humber Estuary SAC, River Derwent SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link; http://incc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant Furonean Sites

Relevant European Oites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without	Notes		
10km)		If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Humber Estuary Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 5 - regularly supports 20,000 or more waterbirds	3	n/a	n/a	n/a	n/a	Yes	Yes	Yes	res	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path	9	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activiti	es be carried	d out without	Notes		
(present within the Licence Block or within 10km)	within block?	If	activity is with	nin European	site?	If a	activity is outsi	de European	site?	-
,		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	-
Thorne and Hatfield Moors SPA	No					<u> </u>				This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and
European nightjar (Caprimulgus europaeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence section (above) should be noted.
Humber Estuary SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activiti
Great bittern (Botaurus stellaris)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Great bittern (Botaurus stellaris)		n/a	n/a		n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
· · · · · · · · · · · · · · · · · · ·				n/a n/a		Yes	Yes	Yes	Yes	(above) should be noted.
Greater scaup (Aythya marila)		n/a	n/a	n/a	n/a					
Mallard (Anas platyrhynchos)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern lapwing (Vanellus vanellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Red knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Red knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ruff (Philomachus pugnax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Whimbrel (Numenius phaeopus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common greenshank (Tringa totanus) Common greenshank (Tringa nebularia)		n/a			n/a	Yes	Yes	Yes	Yes	
			n/a	n/a						
Ruddy turnstone (Arenaria interpres)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Little tern (Sterna albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Light-bellied brent goose (Branta bernicla hrota)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian marsh harrier (Circus aeruginosus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common goldeneye (Bucephala clangula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian oystercatcher (Haematopus ostralegus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Pied avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common pochard (Aythya ferina)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Pied avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
tinged plover (Onaradinas maticula)						100	.00	100	.00	

Relevant European Sites										
Designated Sites and Interest Features	ls Euro. site		Can S	Stage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is withi	in European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Thorne Moor SAC	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and
Degraded raised bogs still capable of natural regeneration		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licenci section (above) should be noted.
Hatfield Moor SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Degraded raised bogs still capable of natural regeneration		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Humber Estuary SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activit
Sandbanks which are slightly covered by sea water all the time		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sectio (above) should be noted.
Estuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Mudflats and sandflats not covered by seawater at low tide		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Coastal lagoons		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and sand		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Fixed coastal dunes with herbaceous vegetation ("grey dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunes with Hippopha rhamnoides		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey seal (Halichoerus grypus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activi undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sectio (above) should be noted.
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Lower Derwent Valley Ramsar. River Derwent SAC.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Lower Derwent Valley Ramsar. Lower Derwent Valley SPA.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Lower Derwent Valley SAC, River Derwent SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Lower Derwent Valley Ramsar, Lower Derwent Valley SPA, River Derwent SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on

Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?												
10km)		If a	activity is with	in European :	site?	If activity is outside European site?								
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					
Lower Derwent Valley Ramsar	Yes													
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	,	Yes	No	No	No	Yes	Yes	Yes	Yes					
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes					
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes					
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes					
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes					

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:

- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above).
- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Notes

Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, (C or D activitie	es be carried	d out without	AEOI?		Notes
present within the Licence Block or within 0km)	within block?	If a	activity is with	in European	site?	If a	activity is outsi	de European :	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
ower Derwent Valley SPA	No		<u> </u>					<u> </u>		This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and
tuff (Philomachus pugnax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to
Vaterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licenc section (above) should be noted.
undra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
urasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
urasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
lorthern shoveler (Anas clypeata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
uropean golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ower Derwent Valley SAC	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and
owland hay meadows (Alopecurus pratensis, anguisorba officinalis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the section (above) should be noted.
Illuvial forests with Alnus glutinosa and Fraxinus xcelsior (Alno-Padion, Alnion incanae, Salicion albae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
liver Derwent SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so
Vater courses of plain to montane levels with the tanunculion fluitantis and Callitricho-Batrachion egetation		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activit or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
ea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
tiver lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
ullhead (Cottus gobio)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		Yes	No	No	No	Yes	Yes	Yes	Yes	
trensall Common SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so
lorthern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activit
uropean dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in A
										see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Lower Derwent Valley Ramsar

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Lower Derwent Valley Ramsar, Lower Derwent Valley SPA.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Lower Derwent Valley SAC, River Derwent SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Lower Derwent Valley Ramsar, Lower Derwent Valley SPA, River Derwent SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on
Relevant European Sites

9	Is Euro. site within block?		Can Stage A, B, C or D activities be carried out without AEOI?										
10km)	Within Diook:	If a	activity is with	in European s	site?	If a	1						
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D				
Lower Derwent Valley Ramsar	Yes	•	•	•		•	•	•		This site is			
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	,	Yes	No	No	No	Yes	Yes	Yes	Yes	or near the			
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – se - for activi licence' se			
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes				
Criterion 5 - regularly supports 20,000 or more waterbirds	•	No	No	No	No	Yes	Yes	Yes	Yes				
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes				

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:

- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above).
- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Assessment of Effects on Relevant European Sites											
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes	
(present within the Licence Block or within 10km)	within block?	If activity is within European site?		ite?	If a	ctivity is outsi	de European	site?			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Lower Derwent Valley SPA	No	<u> </u>		<u> </u>	<u> </u>					This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities	
Ruff (Philomachus pugnax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section	
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.	
Tundra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Eurasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Northern shoveler (Anas clypeata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Lower Derwent Valley SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities	
Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section	
Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.	
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
River Derwent SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities	
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Strensall Common SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that	
Northern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:	
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	

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- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are North York Moors SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are North York Moors SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessn	nent of	Effects on	
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Relevant European Sites												
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	vities be carried out without AEOI?				Notes		
10km)		If a	activity is withi	n European s	n site? If activity is outside European site?							
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D			
North York Moors SPA	No		•				•	•	•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities		
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section		
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.		
North York Moors SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities		
Northern Atlantic wet heaths with Erica tetralix	NO	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in		
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section		
		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.		
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	res	res	res	res			
Strensall Common SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities		
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section		
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.		

Licence k	olock: SE6	8b	
Granting	of licence	proposed?:	Yes

No conditions proposed.

Advice proposed with the licence

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are North York Moors SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are North York Moors SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effe	cts on
Relevant European	Sites

Relevant European Sites												
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	Notes				
10km)		If a	activity is withi	in European s	site?	If a	ctivity is outsi	de European	site?			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D			
North York Moors SPA	No								•	This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D		
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence'		
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	section (above) should be noted.		
North York Moors SAC	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D		
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence'		
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	section (above) should be noted.		
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: North York Moors

Advice proposed with the licence

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are North York Moors SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are North York Moors SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of	of Effects on
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Relevant European Sites												
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	Notes				
10km)			activity is withi	in European s	site?	If a	ctivity is outsi	de European	site?			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D			
North York Moors SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that		
Merlin (Falco columbarius)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:		
European golden plover (Pluvialis apricaria)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.		
Arnecliff and Park Hole Woods SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities		
Old sessile oak woods with Ilex and Blechnum in the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.		
Killarney fern (Trichomanes speciosum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) stroutu be troteu.		

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	lf a		Stage A, B, C in European s		es be carried	out without		site?	Notes -
,		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
North York Moors SAC	Yes				1					This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
Northern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted:
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage B, C and D activities within the European site boundary are considered likely to result in AEC
Blanket bogs (priority feature if active bog)		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage A, B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Humber Estuary Ramsar, Lower Derwent Valley Ramsar, Thorne and Hatfield Moors SPA, Lower Derwent Valley SPA, Humber Estuary SPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Humber Estuary Ramsar, Humber Estuary SAC.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Lower Derwent Valley SAC, River Derwent SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Humber Estuary Ramsar, Lower Derwent Valley Ramsar, Thorne and Hatfield Moors SPA, Lower Derwent Valley SPA, Humber Estuary SPA, Humbe
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://incc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can Stage A, B, C or D activities be carried out without AEOI?										
10km)		If a	If activity is within European site? If activity is outside European site?										
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D				
Humber Estuary Ramsar	Yes												
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes				
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes				
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		Yes	No	No	No	Yes	Yes	Yes	Yes				
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes				
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path		Yes	No	No	No	Yes	Yes	Yes	Yes				

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:

- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).

Notes

- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Is Euro. site	Can Stage A, B, C or D activities be carried out without AEOI?								Notes
	If activity is within European site?				If activity is outside European site?				
	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
/es									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
	Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in - AEOI – see 'Conditions proposed for the licence' (above).
	No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
	Yes	No	No	No	Yes	Yes	Yes	Yes	
	No	No	No	No	Yes	Yes	Yes	Yes	
	Yes	No	No	No	Yes	Yes	Yes	Yes	
No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D
	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
	n/a	n/a	n/a	n/a	Yes				(above) should be noted.
	n/a	n/a	n/a	n/a	Yes				
	n/a	n/a	n/a	n/a	Yes				
			n/a	n/a	Yes				
				n/a n/a	Yes Yes			Yes Yes	
	vithin block?	vithin block? If a Stage A Yes No Yes No Yes No Yes Io n/a n/a n/a n/a n/a n/a n/a n/	### ### ### ### ### ### ### ### ### ##		######################################			If activity is within European site?	

Assessment of Effects on											
Relevant European Sites	Ita France alta		0	04 A D 0	D 41141		1 4 141 4	45010		In.a.	
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es de carried	d out without	AEUI?		Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
lumber Estuary SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so	
Great bittern (Botaurus stellaris)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activi or near the surface', the following should be noted:	
Great bittern (Botaurus stellaris)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in	
Greater scaup (Aythya marila)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).	
Mallard (Anas platyrhynchos)		No	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted. 	
Grey plover (Pluvialis squatarola)		No	No	No	No	Yes	Yes	Yes	Yes	indiffice decision (uports) directed.	
lorthern lapwing (Vanellus vanellus)		No	No	No	No	Yes	Yes	Yes	Yes		
Red knot (Calidris canutus)		No	No	No	No	Yes	Yes	Yes	Yes		
Red knot (Calidris canutus)		No	No	No	No	Yes	Yes	Yes	Yes		
Sanderling (Calidris alba)		No	No	No	No	Yes	Yes	Yes	Yes		
Sanderling (Calidris alba)		No	No	No	No	Yes	Yes	Yes	Yes		
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes		
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes		
Ruff (Philomachus pugnax)		No	No	No	No	Yes	Yes	Yes	Yes		
Grey plover (Pluvialis squatarola)		No	No	No	No	Yes	Yes	Yes	Yes		
Naterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes		
Black-tailed godwit (Limosa limosa islandica)		No	No	No	No	Yes	Yes	Yes	Yes		
Black-tailed godwit (Limosa limosa islandica)		No	No	No	No	Yes	Yes	Yes	Yes		
Bar-tailed godwit (Limosa lapponica)		No	No	No	No	Yes	Yes	Yes	Yes		
Whimbrel (Numenius phaeopus)		No	No	No	No	Yes	Yes	Yes	Yes		
Eurasian curlew (Numenius arquata)		No	No	No		Yes	Yes	Yes	Yes		
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes		
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes		
Common greenshank (Tringa nebularia)		No	No	No	No	Yes	Yes	Yes	Yes		
Ruddy turnstone (Arenaria interpres)		No	No	No	No	Yes	Yes	Yes	Yes		
Little tern (Sterna albifrons)		No	No	No	No	Yes	Yes	Yes	Yes		
· · · · · · · · · · · · · · · · · · ·											
Light-bellied brent goose (Branta bernicla hrota)		No No	No No	No No	No No	Yes	Yes	Yes	Yes		
Common shelduck (Tadorna tadorna)		No	No No	No No	No No	Yes	Yes	Yes	Yes		
European golden plover (Pluvialis apricaria)		No	No	No	No No	Yes	Yes	Yes	Yes		
Eurasian marsh harrier (Circus aeruginosus)		No	No	No	No	Yes	Yes	Yes	Yes		
Common goldeneye (Bucephala clangula)		No	No	No	No	Yes	Yes	Yes	Yes		
Eurasian oystercatcher (Haematopus ostralegus)		No	No	No	No	Yes	Yes	Yes	Yes		
Pied avocet (Recurvirostra avosetta)		No	No	No	No	Yes	Yes	Yes	Yes		
Eurasian wigeon (Anas penelope)		No	No	No	No	Yes	Yes	Yes	Yes		
urasian teal (Anas crecca)		No	No	No	No	Yes	Yes	Yes	Yes		
Common pochard (Aythya ferina)		No	No	No	No	Yes	Yes	Yes	Yes		
Pied avocet (Recurvirostra avosetta)		No	No	No	No	Yes	Yes	Yes	Yes		
Ringed plover (Charadrius hiaticula)		No	No	No	No	Yes	Yes	Yes	Yes		
Ringed plover (Charadrius hiaticula)		No	No	No	No	Yes	Yes	Yes	Yes		
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes		

Designated Sites and Interest Features	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes			
(present within the Licence Block or within 10km)	within block?	If a	activity is withi	n European s	ite?	If a	ctivity is outsid	le European :	site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D				
ower Derwent Valley SAC	No		l				<u> </u>			This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities			
owland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.			
Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(accret) directed.			
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Thorne Moor SAC	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D			
Degraded raised bogs still capable of natural egeneration		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.			
Humber Estuary SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that			
Sandbanks which are slightly covered by sea water all he time		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in			
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).			
Mudflats and sandflats not covered by seawater at low ide		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.			
Coastal lagoons		Yes	No	No	No	Yes	Yes	Yes	Yes				
Salicornia and other annuals colonizing mud and sand		Yes	No	No	No	Yes	Yes	Yes	Yes				
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		Yes	No	No	No	Yes	Yes	Yes	Yes				
Embryonic shifting dunes		Yes	No	No	No	Yes	Yes	Yes	Yes				
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes				
Fixed coastal dunes with herbaceous vegetation ("grey dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes				
Dunes with Hippopha rhamnoides		Yes	No	No	No	Yes	Yes	Yes	Yes				
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes				
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes				
Grey seal (Halichoerus grypus)		No	No	No	No	Yes	Yes	Yes	Yes				
River Derwent SAC Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion regetation	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface, the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI.			
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the			
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.			
Bullhead (Cottus gobio)		Yes	No	No	No	Yes	Yes	Yes	Yes				
Otter (Lutra lutra)		Yes	No	No	No	Yes	Yes	Yes	Yes				
Skipwith Common SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities			
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes		Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section			
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.			

Licence block: SE73										
Granting of licence proposed?:	Yes									
Conditions proposed for the lic	ence									
	erlapping areas									e prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to n Appendix E). The sites in which Stage A activities are prohibited are: Lower Derwent Valley
Advice proposed with the licen	се									
The following advice is given:										
- This block has European sites within it, or within a alternative siting may be required by authorities fur						of a European	site is consid	dered to be of	f a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
	populations, is the	nerefore consid	dered to be of	a potentially	sensitive nat	ure (due to its	proximity to	the European	site) such th	ould be vulnerable to activities occurring outside the designated site itself. Land within 10km at mitigation and/or alternative siting may be required by authorities further considering HRA Derwent Valley SPA, Humber Estuary SPA.
	nsidered to be of	f a potentially s	ensitive natur	re (due to its p	potential con	nectivity to a E	European site			coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a or alternative siting may be required by authorities further considering HRA issues for
	due to its potentia									site, and which is also within 200 metres of a contributory watercourse to that site, is as further considering HRA issues for specific project-level operations. The European sites
	ntributory waterco	ourse to that sit	te, is consider	red to be of a	potentially se	ensitive nature	e (due to its p	otential to be	used by otte	curring outside the designated site itself. Land that is within 10km of a site supporting rs) such that mitigation and/or alternative siting may be required by authorities further C.
supporting noise or vibration sensitive features is c	considered to be	of a potentially	sensitive nati	ure (due to its	proximity to	the European	n site) such th	at mitigation	and/or alterna	well as Stage B, C and D activities). Land within approximately 1km of a European site ative siting may be required by authorities further considering HRA issues for specific project and Valley SPA, Humber Estuary SPA, Humber Estuary SPA, River Derwent SAC.
- More detailed information relating to designated s	sites taken into a	ccount in this a	ssessment ca	an be viewed	by accessing	the following	link: http://jn	cc.defra.gov.u	uk/page-4	
- The location of the block and the relevant Europe	an sites are illus	trated on the co	orresponding	man in Anner	ndix F					
The location of the block and the relevant Europe	an onco are mas		orreopenang	ттар ттуррог	IGIX E.					
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can St	age A, B, C o	or D activitie	s be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?									
TOKIN		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
		go / .		90	30 -		290 2	2.2.90		

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activiti	ies be carried	l out without	AEOI?		Notes
10km)	WILIIII DIOCK?	If a	activity is with	in European :	site?	If a	ctivity is outsi	de European	site?	1
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	+
Humber Estuary Ramsar	No	Ů		Ů	Ů		Ů		Ů	This sits is outside the license block ever 1km from the block boundary Stage A. B. C. and D. activities
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Criterian 1 cites containing representative rare or		2/0	2/2	n/o	n/o	Voo	Voo	Voo	Voo	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 8 - important source of food for fishes, spawning		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ground, nursery and/or migration path Lower Derwent Valley Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Criterion 6 - regularly supports 1% of the individuals in a		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
population of one species/subspecies of waterbirds Criterion 4 - supports plant/animal species at a critical		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
stage in their life cycles, or provides refuge										
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	
Lower Derwent Valley SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Ruff (Philomachus pugnax)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
Tundra swan (Cygnus columbianus bewickii)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Eurasian wigeon (Anas penelope)		No	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Eurasian teal (Anas crecca)		No	No	No	No	Yes	Yes	Yes	Yes	illocitos occitor (aborto) circula do riologi.
Northern shoveler (Anas clypeata)		No	No	No	No	Yes	Yes	Yes	Yes	
European golden plover (Pluvialis apricaria)		No	No	No	No	Yes	Yes	Yes	Yes	
Humber Estuary SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Great bittern (Botaurus stellaris)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Great bittern (Botaurus stellaris)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Greater scaup (Aythya marila)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Mallard (Anas platyrhynchos)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern lapwing (Vanellus vanellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Red knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Red knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ruff (Philomachus pugnax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Whimbrel (Numenius phaeopus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

esignated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activiti	es be carried	d out without	AEOI?		Notes				
present within the Licence Block or within 0km)	within block?	If a	activity is with	in European :	site?	If a	activity is outsi	de European	site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					
ommon redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
ommon redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
ommon greenshank (Tringa nebularia)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
uddy turnstone (Arenaria interpres)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
ttle tern (Sterna albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
ght-bellied brent goose (Branta bernicla hrota)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
ommon shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
uropean golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
urasian marsh harrier (Circus aeruginosus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
ommon goldeneye (Bucephala clangula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
urasian oystercatcher (Haematopus ostralegus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
ed avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
urasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
urasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
ommon pochard (Aythya ferina)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
ed avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
nged plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
nged plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
en harrier (Circus cyaneus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
ower Derwent Valley SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (
owland hay meadows (Alopecurus pratensis, anguisorba officinalis)		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to action near the surface, the following should be noted:				
luvial forests with Alnus glutinosa and Fraxinus celsior (Alno-Padion, Alnion incanae, Salicion albae)		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage B, C and D activities within the European site boundary are considered likely to result in see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the contraction of the contrac				
tter (Lutra lutra)		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.				
umber Estuary SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D ac				
andbanks which are slightly covered by sea water all e time		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' ser (above) should be noted.				
stuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
udflats and sandflats not covered by seawater at low le		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
pastal lagoons		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
alicornia and other annuals colonizing mud and sand		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
lantic salt meadows (Glauco-Puccinellietalia maritimae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
nbryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
ifting dunes along the shoreline with Ammophila enaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
ked coastal dunes with herbaceous vegetation ("grey ines")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
nes with Hippopha rhamnoides		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
ea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
ver lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					

Assessment of Effects on										
Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	lf e	activity is withi	in European s	site?	If a	out without a	de European		Notes
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
River Derwent SAC Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Sea lamprey (Petromyzon marinus) River lamprey (Lampetra fluviatilis)		No No	No No	No No	No No	Yes Yes	Yes Yes	Yes Yes	Yes Yes	AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Bullhead (Cottus gobio) Otter (Lutra lutra)		Yes Yes	No No	No No	No No	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
Skipwith Common SAC Northern Atlantic wet heaths with Erica tetralix European dry heaths		n/a n/a		n/a n/a	n/a n/a	Yes Yes	Yes Yes	Yes Yes	Yes Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Lower Derwent Valley Ramsar, Lower Derwent Valley SPA, River Derwent SAC.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Lower Derwent Valley Ramsar. Lower Derwent Valley SPA.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Lower Derwent Valley SAC, River Derwent SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Lower Derwent Valley Ramsar, Lower Derwent Valley SPA, River Derwent SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?	
10km)		If a	activity is with	in European :	site?	If a	ctivity is outsi	de European	site?
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D
Lower Derwent Valley Ramsar	Yes	•	•	•		•	•	•	•
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	1	Yes	No	No	No	Yes	Yes	Yes	Yes
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes
Criterion 5 - regularly supports 20,000 or more waterbirds	5	No	No	No	No	Yes	Yes	Yes	Yes
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:

- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).

Notes

- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Stage B No	No N		Yes	Yes	Stage C Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted. This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted:
No No No No No No No No	No No No No No No No No	No No No No No No No No	Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted. This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
No No No No No No No No	No No No No No No No	No No No No No No No	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted. This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
No No No No No No No No	No No No No No No No	No No No No No No No	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes	Yes	Yes Yes Yes Yes Yes Yes Yes Yes Yes	or near the surface", the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI - see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted. This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface", the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
No No No No No No	No No No No No No	No No No No No No	Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes Yes Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted. This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
No No No No No	No No No No No	No No No No No	Yes Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes	Yes Yes Yes Yes Yes Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted. This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
No No No No	No No No No	No No No No	Yes Yes Yes Yes Yes Yes	Yes Yes Yes Yes	Yes Yes Yes Yes	Yes Yes Yes Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities a or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
No No No No	No No No No	No No No No	Yes Yes Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
No No No	No No No	No No No	Yes Yes Yes Yes	Yes Yes Yes	Yes Yes	Yes Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
No No No	No No No	No No No	Yes Yes Yes	Yes Yes	Yes Yes	Yes Yes	 Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the
No No	No No	No No	Yes Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
No No	No No	No No	Yes Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
No	No	No	Yes				see 'Conditions proposed for the licence' (above) for activities occurring outside the boundary of the European site, the 'Advice proposed with the
				Yes	Yes	Yes	
No	No	No	Vec				
No	No	No	Vaa				This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
		110	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
No	No	No	Yes	Yes	Yes	Yes	
No	No	No	Yes	Yes	Yes	Yes	
							This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
							This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
	No n/a n/a	No No No n/a n/a n/a n/a n/a	No No n/a n/a n/a n/a n/a n/a n/a	No No Yes n/a n/a n/a Yes n/a n/a n/a Yes	No No Yes Yes n/a n/a n/a Yes Yes n/a n/a n/a Yes Yes	No No No Yes Yes Yes n/a n/a n/a Yes Yes Yes n/a n/a n/a Yes Yes Yes	No No No Yes Yes Yes Yes n/a n/a n/a Yes Yes Yes Yes n/a n/a n/a Yes Yes Yes Yes

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Lower Derwent Valley Ramsar, Lower Derwent Valley SPA, River Derwent SAC.

Advice proposed with the licence

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Lower Derwent Valley Ramsar, Lower Derwent Valley SPA.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Lower Derwent Valley SAC, River Derwent SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Lower Derwent Valley Ramsar, Lower Derwent Valley SPA, River Derwent SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessm	ent of	Effects on	
Relevant	Europ	ean Sites	

Relevant European Sites														
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	Notes						
10km)		If activity is within European site? If activity is outside European s												
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					
Lower Derwent Valley Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that				
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	•	Yes	No	No	No	Yes	Yes	Yes	res	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in				
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.				
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes					
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes					
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes					

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?			• , ,	or D activitie				" 0	Notes
10km)		If a	ctivity is withi	n European s	site?	If a	ctivity is outsic	ie European s	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Lower Derwent Valley SPA	Yes	•	<u> </u>	<u>'</u>	<u>'</u>	<u>'</u>			<u> </u>	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Ruff (Philomachus pugnax)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
Tundra swan (Cygnus columbianus bewickii)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Eurasian wigeon (Anas penelope)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Eurasian teal (Anas crecca)		No	No	No	No	Yes	Yes	Yes	Yes	(
Northern shoveler (Anas clypeata)		No	No	No	No	Yes	Yes	Yes	Yes	
European golden plover (Pluvialis apricaria)		No	No	No	No	Yes	Yes	Yes	Yes	
Lower Derwent Valley SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI –
Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)		Yes	No	No	No	Yes	Yes	Yes	Yes	Stage B, C and b activities within the European site buildary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Otter (Lutra lutra)		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
River Derwent SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Bullhead (Cottus gobio)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Strensall Common SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage A, B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Lower Derwent Valley Ramsar, Lower Derwent Valley SPA.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Lower Derwent Valley SAC, River Derwent SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Lower Derwent Valley Ramsar, Lower Derwent Valley SPA, River Derwent SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes
10km)			activity is with	in European s	site?	If a	ctivity is outs	ide European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Lower Derwent Valley Ramsar	No			•	•		•	•	•	This site is outside the licence block, over
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	y	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do n AEOI. With regard to activities at or near (above) should be noted.
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 5 - regularly supports 20,000 or more waterbirds	S	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activitie undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European	site?	If a	ctivity is outs	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Lower Derwent Valley SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activitie
Ruff (Philomachus pugnax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Tundra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern shoveler (Anas clypeata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Lower Derwent Valley SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Lowland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (shoul) behalf
Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River Derwent SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Bullhead (Cottus gobio)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Strensall Common SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage A, B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are River Derwent SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on

Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?												
10km)		If a	activity is with	in European s	site?	If a	If activity is outside European site?							
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					
River Derwent SAC	Yes													
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		Yes	No	No	No	Yes	Yes	Yes	Yes					
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes					
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes					
Bullhead (Cottus gobio)		Yes	No	No	No	Yes	Yes	Yes	Yes					
Otter (Lutra lutra)		Yes	No	No	No	Yes	Yes	Yes	Yes					

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:

- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).

Notes

- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Licence bl	ock: SE78f		
Granting of	f licence propos	ed?: Yes	
Condition	proposed for th	e licence	

Advice proposed with the licence

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are North York Moors SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are North York Moors SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on															
Relevant European Sites															
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	out without	Notes							
10km)	within block?	If a	activity is withi	in European s	site?	If a	ctivity is outsi	de European	site?						
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D						
North York Moors SPA	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D					
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence'					
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	section (above) should be noted.					
North York Moors SAC	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D					
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence'					
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	section (above) should be noted.					
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: North York Moors

Advice proposed with the licence

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are North York Moors SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are North York Moors SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects	on
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Relevant Euro	pean Sites
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Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes
10km)		lf a	activity is with	in European :	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
North York Moors SPA	Yes		•						1	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Merlin (Falco columbarius)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
European golden plover (Pluvialis apricaria)		No	No	No	No	Yes	Yes	Yes	Yes	Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Eller`s Wood and Sand Dale SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Petrifying springs with tufa formation (Cratoneurion)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Geyer`s whorl snail (Vertigo geyeri)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Arnecliff and Park Hole Woods SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Old sessile oak woods with Ilex and Blechnum in the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Killarney fern (Trichomanes speciosum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) siliculu be licieu.

ssessment of Effects on elevant European Sites												
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	If a	Can S	• , ,		es be carried		AEOI? de European	site?	Notes		
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D			
North York Moors SAC Northern Atlantic wet heaths with Erica tetralix European dry heaths Blanket bogs (priority feature if active bog)	Yes	Yes	No No No	No No No	No No No	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.		
Fen Bog SAC Transition mires and quaking bogs	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.		

_icence block: SE8₄	1
Granting of licence	proposed?: Yes

No conditions proposed.

Advice proposed with the licence

- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Lower Derwent Valley Ramsar, Lower Derwent Valley SPA.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Lower Derwent Valley SAC, River Derwent SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Lower Derwent Valley Ramsar, Lower Derwent Valley SPA, River Derwent SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on															
Relevant European Sites	· · · · · · · · · · · · · · · · · · ·														
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?			Stage A, B, C				lotes							
10km)		If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?						
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D						
Lower Derwent Valley Ramsar	No					1			1	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities					
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	1	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.					
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Criterion 5 - regularly supports 20,000 or more waterbirds	3	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
10km)	Within Siook.	If a	activity is with	in European :	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
ower Derwent Valley SPA	No				•		•			This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
duff (Philomachus pugnax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
/aterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
undra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
urasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
urasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
lorthern shoveler (Anas clypeata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
uropean golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ower Derwent Valley SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activi
owland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to rest AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' s (above) should be noted.
Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be holed.
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River Derwent SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activit
Vater courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion egetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sectio (above) should be noted.
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
iver lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

∟icence block: SE85	
Granting of licence proposed?:	Yes

No conditions proposed.

Advice proposed with the licence

The following advice is given:

- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Lower Derwent Valley Ramsar, Lower Derwent Valley SPA.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Lower Derwent Valley SAC, River Derwent SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Lower Derwent Valley Ramsar, Lower Derwent Valley SPA, River Derwent SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant European Sites

tolovalit = all o poull of too											
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	Notes			
10km)		If activity is within European site?				If a	ctivity is outsi	de European :	site?		
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Lower Derwent Valley Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities	
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	/	n/a	n/a	n/a	n/a	Yes	Yes	Yes		undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Criterion 5 - regularly supports 20,000 or more waterbirds	3	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
10km)	Within Siook.	If a	activity is with	in European :	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
ower Derwent Valley SPA	No				•		•			This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
duff (Philomachus pugnax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
/aterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
undra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
urasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
urasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
lorthern shoveler (Anas clypeata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
uropean golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ower Derwent Valley SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D act undertaken at depth (so that effects do not register at surface) are not considered likely to result AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sec (above) should be noted.
owland hay meadows (Alopecurus pratensis, Sanguisorba officinalis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be holed.
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River Derwent SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activit
Vater courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion egetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sectio (above) should be noted.
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
iver lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: SE86b
Granting of licence proposed?: Ye

No conditions proposed.

Advice proposed with the licence

The following advice is given:

- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are River Derwent SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessm	ent of	f Effects on
Relevant	Euror	nean Sites

present within the Licence Block or within	within block?		Can Stage A, B, C or D activities be carried out without AEO!?											
10km)		If a	activity is with	in European s	site?	If a	ctivity is outsi	ide European	site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					
River Derwent SAC	No									This site is outside the licence				
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that e AEOI. With regard to activities (above) should be noted.				
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					

This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SE87b										
Granting of licence proposed?	: Yes									
-										
Conditions proposed for the li	cence									
No conditions proposed.										
Advice proposed with the licer	nce									
The following advice is given:										
considered to be of a potentially sensitive nature potentially vulnerable in or near this block are Riv - Otters (Lutra lutra) travel along rivers and their totters, and which is also within 200 metres of a considering HRA issues for specific project-level of the supporting noise or vibration sensitive features is level operations. The European sites with features - More detailed information relating to designated - The location of the block and the relevant European sites with resulting to the supporting noise or vibration sensitive features is level operations. The European sites with features - More detailed information relating to designated - The location of the block and the relevant European sites with relevant European sit	(due to its potential ver Derwent SAC. Irributaries, and occontributory watercoperations. The Elimates species; fish; reconsidered to be a potentially vulner a sites taken into a	casionally use course to that curopean sites marine mamn of a potential erable to this i	e semi-natura site, is consid s potentially vi mals) are pote lly sensitive na in or near this s assessment	al habitats beyondered to be of a rulnerable in or entially sensitive lature (due to its block are Rivet to an be viewed)	yond the ripariate of a potentially some near this blookive to noise or its proximity to yer Derwent Some ded by accessing	n and/or alter ian corridor, a sensitive nat ock are River r vibration eff to the Europe SAC.	and so could be ature (due to its per Derwent SAC. ffects associated ean site) such the	e vulnerable to potential to be . d with Stage A hat mitigation	d by authorities of activities of used by otte	site, and which is also within 200 metres of a contributory watercourse to that site, is is further considering HRA issues for specific project-level operations. The European sites curring outside the designated site itself. Land that is within 10km of a site supporting rs) such that mitigation and/or alternative siting may be required by authorities further well as Stage B, C and D activities). Land within approximately 1km of a European site tive siting may be required by authorities further considering HRA issues for specific project
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carrie	ed out without	AEOI?		Notes
10km)		If a	activity is with	nin European s	site?	If	f activity is outsi	de European :	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Eller`s Wood and Sand Dale SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Petrifying springs with tufa formation (Cratoneurion)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Geyer`s whorl snail (Vertigo geyeri)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
River Derwent SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

n/a

Bullhead (Cottus gobio)

Otter (Lutra lutra)

n/a

n/a

n/a

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Licence block: SE87e										
Granting of licence proposed?	: Yes									
Conditions proposed for the lice	cence									
No conditions proposed.										
Advice proposed with the licen	ice									
The following advice is given:										
his block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or ernative siting may be required by authorities further considering HRA issues for specific project-level operations.										
considered to be of a potentially sensitive nature (Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is nsidered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites tentially vulnerable in or near this block are River Derwent SAC.									
	ntributory waterc	ourse to that	site, is conside	ered to be of a	a potentially s	ensitive natur	e (due to its p			curring outside the designated site itself. Land that is within 10km of a site supporting rs) such that mitigation and/or alternative siting may be required by authorities further
- Some of European site interest features (e.g. bird supporting noise or vibration sensitive features is of level operations. The European sites with features	considered to be	of a potential	ly sensitive na	ture (due to it	s proximity to	the Europear	ets associated n site) such th	with Stage A at mitigation a	activities (as and/or alterna	well as Stage B, C and D activities). Land within approximately 1km of a European site ative siting may be required by authorities further considering HRA issues for specific project
- More detailed information relating to designated	sites taken into a	ccount in this	assessment of	can be viewed	by accessing	g the following	g link: http://jn	cc.defra.gov.u	ık/page-4	
- The location of the block and the relevant Europe	ean sites are illus	trated on the	corresponding	map in Appe	endix E.					
				, , , , , , ,						
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?					es be carried	out without	AEOI?		Notes
10km)		If a	ctivity is withii	n European s	ite?	If ac	ctivity is outsid	de European s	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

Neievant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
10km)		If a	If activity is within European site? If activity is outside European site?							
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
River Derwent SAC	No		•	•	•	•	•	•		This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	165	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

_i	cence	block	c: SE8	8c		
Gı	ranting	of li	cence	prop	osed?:	Yes

No conditions proposed.

Advice proposed with the licence

- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are North York Moors SPA.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are North York Moors SPA, River Derwent SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on		<u> </u>	<u> </u>		<u> </u>	<u> </u>				
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes
10km)		If .	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
North York Moors SPA	No	•	•	•	•	•	•		•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Eller`s Wood and Sand Dale SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Petrifying springs with tufa formation (Cratoneurion)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Geyer`s whorl snail (Vertigo geyeri)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
North York Moors SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
10km)	With Diook.	If a	ctivity is withi	n European s	site?	If a	ctivity is outsid	le European :	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
River Derwent SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: SE95										
Granting of Licence Proposed?: Y	es									
Condtions proposed for the										
Advice proposed for the licence										
Assessment of Effects on Relevan	t Europ	ean Sit	es							
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site		Can Stag	e A, B, C o	r D activitie	es be carri	ed out with	out AEOI?		Notes
	within If activity is within European site? If activity is outside European site?									
	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
						none				

Licence block: SE96a
Granting of licence proposed?: Ye

No conditions proposed.

Advice proposed with the licence

The following advice is given:

- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are River Derwent SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessm	ent	of	Effe	cts	on
Relevant	Eur	go	ean	Site	s

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?											
10km)		If a	activity is with	in European s	site?	If a	If activity is outside European site?						
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D				
River Derwent SAC	No												
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				

This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Notes

Licence block: SE97a									
Granting of licence proposed	d?: Yes								
Conditions proposed for the	licence								
No conditions proposed.									
Advice proposed with the lic	ence								
The following advice is given:									
to that site, is considered to be of a potentially level operations. The European sites potentially - Otters (Lutra lutra) travel along rivers and the a site supporting otters, and which is also with be required by authorities further considering leading of a European site supporting noise or vibratic considering HRA issues for specific project-leading in some instances, bird species that are asset	sensitive nature lly vulnerable in eir tributaries, ar in 200 metres o HRA issues for s birds species; on sensitive feativel operations. To ociated with SPA aar site designate A issues for spe	e (due to its pote or near this block of a contributory specific project-fish; marine maures is consider the European side of for its bird pocific project-level.	tential connectivities are River Der vuse semi-natura vuse semi-natura vuse tentered to be of a posities with features tamsar sites may appulations, is the vel operations.	ty to a Éuropean went SAC. I habitats beyond hat site, is consisted the European sentially sensitive tentially sensitive tentially sensitive to potentially vulnurely on non-designere considere the European site.	d the riparian idered to be of sites potential to noise or vile nature (due nerable to this signated habits ed to be of a pees potentially	at mitigation corridor, and f a potentiall ly vulnerable oration effect to its proxim in or near th otentially se vulnerable in	and/or altern so could be y sensitive n in or near th s associated ty to the Eur s block are lee European nsitive nature or near this	vulnerable tature (due to his block are l with Stage opean site): River Derwe site bounda e (due to its block are Fl	A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further nt SAC. ries, and so could be vulnerable to activities occurring outside the designated site proximity to the European site) such that mitigation and/or alternative siting may be amborough and Filey Coast pSPA.
- The location of the block and the relevant Eu					,	g			
Assessment of Effects on Relevant European Sites									
Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within		Can Stage A, E	3, C or D activiti	ies be carried	Notes			
within 10km)	block?	If activit	ity is within Europ	ean site?	If act	ivity is outsid	le European	site?	
		Stage A S	Stage B Stage	e C Stage D	Stage A	Stage B	Stage C	Stage D	

This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered

likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Eller's Wood and Sand Dale SAC

Geyer's whorl snail (Vertigo geyeri)

Petrifying springs with tufa formation (Cratoneurion)

n/a

n/a

n/a

n/a

n/a

n/a

n/a

n/a

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features	Is Euro. site within		Can Sta	ge A, B, C	or D activitie	s be carrie	d out withou	it AEOI?		Notes
(present within the Licence Block or within 10km)	block?	If ac	tivity is withi	n European	site?	If ac	tivity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
River Derwent SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Flamborough and Filey Coast pSPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Black-legged kittiwake (Rissa tridactyla)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Gannet (Morus bassanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Common guillemot (Uria aalge albionis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Razorbill (Alca torda islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Seabird assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: SE97c Granting of licence proposed?	y Voc									
Granting of licence proposed	Tes									
Conditions proposed for the li	cence									
No conditions proposed.										
Advice proposed with the lice	nce									
The following advice is given:										
considered to be of a potentially sensitive nature potentially vulnerable in or near this block are Riv - Otters (Lutra lutra) travel along rivers and their totters, and which is also within 200 metres of a considering HRA issues for specific project-level - Some of European site interest features (e.g. bi	(due to its potential er Derwent SAC. ributaries, and occontributory watercopperations. The Euds species; fish; reconsidered to be a spotentially vulne sites taken into an	casionally use course to that uropean sites marine mamn of a potential rable to this i	y to a Europe. e semi-natura site, is conside potentially vi nals) are pote ly sensitive na n or near this assessment	an site) such al habitats be dered to be o ulnerable in entially sensi ature (due to s block are R can be view	eyond the ripar of a potentially or near this bl tive to noise o o its proximity tiver Derwent s	on and/or alternation and/or alternation corridor, and is sensitive naturation and are river to the Europea SAC.	native siting manual so could be the could b	e vulnerable t potential to be d with Stage A hat mitigation	d by authoritie o activities occ e used by otter A activities (as and/or alterna	site, and which is also within 200 metres of a contributory watercourse to that site, is as further considering HRA issues for specific project-level operations. The European sites curring outside the designated site itself. Land that is within 10km of a site supporting its) such that mitigation and/or alternative siting may be required by authorities further well as Stage B, C and D activities). Land within approximately 1km of a European site attive siting may be required by authorities further considering HRA issues for specific project
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	If a	Can Sactivity is with	•	site?			AEOI? ide European Stage C	site? Stage D	Notes
River Derwent SAC Water courses of plain to montane levels with the	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Panunculian fluitantic and Callitricha Patrachian		III a	ıııd	ina	ıı/a	100	103	100	103	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section

Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?			Stage A, B, C						Notes
10km)		If a	If activity is within European site?				ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
River Derwent SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	162	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: SE98c										
Granting of licence proposed	d?: Yes									
Conditions proposed for the	licence									
No conditions proposed.										
Advice proposed with the lic	ence									
•										
The following advice is given:										
n some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site elf. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be quired by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are North York Moors SPA; Flamborough and Filey Coast pSPA.										
o that site, is considered to be of a potentially	Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-vel operations. The European sites potentially vulnerable in or near this block are River Derwent SAC.									
, ,	in 200 metres o	of a contribute	ory watercou	urse to that s	site, is consid	dered to be o	f a potentiall	y sensitive n	ature (due to	to activities occurring outside the designated site itself. Land that is within 10km of its potential to be used by otters) such that mitigation and/or alternative siting may River Derwent SAC.
of a European site supporting noise or vibratio	on sensitive feat	tures is consid	idered to be	of a potentia	ially sensitive	nature (due	to its proxim	ity to the Eur	opean site) :	A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further Moors SPA, River Derwent SAC; Flamborough and Filey Coast pSPA.
More detailed information relating to designa	ted sites taken	into account	in this asser	ssment can	be viewed b	y accessing t	the following	link: http://jn	cc.defra.gov	.uk/page-4
The location of the block and the relevant Eu	ropean sites ar	e illustrated (on the corre	sponding m	an in Append	dix F				
	Topour once I	o madriate i	/II 6.10 00.1.11	,po	хр г.ррс	L.				
Assessment of Effects on										
Relevant European Sites										
	Is Euro. site		Can Sta	ge A, B, C	or D activitie	es be carried	d out withou	it AEOI?		Notes
present within the Licence Block or within 10km)	within block?	If act	tivity is within	n European	site?	If act	tivity is outsid	de European	site?	
	DIOON!	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
North York Moors SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features	Is Euro. site		Can Sta	age A, B, C	or D activitie	es be carrie	d out withou	it AEOI?		Notes		
(present within the Licence Block or within 10km)	within block?	If ac	ctivity is with	in European	site?	If ac	tivity is outsi	de Europear	site?			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D			
Eller`s Wood and Sand Dale SAC	No	•		•	•	•		•	•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D		
Petrifying springs with tufa formation (Cratoneurion)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed		
Geyer`s whorl snail (Vertigo geyeri)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.		
North York Moors SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D		
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed'		
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.		
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
River Derwent SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D		
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.		
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Flamborough and Filey Coast pSPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D		
Black-legged kittiwake (Rissa tridactyla)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered		
Gannet (Morus bassanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.		
Common guillemot (Uria aalge albionis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Razorbill (Alca torda islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Seabird assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: North York Moors SPA

Advice proposed with the licence

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are North York Moors SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are North York Moors SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

As	sess	ment	of	Effects on	
_	_				

Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	Notes		
10km)		If a	If activity is within European site?				ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
North York Moors SPA	Yes	•	•	•	•	•	•		•	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Merlin (Falco columbarius)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
European golden plover (Pluvialis apricaria)		No	No	No	No	Yes	Yes	Yes	Yes	Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Eller`s Wood and Sand Dale SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Petrifying springs with tufa formation (Cratoneurion)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Geyer`s whorl snail (Vertigo geyeri)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes
10km)	Within block?	If a	activity is with	in European :	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Beast Cliff – Whitby (Robin Hood`s Bay) SAC	Yes	•	•	•	•	•	•	•	•	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
North York Moors SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Northern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in AEOI –
Blanket bogs (priority feature if active bog)		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Fen Bog SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SJ56	
Granting of licence proposed?: Yes	
Conditions proposed for the licence	
Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European site(s) in this block.	
Advice proposed with the licence	
The following advice is given:	
- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.	•
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Mersey Estuary Ramsar, Mersey Estuary SPA.	10km Ig HRA
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European potentially vulnerable in or near this block are River Dee and Bala Lake/ Afon Dyfrdwy a Llyn Tegid SAC.	sites
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Dee and Bala Lake/ Afon Dyfrdwy a Llyn Tegid SAC.	J
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European s supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific level operations. The European sites with features potentially vulnerable to this in or near this block are Mersey Estuary Ramsar, Mersey Estuary SPA, River Dee and Bala Lake/ Afon Dyfrdwy a Llyn Tegid SAC.	ite project
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4	
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.	
Assessment of Effects on	
Relevant European Sites	
Designated Sites and Interest Features Is Euro. site Can Stage A, B, C or D activities be carried out without AEOI? Notes	

Assessifient of Effects off													
Relevant European Sites													
Designated Sites and Interest Features	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes			
(present within the Licence Block or within 10km)	If activity is within European site?				If activity is outside European site?								
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D				
Mersey Estuary Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities			
Criterion 5 - regularly supports 20,000 or more waterbirds	S	n/a	n/a	n/a	n/a	Yes	Yes	Yes	162	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section			
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.			

Designated Sites and Interest Features	Is Euro. site		Can S	Stage A, B. C	or D activitie	es be carried	out without	AEOI?		Notes				
	within block?													
		If activity is within European site?				If activity is outside European site?								
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					
Midland Meres and Mosses Phase 1 Ramsar	No				<u> </u>	<u> </u>				This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activi				
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sectio (above) should be noted.				
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	,	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Midland Meres and Mosses Phase 2 Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the context of the conte				
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEO see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.				
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	,	Yes	No	No	No	Yes	Yes	Yes	Yes					
Mersey Estuary SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activit				
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in				
Eurasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sec (above) should be noted.				
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Northern pintail (Anas acuta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Northern lapwing (Vanellus vanellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Great crested grebe (Podiceps cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Oak Mere SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (s				
Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activition near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in Alsee 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.				
Transition mires and quaking bogs		Yes	No	No	No	Yes	Yes	Yes	Yes					

Assessment of Effects on										
Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?	16.0					out without	Notes		
10km)		If activity is within European site?				If activity is outside European site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
West Midlands Mosses SAC	Yes		•	•	•	•	<u>'</u>		•	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Natural dystrophic lakes and ponds		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Transition mires and quaking bogs		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
River Dee and Bala Lake/ Afon Dyfrdwy a Llyn Tegid SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Brook lamprey (Lampetra planeri)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic salmon (Salmo salar)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Floating water-plantain (Luronium natans)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: SJ57

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European site(s) in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Mersey Estuary Ramsar, Mersey Estuary SPA.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Dee and Bala Lake/ Afon Dyfrdwy a Llyn Tegid SAC.
- Otters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Dee and Bala Lake/ Afon Dyfrdwy a Llyn Tegid SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Mersey Estuary Ramsar, Mersey Estuary SPA, River Dee and Bala Lake/ Afon Dyfrdwy a Llyn Tegid SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?											
10km)		If a	activity is with	in European s	site?	If a	If activity is outside European site?						
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D				
Mersey Estuary Ramsar	No												
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Midland Meres and Mosses Phase 1 Ramsar	Yes												
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes				
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		Yes	No	No	No	Yes	Yes	Yes	Yes				

This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Notes

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:

- Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above).
- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	ite?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Midland Meres and Mosses Phase 2 Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	,	Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Mersey Estuary SPA	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to
Eurasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern pintail (Anas acuta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern lapwing (Vanellus vanellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Great crested grebe (Podiceps cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Oak Mere SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
West Midlands Mosses SAC	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D
Natural dystrophic lakes and ponds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence'
Transition in the quality sogo						.00	.00		.00	section (above) should be noted.
River Dee and Bala Lake/ Afon Dyfrdwy a Llyn Tegid SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
SAC Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Brook lamprey (Lampetra planeri)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic salmon (Salmo salar)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Floating water-plantain (Luronium natans)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European site(s) in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessm	ent of	Effects on	
Relevant	Europ	ean Sites	

Relevant European Sites											
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes	
10km)		If a	activity is with	in European s	ite?	If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Midland Meres and Mosses Phase 1 Ramsar	Yes	•	•	•	•	•	•	•	•	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that	
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI –	
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the Licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	
Midland Meres and Mosses Phase 2 Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities	
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be holed.	
Fenn`s, Whixall, Bettisfield, Wem and Cadney Mosses SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in	
Active raised bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
Degraded raised bogs still capable of natural regeneration		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.	
West Midlands Mosses SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that	
Natural dystrophic lakes and ponds		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:	
Transition mires and quaking bogs		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted. 	

Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can Stage A, B, C or D activities be carried out without AEOI?							Notes
10km)		If	activity is with	nin European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Brown Moss SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Floating water-plantain (Luronium natans)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	res	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European site(s) in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessm	ent	of	Effe	cts	on
Relevant	Fur	on	ean	Site	26

Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	Notes		
10km)		If activity is within European site?				If activity is outside European site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Midland Meres and Mosses Phase 1 Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	,	Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Midland Meres and Mosses Phase 2 Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	1	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be holed.
Oak Mere SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) silvulu be livieu.

Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	out without	Notes		
10km)		If a	activity is withi	in European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
West Midlands Mosses SAC	Yes		•	<u>'</u>	<u>'</u>	•	•	<u> </u>		This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Natural dystrophic lakes and ponds		Yes	No	No	No	Yes	Yes	Yes		effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Transition mires and quaking bogs		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

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Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European site(s) in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on

Relevant European Sites											
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes	
10km)	mann 2000k	If activity is within European site?			site?	If a	ctivity is outsi	ide European	site?		
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Midland Meres and Mosses Phase 1 Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities	
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sectio (above) should be noted.	
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	y	n/a	n/a	n/a	n/a	Yes	Yes	Yes		(above) should be noted.	
Midland Meres and Mosses Phase 2 Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so	
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activitie or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AE	
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	у	Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage 5, C and D activities within the European site boundary are considered likely to result in AE see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the	

- AEOI -
- licence' section (above) should be noted.

Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?	15.0		• , ,	or D activitie			Notes		
10km)		II a	activity is with	ın ⊑uropean s	site?	ır a	ctivity is outsi	ue ⊑uropean .	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Oak Mere SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
West Midlands Mosses SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Natural dystrophic lakes and ponds		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Transition mires and quaking bogs		Yes	No	No	No	Yes	Yes	Yes	Yes	of heal the surface, the loudewing should be noted. - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SJ67	
Granting of licence proposed?:	Yes
Conditions proposed for the lic	ence
No conditions proposed.	
Advice proposed with the licen	ce
The following advice is given:	
	km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or the considering HRA issues for specific project-level operations.
of an SPA, or a Ramsar site designated for its bird	ed with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA ropean sites potentially vulnerable in or near this block are Mersey Estuary Ramsar, Mersey Estuary SPA.
supporting noise or vibration sensitive features is co	s species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site onsidered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project potentially vulnerable to this in or near this block are Mersey Estuary Ramsar, Mersey Estuary SPA.
More detailed information relating to designated si	ites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
The location of the block and the relevant Europea	an sites are illustrated on the corresponding map in Appendix E.
Assessment of Effects on	
Relevant European Sites Designated Sites and Interest Features	In Five cite Can Stone A. P. Can Destruition be convied out without AFOI2
present within the Licence Block or within	Is Euro. site Can Stage A, B, C or D activities be carried out without AEOI? Within block? We describe the investigation of the control of
10km)	If activity is within European site? If activity is outside European site?
	Stage 7. Stage 9. Stage 9. Stage 9. Stage 9. Stage 9.

Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, (C or D activiti	ies be carried	out without	Notes		
present within the Licence Block or within (10km)	within block?	If a	activity is with	in European	site?	If a	activity is outsi	de European	site?	-
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	-
Mersey Estuary Ramsar	No							<u> </u>		This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activ
Criterion 5 - regularly supports 20,000 or more waterbirds	3	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result i AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section.
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Midland Meres and Mosses Phase 1 Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D acti
Criterion 1 - sites containing representative, rare or inique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sect
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	/	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Midland Meres and Mosses Phase 2 Ramsar	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C a
Criterion 1 - sites containing representative, rare or inique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely: result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licen section (above) should be noted.
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	/	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	section (above) should be noted.
Rostherne Mere Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D acti
Criterion 1 - sites containing representative, rare or inique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sect (above) should be noted.
Mersey Estuary SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D act
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section.
Eurasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEUI. With regard to activities at or near the surface, the Advice proposed with the licence section (above) should be noted.
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern pintail (Anas acuta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ladham lanning (Manallus nanallus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern lapwing (Vanellus vanellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)							.,	V	V	
· · · · · · · · · · · · · · · · · · ·		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		n/a n/a	n/a n/a	n/a n/a	n/a n/a	Yes Yes	Yes Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii) Common redshank (Tringa totanus)										
Dunlin (Calidris alpina schinzii) Common redshank (Tringa totanus) Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	If a	Can Stage A, B, C or D activities If activity is within European site?				out without		site?	Notes
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Oak Mere SAC Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae) Transition mires and quaking bogs	No	n/a n/a		n/a n/a	n/a n/a	Yes Yes	Yes Yes	Yes Yes	Yes Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
West Midlands Mosses SAC Natural dystrophic lakes and ponds Transition mires and quaking bogs	No		n/a n/a	n/a n/a	n/a n/a	Yes Yes	Yes Yes	Yes Yes	Yes Yes	This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Rixton Clay Pits SAC Great crested newt (Triturus cristatus)	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SJ75										
Granting of licence proposed?	· Yes									
oraning of moones properties.	100									
Conditions proposed for the lic	ence									
Stage B, C and D activities will be prohibited at or	near to the surfa	ce within the	boundaries of	fall Europear	n site(s) in this	block.				
Advice proposed with the licen	ce									
The following advice is given:										
- This block has European sites within it, or within alternative siting may be required by authorities fu	1km of the block rther considering	boundary. In HRA issues	general, land for specific pro	d within appro oject-level op	oximately 1km perations	of a Europea	n site is cons	idered to be o	of a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
- More detailed information relating to designated s	sites taken into a	account in this	assessment	can be viewe	d by accessin	ng the followin	ng link: http://jr	ncc.defra.gov.	uk/page-4	
- The location of the block and the relevant Europe	an sites are illus	trated on the	corresponding	g map in App	endix E.					
Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site		Can S	Stage A, B, C	C or D activitie	es be carried	d out without	AEOI?		Notes
(present within the Licence Block or Within 10km)	within block?	If &	activity is withi	in European :	site?	If a	activity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Midland Meres and Mosses Phase 1 Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activitie If activity is within European site?				out without activity is outsi		site?	Notes	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Midland Meres and Mosses Phase 2 Ramsar Criterion 1 - sites containing representative, rare or unique wetland types Criterion 2 - supports vulnerable, endangered, or critically		Yes Yes	No No	No No	No No	Yes	Yes Yes	Yes Yes	Yes Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI –
endangered species or threatened eco. communities		ies	NO	NO	NO	les	les	165	ies	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
West Midlands Mosses SAC	Yes	.,				.,	.,	.,	.,	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at
Natural dystrophic lakes and ponds Transition mires and quaking bogs		Yes Yes	No No	No No	No No	Yes Yes	Yes Yes	Yes Yes	Yes Yes	or near the surface', the following should be noted:
Halisiion illies and quaking bogs		Tes	NO	NO	NU	res	res	ies	ies	 Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

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Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European site(s) in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant European Sites

Relevant European Sites										
	Is Euro. site within block?		Can S	Stage A, B, C	or D activiti	ties be carried	out without	Notes		
10km)		If activity is within European site?				If a	activity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Midland Meres and Mosses Phase 1 Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes		effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI –
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		Yes	No	No	No	Yes	Yes	Yes		ee 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the cence' section (above) should be noted.
Midland Meres and Mosses Phase 2 Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	103	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
West Midlands Mosses SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Natural dystrophic lakes and ponds		n/a	n/a	n/a	n/a	Yes	Yes	Yes		undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.

Licence	block: SJ77
	g of licence proposed?: Yes
Condition	ons proposed for the licence
Stage B, C a	nd D activities will be prohibited at or near to the surface within the boundaries of all European site(s) in this block
Advice _I	proposed with the licence
- This block h	advice is given: as European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a E

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment	of Effects on
Relevant Eur	opean Sites

Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes
10km)	William Diook!	If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Midland Meres and Mosses Phase 1 Ramsar	Yes	•	•	•	•	•	•	•	•	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI –
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	/	Yes	No	No	No	Yes	Yes	Yes	Yes	see Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the icence' section (above) should be noted.
Midland Meres and Mosses Phase 2 Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	<i>(</i>	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Rostherne Mere Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Relevant European Sites Designated Sites and Interest Features present within the Licence Block or within	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
present within the Licence Block or within 10km)	WILIIII DIOCK?	lf :	activity is withi	n European s	ite?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Vest Midlands Mosses SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Natural dystrophic lakes and ponds		n/a	n/a	n/a	n/a	Yes	Yes	Yes		undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
ransition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes		(above) should be noted.

Licence block: SJ78										
Granting of licence proposed?	: Yes									
Conditions proposed for the lie	cence									
Stage B, C and D activities will be prohibited at or	near to the surfa	ce within the b	boundaries of	all European	site(s) in this	block.				
Advice proposed with the licer	ice									
The following advice is given:										
- This block has European sites within it, or within alternative siting may be required by authorities fu						of a Europear	site is consi	dered to be of	a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
- More detailed information relating to designated	sites taken into a	ccount in this	assessment of	can be viewed	d by accessin	g the following	link: http://jn	cc.defra.gov.u	ık/page-4	
- The location of the block and the relevant Europe	ean sites are illus	trated on the	corresponding	g map in Appe	endix E.					
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?					es be carried		Notes		
10km)		If a	ctivity is withi	n European s	ite?	If ac	tivity is outsi	de European s	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at

- Stage B, C and D activities within the European site boundary are considered likely to result in AEOI -

- for activities occurring outside the boundary of the European site, the 'Advice proposed with the

or near the surface', the following should be noted:

see 'Conditions proposed for the licence' (above).

licence' section (above) should be noted.

Midland Meres and Mosses Phase 1 Ramsar

unique wetland types

Criterion 1 - sites containing representative, rare or

endangered species or threatened eco. communities

Criterion 2 - supports vulnerable, endangered, or critically

Yes

Yes

No

No

No

No

No

No

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Assessment of Effects on										
Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site		Can	Stage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes
10km)	Within block:	If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Rostherne Mere Ramsar Criterion 1 - sites containing representative, rare or unique wetland types	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Manchester Mosses SAC Degraded raised bogs still capable of natural regeneration	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Rixton Clay Pits SAC Great crested newt (Triturus cristatus)	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SJ84c										
Granting of licence proposed?	: Yes									
Conditions proposed for the lic	ence									
No conditions proposed.										
Advice proposed with the licen	ICB.									
navico propossa marano neon										
The following advice is given:										
- More detailed information relating to designated s	sites taken into a	ccount in this	assessment	can be viewe	d by accessin	ng the followir	ng link: http://jr	cc.defra.gov.	uk/page-4	
- The location of the block and the relevant Europe					•		,	· ·		
The location of the block and the relevant Europe	an sites are illus	trated on the	correspondin	ig iliap ili App	enuix L.					
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	d out without	AEOI?		Notes
10km)	Within Stock.	If a	activity is with	in European s	site?	If a	activity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Midland Meres and Mosses Phase 1 Ramsar	No			ı						This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Criterion 2 - supports vulnerable, endangered, or critically	,	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
endangered species or threatened eco. communities										
Midland Meres and Mosses Phase 2 Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	,	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
endangered species of threatened eco. communities										

Licence block: SK29

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Peak District Moors (South Pennine Moors Phase 1) SPA.

Advice proposed with the licence

The following advice is given:

British Isles

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
10km)	mami biook.	If activity is within European site?				If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Peak District Moors (South Pennine Moors Phase 1) SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a
Eurasian curlew (Numenius arquata)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Short-eared owl (Asio flammeus)		No	No	No	No	Yes	Yes	Yes	Yes	
European golden plover (Pluvialis apricaria)		No	No	No	No	Yes	Yes	Yes	Yes	
Merlin (Falco columbarius)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
South Pennine Moors SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Northern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	 or near the surrace, the following should be noted: Stage B, C and D activities within the European site boundary are considered likely to result in AE see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Blanket bogs (priority feature if active bog)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Transition mires and quaking bogs		Yes	No	No	No	Yes	Yes	Yes	Yes	
Old sessile oak woods with Ilex and Blechnum in the		Yes	No	No	No	Yes	Yes	Yes	Yes	

Licence block: SK36a

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Peak District Moors (South Pennine Moors Phase 1) SPA.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Peak District Dales SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA, Peak District Dales SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link; http://incc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on

Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	Notes		
10km)		If activity is within European site?				If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Peak District Moors (South Pennine Moors Phase 1) SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a'
Eurasian curlew (Numenius arquata)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
Short-eared owl (Asio flammeus)		No	No	No	No	Yes	Yes	Yes	Yes	
European golden plover (Pluvialis apricaria)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Merlin (Falco columbarius)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Gang Mine SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Calaminarian grasslands of the Violetalia calaminariae		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' see (above) should be noted.

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	WITHIN DIOCK?	If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Peak District Dales SAC	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence
Calaminarian grasslands of the Violetalia calaminariae		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	section (above) should be noted.
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Alkaline fens		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Calcareous and calcshist screes of the montane to alpine levels (Thlaspietea rotundifolii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Calcareous rocky slopes with chasmophytic vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Tilio-Acerion forests of slopes, screes and ravines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
White-clawed (or Atlantic stream) crayfish (Austropotamobius pallipes)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Brook lamprey (Lampetra planeri)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bee`s Nest and Green Clay Pits SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D active
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Great crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
South Pennine Moors SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so
Northern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activiti
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in Al
		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above).
Blanket bogs (priority feature if active bog)		V	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Blanket bogs (priority feature if active bog) Transition mires and quaking bogs		Yes							Yes	

Licence block: SK37

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Peak District Moors (South Pennine Moors Phase 1) SPA.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Peak District Dales SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA, Peak District Dales SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment	of Effects on
Relevant Eur	ropean Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
10km)		lf á	activity is with	in European s	ite?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Peak District Moors (South Pennine Moors Phase 1) SPA	Yes									This site is present within the licence be effects do not register at surface) are r
Eurasian curlew (Numenius arquata)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following shours - Stage A, B, C and D activities within
Short-eared owl (Asio flammeus)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the
European golden plover (Pluvialis apricaria)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the bo
Merlin (Falco columbarius)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be note

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:

- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above).
- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Peak District Dales SAC No European dry heaths Calaminarian grasslands of the Violetalia calaminariae Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites) Alkaline fens	n/a n/a n/a	If activity is will A Stage E n/a n/a n/a n/a	Stage C	site? Stage D n/a n/a	If a Stage A	ctivity is outsid	de European : Stage C	site? Stage D	
European dry heaths Calaminarian grasslands of the Violetalia calaminariae Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites) Alkaline fens	n/a n/a	n/a n/a	n/a n/a	n/a		Stage B	Stage C	Stage D	
European dry heaths Calaminarian grasslands of the Violetalia calaminariae Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites) Alkaline fens	n/a	n/a	n/a		Yes				
Calaminarian grasslands of the Violetalia calaminariae Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites) Alkaline fens	n/a	n/a	n/a		Yes				This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activit
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites) Alkaline fens				n/a		Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
calcareous substrates (Festuco-Brometalia) (* important orchid sites) Alkaline fens	n/a	n/a		II/a	Yes	Yes	Yes	Yes	(above) should be noted.
			n/a	n/a	Yes	Yes	Yes	Yes	
Calcareous and calcshist screes of the montane to alpine	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
levels (Thlaspietea rotundifolii)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Calcareous rocky slopes with chasmophytic vegetation	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Tilio-Acerion forests of slopes, screes and ravines	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
White-clawed (or Atlantic stream) crayfish (Austropotamobius pallipes)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Brook lamprey (Lampetra planeri)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bullhead (Cottus gobio)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
South Pennine Moors SAC Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
Northern Atlantic wet heaths with Erica tetralix	Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted:
European dry heaths	Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in AEC
Blanket bogs (priority feature if active bog)	Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above).
Transition mires and quaking bogs	Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Old sessile oak woods with Ilex and Blechnum in the British Isles	Yes	No	No	No	Yes	Yes	Yes	Yes	

Licence block: SK38
Granting of licence proposed?: Yes
Conditions proposed for the licence
No conditions proposed.
Advice proposed with the licence
The following advice is given:
- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA
issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA.

- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA, Peak District Dales SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	Within block?	If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Peak District Moors (South Pennine Moors Phase 1) SPA	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to
Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes		result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Short-eared owl (Asio flammeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	Section (above) should be noted.
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block of Within 10km)	Within block?	If a	activity is withi	in European s	site?	If a	ctivity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Peak District Dales SAC	No		•	<u>'</u>	•		<u>'</u>	<u> </u>		This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activitie
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Calaminarian grasslands of the Violetalia calaminariae		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Alkaline fens		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Calcareous and calcshist screes of the montane to alpine levels (Thlaspietea rotundifolii))	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Calcareous rocky slopes with chasmophytic vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Tilio-Acerion forests of slopes, screes and ravines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
White-clawed (or Atlantic stream) crayfish (Austropotamobius pallipes)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Brook lamprey (Lampetra planeri)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
South Pennine Moors SAC	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence'
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	section (above) should be noted.
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Old sessile oak woods with Ilex and Blechnum in the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licer	nce block:	SK39		
Gran	ting of lic	ence prop	osed?: Y	es
Cond	litions pro	posed fo	r the licer	IC
No cond	litions proposed			
Advid	ce propos	ed with th	ne licence	
The follo	owing advice is	given:		
of an SF	A, or a Ramsa	d species that a site designated ct-level operation	for its bird pop	ula
- Some	of European sit	e interest featur	es (e.g. birds s	oec

- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on												
Relevant European Sites												
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	Notes				
10km)		If a	ctivity is withi	in European s	site?	If a	ctivity is outsi	de European	site?			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D			
Peak District Moors (South Pennine Moors Phase 1) SPA	No							•		This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in		
Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.		
Short-eared owl (Asio flammeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.		
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
South Pennine Moors SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities		
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section		
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.		
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Old sessile oak woods with Ilex and Blechnum in the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			

Licence block: SK43				
Granting of Licence Proposed?: You	es			
Condtions proposed for the				
Advice proposed for the licence				
Assessment of Effects on Relevan	t Europ	ean Sites		
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site	Can Stage A, B, C or D activitie	es be carried out without AEOI?	Notes
Within the Licence Block of Within Tokin)	within	If activity is within European site?	If activity is outside European site?	
	block?	Stage A Stage B Stage C Stage D	Stage A Stage B Stage C Stage D	
			none	

Licence block: SK45											
Granting of Licence Proposed?: You	es										
Condtions proposed for the											
Advice proposed for the licence	Advice proposed for the licence										
Assessment of Effects on Relevan	t Europ	ean Sit	es								
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site		Can Stag	e A, B, C o	or D activiti	es be carrie	ed out with	out AEOI?	Notes		
within the Liberioe Blook of Within Forting	within	If acti	ivity is with	in Europea	n site?	If activity is outside European site?					
	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
						none					

Licence block: SK46c	
Granting of licence proposed?: Y	es

Conditions proposed for the licence

No conditions proposed.

Advice proposed with the licence

The following advice is given:

- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant European Sites

Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without	Notes		
10km)		If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Peak District Moors (South Pennine Moors Phase 1) SPA	No						•			This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Short-eared owl (Asio flammeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
South Pennine Moors SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Old sessile oak woods with Ilex and Blechnum in the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

L	į	CE	n	се	bl	ock:	SK	47b

Conditions proposed for the licence

No conditions proposed.

Advice proposed with the licence

The following advice is given:

- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project evel operations. The European sites with features potentially vulnerable to this in or near this block are Peak District Moors (South Pennine Moors Phase 1) SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes			
10km)	Within block?	If a	activity is with	in European s	site?	If a	ctivity is outsi	ide European	site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D				
Peak District Moors (South Pennine Moors Phase 1) SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, bundertaken at depth (so that effects do not register at surface) are not considered			
Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the (above) should be noted.			
Short-eared owl (Asio flammeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
South Pennine Moors SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, E			
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considere AEOI. With regard to activities at or near the surface, the 'Advice proposed with (above) should be noted.			
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Old sessile oak woods with Ilex and Blechnum in the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				

A, B, C and D activities ed likely to result in the licence' section

A. B. C and D activities ed likely to result in the licence' section

Licence block: SK48										
Granting of Licence Proposed?: Y	es									
Condtions proposed for the										
Advice proposed for the licence										
Assessment of Effects on Relevan	t Europ	ean Sit	es							
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site		Can Stag	e A, B, C o	r D activitie	es be carri	ed out with	out AEOI?		Notes
	within	If act	tivity is with	in Europea	n site?	If acti	vity is outsi	de Europea	n site?	
	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
						none				

Licence block: SK49				
Granting of Licence Proposed?: You	es			
Condtions proposed for the				
Advice proposed for the licence				
Assessment of Effects on Relevan	t Europ	ean Sites		
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site	Can Stage A, B, C or D activitie	es be carried out without AEOI?	Notes
Within the Licence Block of Within Tokin)	within	If activity is within European site?	If activity is outside European site?	
	block?	Stage A Stage B Stage C Stage D	Stage A Stage B Stage C Stage D	
			none	

Licence block: SK52a				
Granting of Licence Proposed?: You	es			
Condtions proposed for the				
Advice proposed for the licence				
Assessment of Effects on Relevan	t Europ	ean Sites		
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site	Can Stage A, B, C or D activitie	es be carried out without AEOI?	Notes
Within the Licence Block of Within Tokiny	within	If activity is within European site?	If activity is outside European site?	
	block?	Stage A Stage B Stage C Stage D	Stage A Stage B Stage C Stage D	
			none	

Licence block: SK53				
Granting of Licence Proposed?: You	es			
Condtions proposed for the				
Advice proposed for the licence				
Assessment of Effects on Relevan	t Europ	ean Sites		
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site	Can Stage A, B, C or D activitie	es be carried out without AEOI?	Notes
Within the Licence Block of Within Tokiny	within	If activity is within European site?	If activity is outside European site?	
	block?	Stage A Stage B Stage C Stage D	Stage A Stage B Stage C Stage D	
			none	

Licence block: SK55										
Granting of licence proposed?: Yes										
Conditions proposed for the li	icence									
No conditions proposed.										
Advice proposed with the lice	nce									
The following advice is given:										
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4										
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.										
Assessment of Effects on										
Relevant European Sites										To a
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	• , ,							Notes	
		If activity is within European site?				If activity is outside European site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Birklands and Bilhaugh SAC Old acidophilous oak woods with Quercus robur on sandy plains	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Conditions proposed for the licence Conditions proposed for the licence Conditions proposed for the licence Conditions proposed. Conditions proposed with the licence The following advice is given: This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or iterative siting may be required by authorities further considering HRA issues for specific project-level operations. More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4 The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.											
Conditions proposed for the licence It conditions proposed. Advice proposed with the licence The following advice is given: This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or liternative siting may be required by authorities further considering HRA issues for specific project-level operations. More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4											
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The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.											
Assessment of Effects on											
Relevant European Sites											
parismeted Cites and Internet Factures In Fire aits Can Ctana A. D. Can Destinition has comind and mitheut AFOI2											
present within the Licence Block or within within block?											
present within the Licence Block or within within block?											
present within the Licence Block or within within block?											
oresent within the Licence Block or within 0km) If activity is within European site? If activity is outside European site? Stage A											
If activity is within European site? Stage A Stage B Stage C Stage D Stage B Stage C Stage D If activity is outside European site? This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D activities oak woods with Quercus robur on 1/2 n/2 n/2 n/2 yes Y											
If activity is within European site? Stage A Stage B Stage C Stage D Stage B Stage C Stage B Stage C Stage D Stage D Stage B Stage C Stage D Stage B Stage C Stage D Stage D Stage B Stage C Stage D											
oresent within the Licence Block or within 0km) If activity is within European site? If activity is outside European site? Stage A Stage B Stage C Stage D Stage B Stage C Stage B Stage C Stage D Inklands and Bilhaugh SAC In a n/a N											
oresent within the Licence Block or within Okm) If activity is within European site? If activity is outside European site? Stage A Stage B Stage C Stage D Stage B Stage C Stage B Stage C Stage D Stage B Stage C Stage D If activity is outside European site? This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence'											
If activity is within European site? Stage A Stage B Stage C Stage D Stage B Stage C Stage B Stage C Stage D Stage D Stage B Stage C Stage D Stage D Stage B Stage C Stage D											

Licence block: SK57c										
Granting of licence proposed	?: Yes									
Conditions proposed for the I	icence									
No conditions proposed.										
Advice proposed with the lice	nce									
The following advice is given:										
- More detailed information relating to designated	d sites taken into a	ccount in this	assessment	can be viewe	ed by accessi	ng the followin	g link: http://j	ncc.defra.gov.	uk/page-4	
- The location of the block and the relevant Euro	pean sites are illust	trated on the	correspondir	ng map in App	pendix E.					
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site		Can	Stage A, B, C	C or D activit	ties be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European	site?	If a	ctivity is outs	ide European	site?	1
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	-
Birklands and Bilhaugh SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Old acidophilous oak woods with Quercus robur on sandy plains		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
										(above) Snould be noted.

Licence block: SK58a				
Granting of Licence Proposed?: You	es			
Condtions proposed for the				
Advice proposed for the licence				
Assessment of Effects on Relevan	t Europ	ean Sites		
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site	Can Stage A, B, C or D activitie	es be carried out without AEOI?	Notes
Within the Licence Block of Within Tokiny	within	If activity is within European site?	If activity is outside European site?	
	block?	Stage A Stage B Stage C Stage D	Stage A Stage B Stage C Stage D	
			none	

icence block: SK59b										
Granting of licence proposed?	: Yes									
Conditions proposed for the lie	cence									
lo conditions proposed.										
Advice proposed with the licer	тсе									
he following advice is given:										
In some instances, hird ansains that are associa	tod with CDAs on	d sama Dama	ar sitas mau	raly on non d	onianated hak	sitata bayand	the Europe	n aita haundar	ioo and oo o	and he multiporable to activities accourring outside the designated site itself. Land within 10km
										ould be vulnerable to activities occurring outside the designated site itself. Land within 10km lat mitigation and/or alternative siting may be required by authorities further considering HRA
ssues for specific project-level operations. The E	uropean sites po	tentially vulne	rable in or ne	ar this block a	are Thorne an	d Hatfield Mo	ors SPA.		,	
Some of European site interest features (e.g. bir	ds species: fish:	marine mamm	nals) are pote	ntially sensitiv	ve to noise or	vibration effe	cts associat	ed with Stage A	A activities (as	well as Stage B, C and D activities). Land within approximately 1km of a European site
upporting noise or vibration sensitive features is	considered to be	of a potentiall	ly sensitive na	ature (due to i	its proximity to	the Europea	n site) such			ative siting may be required by authorities further considering HRA issues for specific project
evel operations. The European sites with features	s potentially vulne	erable to this in	n or near this	block are Tho	orne and Hatfi	eld Moors SF	PA.			
More detailed information relating to designated	sites taken into a	ccount in this	assessment	can be viewe	d by accessin	g the followin	g link: http://	jncc.defra.gov.	uk/page-4	
The location of the block and the relevant Europ	oan sitos aro illus	strated on the	corresponding	a man in Ann	ondiv E					
The location of the block and the relevant Europ	ean sites are illus	strated on the	corresponding	y map in Appi	CHUIX L.					
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site	<u> </u>	Can S	Stage A, B, C	or D activitie	es be carried	out withou	t AEOI?		Notes
present within the Licence Block or within	within block?	If a		n European s				side European	site?	-
0km)								<u> </u>		
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
horne and Hatfield Moors SPA	No	•			•	•	<u>'</u>	•	•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
uropean nightjar (Caprimulgus europaeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
										(above) should be noted.
atfield Moor SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
egraded raised bogs still capable of natural		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
egeneration										AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SK66b											
Granting of licence proposed?	?: Yes										
	-										
Conditions proposed for the li	icence										
Stage B, C and D activities will be prohibited at o	or near to the surfa	ce within the I	ooundaries o	f all Europear	n site(s) in thi	s block.					
Advice proposed with the lice	nce										
• •											
The following advice is given:											
- This block has European sites within it, or within alternative siting may be required by authorities f						n of a Europea	n site is cons	dered to be of	f a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or	
- More detailed information relating to designated	d sites taken into a	ccount in this	assessment	can be viewe	d by accessi	ng the following	g link: http://jr	ncc.defra.gov.u	uk/page-4		
The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.											
Assessment of Effects on Relevant European Sites											
Designated Sites and Interest Features	Is Euro. site	<u> </u>	Can	Stage A, B, C	or D activit	ies be carried	out without	AEOI?		Notes	
(present within the Licence Block or within 10km)	within block?	If a	ctivity is with	in European s	site?	If a	ctivity is outs	de European	site?		
· · · · · · ·		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Birklands and Bilhaugh SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that	
Old acidophilous oak woods with Quercus robur on sandy plains		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	

Licence block: SK66c										
Granting of licence proposed?	?: Yes									
Conditions proposed for the li	icence									
No conditions proposed.										
Advice proposed with the lice	nce									
The following advice is given:										
- More detailed information relating to designated	sites taken into a	ccount in this	assessment	can be viewe	ed by accessi	ng the followin	ng link: http://jr	ncc.defra.gov.i	uk/page-4	
- The location of the block and the relevant Europ								-		
Assessment of Effects on										
Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activit	ties be carried	d out without	AEOI?		Notes
10km)	WILIIII DIOCK?	If a	ctivity is with	in European	site?	If a	activity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Birklands and Bilhaugh SAC Old acidophilous oak woods with Quercus robur on sandy plains	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SK67a										
Granting of licence proposed?	: Yes									
Conditions proposed for the lie	cence									
No conditions proposed.										
Advice proposed with the licer	ice									
The following advice is given:										
- This block has European sites within it, or within alternative siting may be required by authorities fu						of a Europea	an site is cons	idered to be o	of a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
- More detailed information relating to designated	sites taken into a	ccount in this	assessment o	can be viewe	d by accessin	g the followin	ng link: http://jr	ncc.defra.gov.	.uk/page-4	
- The location of the block and the relevant Europe	ean sites are illus	trated on the	corresponding	map in App	endix E.					
Assessment of Effects on										
Relevant European Sites	In Fam. 12				D - 41 111			AFOIC		N.A.
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?						d out without			Notes
10km)		Stage A	ctivity is withii Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Disklands and Dilhaugh SAC	No	0.09071	C.u.go D		Ciago D	J 90 / 1	J.ago B	0.090 0	C.u.go D	This sits is outside the license block but less than the fear the block boundary. Class A. D. C. and D.
Birklands and Bilhaugh SAC Old acidophilous oak woods with Quercus robur on sandy plains		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SK72a				
Granting of Licence Proposed?: Ye	es			
Condtions proposed for the				
Advice proposed for the licence				
Assessment of Effects on Relevant	Europ	ean Sites		
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site	Can Stage A, B, C or D activities	es be carried out without AEOI?	Notes
ŕ	within	If activity is within European site?	If activity is outside European site?	
	block?	Stage A Stage B Stage C Stage D	Stage A Stage B Stage C Stage D	
			none	

Licence block: SK76b										
Granting of licence proposed?	?: Yes									
Conditions proposed for the li	icence									
No conditions proposed.										
Advice proposed with the lice	nce									
The following advice is given:										
- More detailed information relating to designated	sites taken into a	ccount in this	assessment	can be viewe	ed by accessi	ng the followin	ng link: http://jr	ncc.defra.gov.i	uk/page-4	
- The location of the block and the relevant Europ										
Assessment of Effects on										
Relevant European Sites Designated Sites and Interest Features	Is Euro. site		Can S	Stage A, B, C	C or D activit	ties be carried	d out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	ctivity is with	in European	site?	If a	activity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Birklands and Bilhaugh SAC Old acidophilous oak woods with Quercus robur on sandy plains	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can S	tage A, B, C	or D activitie	s be carried	out without	AEOI?		Notes
(present within the Licence Block or within	within block?									
 10km)		If a	ctivity is withir	n European s	ite?	If ac	ctivity is outsid	le European s	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
		Stage A	Stage D	Stage C	Stage	Stage	Stage D	Stage	Stage D	

Licence block: SK86c										
Granting of Licence Proposed?: You	es									
Condtions proposed for the										
Advice proposed for the licence										
Assessment of Effects on Relevan	t Europ	ean Sit	tes							
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site		Can Stag	e A, B, C o	r D activitie	es be carrie	ed out with	out AEOI?		Notes
William the Electice Block of William Foking	within	If act	tivity is with	in Europear	n site?	If activ	vity is outsid	de Europea	n site?	
	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
						none				

Licence block: SK87b				
Granting of Licence Proposed?: Ye	es			
Condtions proposed for the				
Advice proposed for the licence				
Assessment of Effects on Relevant	Europ	ean Sites		
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site	Can Stage A, B, C or D activities	es be carried out without AEOI?	Notes
ŕ	within	If activity is within European site?	If activity is outside European site?	
	block?	Stage A Stage B Stage C Stage D	Stage A Stage B Stage C Stage D	
			none	

Licence block: SK87c										
Granting of Licence Proposed?: You	es									
Condtions proposed for the										
Advice proposed for the licence										
Assessment of Effects on Relevan	t Europ	ean Sit	es							
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site		Can Stag	e A, B, C o	or D activiti	es be carrie	ed out with	out AEOI?		Notes
The Liberioe Block of William Tokin)	within	If act	tivity is with	in Europea	n site?	If acti	vity is outsid	de Europea	n site?	
	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
						none				

Licence block: SK88b				
Granting of Licence Proposed?: You	es			
Condtions proposed for the				
Advice proposed for the licence				
Assessment of Effects on Relevan	t Europ	ean Sites		
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site	Can Stage A, B, C or D activitie	es be carried out without AEOI?	Notes
Within the Licence Block of Within Tokiny	within	If activity is within European site?	If activity is outside European site?	
	block?	Stage A Stage B Stage C Stage D	Stage A Stage B Stage C Stage D	
			none	

Licence block: SK89e										
Granting of Licence Proposed?: Y	es									
Condtions proposed for the										
Advice proposed for the licence										
Assessment of Effects on Relevan	t Europ	ean Sit	es							
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site		Can Stag	e A, B, C o	r D activitie	es be carri	ed out with	out AEOI?		Notes
	within	If act	ivity is with	in Europea	n site?	If acti	vity is outsid	de Europea	n site?	
	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
						none				

Licence block: SK96										
Granting of Licence Proposed?: Y	es									
Condtions proposed for the										
Advice proposed for the licence										
Assessment of Effects on Relevan	t Europ	ean Sit	es							
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site		Can Stag	e A, B, C o	r D activiti	es be carrie	ed out with	out AEOI?	•	Notes
I I I I I I I I I I I I I I I I I I I	within	If act	tivity is with	in Europea	n site?	If acti	vity is outsi	de Europea	nn site?	
	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
						none				-

Licence block: SK99a										
Granting of Licence Proposed?: You	es									
Condtions proposed for the										
Advice proposed for the licence										
Assessment of Effects on Relevan	t Europ	ean Sit	tes							
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site		Can Stag	e A, B, C o	r D activitie	es be carrie	ed out with	out AEOI?		Notes
William the Electice Block of William Foking	within	If act	tivity is with	in Europear	n site?	If activ	vity is outsid	de Europea	n site?	
	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
						none				

icence block: SO50														
Granting of licence proposed?	anting of licence proposed?: Yes													
Conditions proposed for the li-	cence													
Stage A, B, C and D activities will be prohibited at	or near to the sur	rface within the h	houndaries	of all Furone	an sites in thi	is block								
plage A, B, C and B activities will be prombled at	to filear to tile sui	nace within the t	bouridaries	or all Europe	an sites in thi	is block.								
Advice proposed with the licer	nce													
turios proposos mun uio nos.														
he following advice is given:														
This block has European sites within it, or within liternative siting may be required by authorities fu						of a Europea	ın site is consi	dered to be o	f a potentiall	ly sensitive nature (due to its proximity to the European site) such that mitigation and/or				
	d populations, is th	nerefore conside	ered to be o	f a potentiall	y sensitive na	ture (due to it	s proximity to	the Europear		could be vulnerable to activities occurring outside the designated site itself. Land within 10kr that mitigation and/or alternative siting may be required by authorities further considering HF				
	onsidered to be of	f a potentially se	ensitive natu	ure (due to its	s potential cor	nnectivity to a	European site	e) such that m		ne coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a d/or alternative siting may be required by authorities further considering HRA issues for				
	due to its potentia	al connectivity to								n site, and which is also within 200 metres of a contributory watercourse to that site, is ties further considering HRA issues for specific project-level operations. The European sites				
	ontributory waterco	ourse to that site	e, is conside	ered to be of	a potentially	sensitive natu	re (due to its p	ootential to be		occurring outside the designated site itself. Land that is within 10km of a site supporting ters) such that mitigation and/or alternative siting may be required by authorities further				
e 10km of an SAC designated for its bat popular	tions is considered	d to be of a pote	entially sens	sitive nature (due to its pro	ximity to the B	European site)	such that mit	tigation and/o	nd so could be vulnerable to activities occurring outside the designated site itself. Land with for alternative siting may be required by authorities further considering HRA issues for specifican Bat Sites/ Safleoedd Ystlumod Dyffryn Gwy a Fforest y Ddena SAC.				
	considered to be	of a potentially s	sensitive na	ture (due to	its proximity to	o the Europea	an site) such th	nat mitigation	and/or altern	as well as Stage B, C and D activities). Land within approximately 1km of a European site native siting may be required by authorities further considering HRA issues for specific proje SAC, Severn Estuary/Môr Hafren SAC.				
More detailed information relating to designated	sites taken into a	ccount in this as	ssessment o	can be viewe	d by accessin	ng the following	g link: http://jr	cc.defra.gov.	uk/page-4					
The location of the block and the relevant Europ	ean sites are illus	trated on the cor	rresponding	map in App	endix E.									
Assessment of Effects on														
Relevant European Sites														
Designated Sites and Interest Features present within the Licence Block or within	Is Euro. site within block?		Can S	tage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes				
Okm)	Within Diock?	If activ	ivity is within	n European s	site?	If a	ctivity is outsi	de European	site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	d out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	activity is outsi	de European :	site?	
101111)		04) 04 D	, 1 04 0	1 04 D					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Severn Estuary Ramsar	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	decition (above) should be noted.
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Severn Estuary SPA	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence'
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	section (above) should be noted.
Tundra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Gadwall (Anas strepera)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Greater white-fronted goose (Anser albifrons albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River Wye/ Afon Gwy SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
Transition mires and quaking bogs		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
White-clawed (or Atlantic stream) crayfish (Austropotamobius pallipes)		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	
Brook lamprey (Lampetra planeri)		No	No	No	No	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes	
Allis shad (Alosa alosa)		No	No	No	No	Yes	Yes	Yes	Yes	
Twaite shad (Alosa fallax)		No	No	No	No	Yes	Yes	Yes	Yes	
Atlantic salmon (Salmo salar)		No	No	No	No	Yes	Yes	Yes	Yes	
Bullhead (Cottus gobio)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Wye Valley Woodlands/ Coetiroedd Dyffryn Gwy SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at
Asperulo-Fagetum beech forests		Yes	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Tilio-Acerion forests of slopes, screes and ravines		Yes	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Taxus baccata woods of the British Isles		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Lesser horseshoe bat (Rhinolophus hipposideros)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.

Assessment of Effects on Relevant European Sites										
	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
10km)	Within Dioon.	If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Severn Estuary/Môr Hafren SAC	No		•	•	•	•	•			This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D
Sandbanks which are slightly covered by sea water all the time		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Estuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	Section (above) should be noted.
Mudflats and sandflats not covered by seawater at low tide		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Reefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Twaite shad (Alosa fallax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Wye Valley and Forest of Dean Bat Sites/ Safleoedd Ystlumod Dyffryn Gwy a Fforest y Ddena SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the effects do not register at surface) are not considered likely to result in AEOI. With regard to activities
Lesser horseshoe bat (Rhinolophus hipposideros)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Greater horseshoe bat (Rhinolophus ferrumequinum)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

icence block: SO51										
Granting of licence proposed?	: Yes									
Conditions proposed for the lic	cence									
tage A. R. C. and D. activities will be prohibited at	or poor to the our	face within the	houndarios	of all Europa	an aitee in thi	a blook				
tage A, B, C and D activities will be prohibited at	or near to the sur	iace within the	boundaries	or all Europea	an sites in thi	S DIOCK.				
Advice proposed with the licen	100									
davice proposed with the licen	ice									
he following advice is given:										
This block has European sites within it, or within lternative siting may be required by authorities fur						of a European	site is consid	lered to be of	a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
	populations, is th	erefore consid	dered to be o	f a potentially	sensitive na	ture (due to its	proximity to t	he European		ould be vulnerable to activities occurring outside the designated site itself. Land within 10km at mitigation and/or alternative siting may be required by authorities further considering HRA
	onsidered to be of	a potentially s	ensitive natu	ure (due to its	potential con	nectivity to a E	uropean site) such that mi		coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a or alternative siting may be required by authorities further considering HRA issues for
	due to its potentia	I connectivity t								site, and which is also within 200 metres of a contributory watercourse to that site, is es further considering HRA issues for specific project-level operations. The European sites
	ntributory waterco	ourse to that si	te, is conside	ered to be of a	a potentially s	sensitive nature	(due to its p	otential to be		curring outside the designated site itself. Land that is within 10km of a site supporting rs) such that mitigation and/or alternative siting may be required by authorities further
ne 10km of an SAC designated for its bat populati	ions is considered	to be of a pot	tentially sens	sitive nature (d	due to its pro	ximity to the Eu	ropean site)	such that miti	gation and/o	d so could be vulnerable to activities occurring outside the designated site itself. Land within or alternative siting may be required by authorities further considering HRA issues for specific ean Bat Sites/ Safleoedd Ystlumod Dyffryn Gwy a Fforest y Ddena SAC.
	considered to be	of a potentially	sensitive na	ture (due to it	s proximity to	the European	site) such th	at mitigation a	and/or alterna	well as Stage B, C and D activities). Land within approximately 1km of a European site ative siting may be required by authorities further considering HRA issues for specific project AC, Severn Estuary/Môr Hafren SAC.
More detailed information relating to designated :	sites taken into ad	count in this a	ssessment o	can be viewed	by accessin	g the following	link: http://jnc	cc.defra.gov.u	ık/page-4	
The location of the block and the relevant Europe	ean sites are illust	rated on the co	orresponding	n man in Anne	endix F					
				,						
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features Oresent within the Licence Block or within	Is Euro. site within block?					es be carried o				Notes
0km)		If ac	tivity is within	n European si	te?	If act	ivity is outsid	e European s	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?	-
101111,										
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Severn Estuary Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Severn Estuary SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Tundra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Gadwall (Anas strepera)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Greater white-fronted goose (Anser albifrons albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River Wye/ Afon Gwy SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
Transition mires and quaking bogs		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
White-clawed (or Atlantic stream) crayfish (Austropotamobius pallipes)		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	
Brook lamprey (Lampetra planeri)		No	No	No	No	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes	
Allis shad (Alosa alosa)		No	No	No	No	Yes	Yes	Yes	Yes	
Twaite shad (Alosa fallax)		No	No	No	No	Yes	Yes	Yes	Yes	
Atlantic salmon (Salmo salar)		No	No	No	No	Yes	Yes	Yes	Yes	
Bullhead (Cottus gobio)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Wye Valley Woodlands/ Coetiroedd Dyffryn Gwy SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at
Asperulo-Fagetum beech forests		Yes	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Tilio-Acerion forests of slopes, screes and ravines		Yes	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Taxus baccata woods of the British Isles		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Lesser horseshoe bat (Rhinolophus hipposideros)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.

	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	Notes			
present within the Licence Block or within 0km)	within block?	If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
evern Estuary/Môr Hafren SAC	No		•						•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D a
andbanks which are slightly covered by sea water all ne time		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to resu AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' so (above) should be noted.
stuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
fludflats and sandflats not covered by seawater at low de		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
teefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
tlantic salt meadows (Glauco-Puccinellietalia maritimae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
tiver lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
waite shad (Alosa fallax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Vye Valley and Forest of Dean Bat Sites/ Safleoedd Stlumod Dyffryn Gwy a Fforest y Ddena SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth effects do not register at surface) are not considered likely to result in AEOI. With regard to active
esser horseshoe bat (Rhinolophus hipposideros)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to resul
Greater horseshoe bat (Rhinolophus ferrumequinum)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SO60a														
Granting of licence proposed?	· Voe													
Granting of ficerice proposed:	. 163													
Conditions proposed for the lice	ranca													
conditions proposed for the ne														
Stage A, B, C and D activities will be prohibited at	or near to the sui	rface within the	e boundaries	of all Europea	an sites in this	s block.								
Advice proposed with the licen	ICE .													
Advice proposed with the need														
The following advice is given:														
- This block has European sites within it or within	1km of the block	boundary In	general land	within approx	imately 1km	of a Furonear	n site is consid	ered to be of	a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or				
alternative siting may be required by authorities fu						or a Laropear	Totto to corton	0.000 10 00 01	a poternium	consists nature (add to its proximity to the European cite) saon that miligation and ci				
- In some instances, bird species that are associat	ted with SPAs and	d some Ramsa	ar sites may r	ely on non-de	signated hab	itats beyond t	the European	site boundari	es, and so co	ould be vulnerable to activities occurring outside the designated site itself. Land within 10km				
of an SPA, or a Ramsar site designated for its bird issues for specific project-level operations. The El										at mitigation and/or alternative siting may be required by authorities further considering HRA				
		•								•				
										coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a or alternative siting may be required by authorities further considering HRA issues for				
specific project-level operations. The European sit	es potentially vul	nerable in or n	near this block	are Severn E	Stuary Rams	sar, Severn Es	stuary/Môr Ha	fren SAC.						
	parian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is sidered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites intially vulnerable in or near this block are River Wye/ Afon Gwy SAC.													
- Otters (Lutra lutra) travel along rivers and their tr	entially vulnerable in or near this block are River Wye/ Afon Gwy SAC.													
tters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting ers, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further used in or near this block are River Wye/ Afon Gwy SAC.														
considering HRA issues for specific project-level o	perations. The E	uropean sites	potentially vu	Inerable in or	near this bloc	ck are River V	Vye/ Aton Gwy	SAC.						
										so could be vulnerable to activities occurring outside the designated site itself. Land within ralternative siting may be required by authorities further considering HRA issues for specific				
										an Bat Sites/ Safleoedd Ystlumod Dyffryn Gwy a Fforest y Ddena SAC.				
- Some of European site interest features (e.g. bird	ds species; fish; r	marine mamma	als) are poter	ntially sensitive	e to noise or	vibration effec	cts associated	with Stage A	activities (as	well as Stage B, C and D activities). Land within approximately 1km of a European site				
										ative siting may be required by authorities further considering HRA issues for specific project on SPA, Severn Estuary SPA, River Wye/ Afon Gwy SAC, Severn Estuary/Môr Hafren SAC.				
· ·					•					on of A, develin Estuary of A, filter type Alon Gwy GAO, develin Estuary/wor Hunein GAO.				
 More detailed information relating to designated 	sites taken into a	ccount in this a	assessment c	an be viewed	by accessing	g the following	g link: http://jn	cc.defra.gov.u	ık/page-4					
- The location of the block and the relevant Europe	ean sites are illus	trated on the o	corresponding	map in Appe	ndix E.									
Assessment of Effects on														
Relevant European Sites														
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	tage A, B, C	or D activitie	s be carried	out without	NEOI?		Notes				
10km)		If ac	ctivity is withir	n European si	te?	If ac	ctivity is outsic	e European s	site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					

	Is Euro. site		Can	Stage A, B, C	or D activiti	es be carrie	d out without	AEOI?		Notes
oresent within the Licence Block or within 0km)	within block?	If a	activity is with	in European	site?	lf a	activity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	1
evern Estuary Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so
riterion 3 - supports populations of plant/animal species nportant for maintaining regional biodiversity		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activitie or near the surface, the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
riterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
riterion 1 - sites containing representative, rare or nique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
riterion 4 - supports plant/animal species at a critical tage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes	
riterion 6 - regularly supports 1% of the individuals in a opulation of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	
riterion 8 - important source of food for fishes, spawning round, nursery and/or migration path		Yes	No	No	No	Yes	Yes	Yes	Yes	
/almore Common Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activity
riterion 6 - regularly supports 1% of the individuals in a opulation of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sectio (above) should be noted.
/almore Common SPA undra swan (Cygnus columbianus bewickii)	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activi undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sectio (above) should be noted.
evern Estuary SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so
unlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activitie
/aterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted:
undra swan (Cygnus columbianus bewickii)		No	No	No	No	Yes	Yes	Yes	Yes	 Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
adwall (Anas strepera)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
									Yes	licence' section (above) should be noted.
ommon redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	
reater white-fronted goose (Anser albifrons albifrons)		No No	No No	No No	No No	Yes	Yes	Yes	Yes	
ommon shelduck (Tadorna tadorna)		NO	NO	NO	INO	Yes	Yes	Yes	res	
iver Wye/ Afon Gwy SAC /ater courses of plain to montane levels with the /anunculion fluitantis and Callitricho-Batrachion egetation	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activi undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
ransition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
hite-clawed (or Atlantic stream) crayfish ustropotamobius pallipes)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ook lamprey (Lampetra planeri)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ver lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
is shad (Alosa alosa)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
aite shad (Alosa fallax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
						\/		.,	.,	
lantic salmon (Salmo salar)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
tlantic salmon (Salmo salar) ullhead (Cottus gobio)		n/a n/a	n/a n/a	n/a n/a	n/a n/a	Yes Yes	Yes Yes	Yes	Yes Yes	

Assessment of Effects on												
Relevant European Sites												
	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	d out without	AEOI?		Notes		
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	activity is outsi	de European	site?			
Tokin)												
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D			
Wye Valley Woodlands/ Coetiroedd Dyffryn Gwy SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities		
Asperulo-Fagetum beech forests		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section		
Tilio-Acerion forests of slopes, screes and ravines			n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.		
Taxus baccata woods of the British Isles			n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Lesser horseshoe bat (Rhinolophus hipposideros)			n/a	n/a	n/a	Yes	Yes	Yes	Yes			
	Yes	1114			100		100		.00	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that		
Sandbanks which are slightly covered by sea water all the time		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:		
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). 		
Mudflats and sandflats not covered by seawater at low tide		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.		
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes			
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		Yes	No	No	No	Yes	Yes	Yes	Yes			
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes			
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes			
Twaite shad (Alosa fallax)		No	No	No	No	Yes	Yes	Yes	Yes			
Wye Valley and Forest of Dean Bat Sites/ Safleoedd Ystlumod Dyffryn Gwy a Fforest y Ddena SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at		
Lesser horseshoe bat (Rhinolophus hipposideros)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in		
Greater horseshoe bat (Rhinolophus ferrumequinum)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).		
										- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.		

Licence block: SO60b

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage A, B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Severn Estuary Ramsar, Walmore Common Ramsar, Walmore Common SPA, Severn Estuary SPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Severn Estuary Ramsar, Severn Estuary/Môr Hafren SAC.
- Bat species usually rely on non-designated habitats beyond the European site boundaries (bats can commute and forage for many kilometres beyond their core habitat), and so could be vulnerable to activities occurring outside the designated site itself. Land within the 10km of an SAC designated for its bat populations is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Wye Valley and Forest of Dean Bat Sites/ Safleoedd Ystlumod Dyffryn Gwy a Fforest y Ddena SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Severn Estuary Ramsar, Walmore Common Ramsar, Walmore Common SPA, Severn Estuary SPA, Severn Estuary/Môr Hafren SAC.

Can Stage A. B. C. or D. activities be carried out without AEOI2

- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Is Euro cito

Assessment of Effects on

Relevant European Sites

(present within the Licence Block or within	within block?	lock?													
10km)		lf a	activity is with	in European	site?	If a	If activity is outside European site?								
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D						
Severn Estuary Ramsar	Yes														
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		Yes	No	No	No	Yes	Yes	Yes	Yes						
Criterion 5 - regularly supports 20,000 or more waterbirds	•	No	No	No	No	Yes	Yes	Yes	Yes						
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes						
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes						
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes						
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path	1	Yes	No	No	No	Yes	Yes	Yes	Yes						

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:

- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above).
- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Notes

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	d out without	AEOI?		Notes
10km)	WIGHIN DIOCK?	If a	activity is with	in European s	site?	If a	activity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Walmore Common Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activiti
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Walmore Common SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activiti
Tundra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Severn Estuary SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Naterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	
Fundra swan (Cygnus columbianus bewickii)		No	No	No	No	Yes	Yes	Yes	Yes	
Gadwall (Anas strepera)		No	No	No	No	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	
Greater white-fronted goose (Anser albifrons albifrons)		No	No	No	No	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	
Severn Estuary/Môr Hafren SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so
Sandbanks which are slightly covered by sea water all the time		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activitie or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Mudflats and sandflats not covered by seawater at low ide		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes	
Twaite shad (Alosa fallax)		No	No	No	No	Yes	Yes	Yes	Yes	
Nye Valley and Forest of Dean Bat Sites/ Safleoedd Ystlumod Dyffryn Gwy a Fforest y Ddena SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activiti undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Lesser horseshoe bat (Rhinolophus hipposideros)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Greater horseshoe bat (Rhinolophus ferrumequinum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) stroute be floted.

Licence block: SO61												
Granting of licence proposed?	. Voo											
Granting of ficerice proposed?	. Tes											
Conditions proposed for the lie	20000											
Conditions proposed for the lic	ence											
Stage A, B, C and D activities will be prohibited at	or near to the sui	rface within the	e boundaries	of all Europea	n sites in this	s block						
	51 116di 15 ti16 6di		0 00011001100	or an Europe	0.000 u	<i>5</i> 2.00						
Additional and the line is												
Advice proposed with the licen	ice											
The following advice is given:												
 This block has European sites within it, or within alternative siting may be required by authorities fu 						of a Europear	n site is consid	lered to be of	f a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or		
										build be vulnerable to activities occurring outside the designated site itself. Land within 10km		
of an SPA, or a Ramsar site designated for its bird issues for specific project-level operations. The El										at mitigation and/or alternative siting may be required by authorities further considering HRA Common SPA, Severn Estuary SPA.		
- Coastal or marine habitat features could be vulne	erable to any cha	nges in coasts	al nrocesses t	hat occur due	to activities	occurring alor	in the coastlin	e I and loca	ted along the	coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a		
European site with coastal habitats, is therefore co	onsidered to be o	f a potentially	sensitive natu	ire (due to its	potential con	nectivity to a	European site) such that m		or alternative siting may be required by authorities further considering HRA issues for		
specific project-level operations. The European sit	es potentially vul	nerable in or n	ear this block	are Severn E	stuary Rams	sar, Severn Es	stuary/Môr Ha	fren SAC.				
										site, and which is also within 200 metres of a contributory watercourse to that site, is		
nsidered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites tentially vulnerable in or near this block are River Wye/ Afon Gwy SAC.												
- Otters (Lutra lutra) travel along rivers and their tr	hutaries and occ	casionally use	semi-natural	hahitats hevo	nd the rinaria	ın corridor, an	d so could be	vulnerable to	activities oc	curring outside the designated site itself. Land that is within 10km of a site supporting		
otters, and which is also within 200 metres of a co	ntributory watero	ourse to that s	ite, is conside	ered to be of a	potentially s	ensitive natur	e (due to its p	otential to be		rs) such that mitigation and/or alternative siting may be required by authorities further		
considering HRA issues for specific project-level o	perations. The E	uropean sites	potentially vul	inerable in or	near this bloc	ck are River V	vye/ Aton Gwy	SAC.				
										d so could be vulnerable to activities occurring outside the designated site itself. Land within or alternative siting may be required by authorities further considering HRA issues for specific		
										ean Bat Sites/ Safleoedd Ystlumod Dyffryn Gwy a Fforest y Ddena SAC.		
- Some of European site interest features (e.g. bird	ds species: fish: r	marine mamm	als) are poten	ntially sensitive	e to noise or	vibration effec	ts associated	with Stage A	activities (as	well as Stage B, C and D activities). Land within approximately 1km of a European site		
supporting noise or vibration sensitive features is	considered to be	of a potentially	y sensitive na	ture (due to its	s proximity to	the European	n site) such th	at mitigation	and/or alterna	ative siting may be required by authorities further considering HRA issues for specific project on SPA, Severn Estuary SPA, River Wye/ Afon Gwy SAC, Severn Estuary/Môr Hafren SAC.		
- More detailed information relating to designated	sites taken into a	ccount in this	assessment c	an be viewed	by accessing	g the following	g link: http://jn	cc.defra.gov.u	uk/page-4			
- The location of the block and the relevant Europe	an sites are illus	trated on the o	corresponding	ı man in Anne	ndiv E							
The location of the block and the relevant Europe	an sites are inus	illated on the c	orresponding	у шар ш дррс	Haix L.							
Assessment of Effects on												
Relevant European Sites	l. =	1				<u> </u>				Tu c		
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?			tage A, B, C						Notes		
 10km)		If a	ctivity is withir	n European si	te?	If ac	ctivity is outsic	le European s	site?			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D			

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	ctivity is withi	n European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Severn Estuary Ramsar	No				1	<u>'</u>	<u> </u>			This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (ABOI) about
Criterion 5 - regularly supports 20,000 or more waterbirds	3	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path	I	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Walmore Common Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Walmore Common SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Tundra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Severn Estuary SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Tundra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) stroute be noted.
Gadwall (Anas strepera)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Greater white-fronted goose (Anser albifrons albifrons)			n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River Wye/ Afon Gwy SAC	Yes	TIVA	11/4	11/4	TI/G	103	103	103	103	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation	163	Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Transition mires and quaking bogs		Yes	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
White-clawed (or Atlantic stream) crayfish (Austropotamobius pallipes)		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	
Brook lamprey (Lampetra planeri)		No	No	No	No	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes	
Allis shad (Alosa alosa)		No	No	No	No	Yes	Yes	Yes	Yes	
Twaite shad (Alosa fallax)		No	No	No	No	Yes	Yes	Yes	Yes	
Atlantic salmon (Salmo salar)		No Vos	No No	No No	No No	Yes	Yes	Yes	Yes	
Bullhead (Cottus gobio)		Yes	No	No	No No	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		Yes	No	No	No	Yes	Yes	Yes	Yes	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
	within block?	If a	ctivity is with	in European s	ito?	l If a	ctivity is outsi	de Euronean	cite?	
10km)			ictivity is with	iii Luiopeaii s	ite:	II a	•	ue Luiopeaii		
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Wye Valley Woodlands/ Coetiroedd Dyffryn Gwy SAC	No			,	•		_	•		This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Asperulo-Fagetum beech forests		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Tilio-Acerion forests of slopes, screes and ravines			n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Taxus baccata woods of the British Isles			n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Lesser horseshoe bat (Rhinolophus hipposideros)			n/a	n/a	n/a	Yes	Yes	Yes	Yes	
` ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Sandbanks which are slightly covered by sea water all the time		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Estuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Mudflats and sandflats not covered by seawater at low tide		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Reefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Twaite shad (Alosa fallax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Wye Valley and Forest of Dean Bat Sites/ Safleoedd Ystlumod Dyffryn Gwy a Fforest y Ddena SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at
Lesser horseshoe bat (Rhinolophus hipposideros)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Greater horseshoe bat (Rhinolophus ferrumequinum)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
										 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: ST04										
Granting of licence proposed?	: Yes									
Conditions proposed for the lie	cence									
No conditions proposed.										
Advice proposed with the licer	ice									
The following advice is given:										
 In some instances, bird species that are associal of an SPA, or a Ramsar site designated for its bird issues for specific project-level operations. The E 	ed with SPAs and populations, is the uropean sites pot	I some Ramsa nerefore considentially vulner	ar sites may dered to be of able in or ne	rely on non-d of a potential ear this block	lesignated hal ly sensitive na are Severn E	bitats beyond ature (due to it stuary Ramsa	the Europear is proximity to ir, Severn Esti	site boundar the Europear uary SPA.	ries, and so con site) such th	ould be vulnerable to activities occurring outside the designated site itself. Land within 10km at mitigation and/or alternative siting may be required by authorities further considering HRA
 Coastal or marine habitat features could be vulne European site with coastal habitats, is therefore of specific project-level operations. The European site 	erable to any char onsidered to be of tes potentially vul	nges in coasta i a potentially s nerable in or r	I processes sensitive nat near this bloc	that occur du ture (due to it ck are Severn	ne to activities is potential con in Estuary Ram	occurring alor nnectivity to a nsar, Severn E	ng the coastlii European sit stuary/Môr H	ne. Land loca e) such that m afren SAC.	ated along the nitigation and/	coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a or alternative siting may be required by authorities further considering HRA issues for
 Otters (Lutra lutra) travel along rivers and their tr otters, and which is also within 200 metres of a co considering HRA issues for specific project-level or 	ontributory waterco	ourse to that si	site, is conside	dered to be of	f a potentially	sensitive natur	re (due to its	potential to be	used by otte	curring outside the designated site itself. Land that is within 10km of a site supporting rs) such that mitigation and/or alternative siting may be required by authorities further
- Bat species usually rely on non-designated habit the 10km of an SAC designated for its bat populat project-level operations. The European sites poter							diometres bey European site	ond their core) such that mi	e habitat), and tigation and/o	so could be vulnerable to activities occurring outside the designated site itself. Land within ralternative siting may be required by authorities further considering HRA issues for specific
- Some of European site interest features (e.g. bin supporting noise or vibration sensitive features is level operations. The European sites with features	considered to be of	of a potentially	y sensitive na	ature (due to i	its proximity to	to the European	an site) such tl	hat mitigation	and/or alterna	well as Stage B, C and D activities). Land within approximately 1km of a European site ative siting may be required by authorities further considering HRA issues for specific project fren SAC.
- More detailed information relating to designated	sites taken into a	ccount in this	assessment	can be viewe	ed by accessir	ng the followin	ıg link: http://jr	ncc.defra.gov.	uk/page-4	
- The location of the block and the relevant Europe	ean sites are illust	trated on the c	orrespondin	g map in App	endix E.					
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activiti	ties be carried	l out without	AEOI?		Notes
10km)	Within block?	If ac	ctivity is with	nin European s	site?	If a	ctivity is outsi	ide European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Severn Estuary Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a r	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section

Criterion 5 - regularly supports 20,000 or more waterbirds

Criterion 1 - sites containing representative, rare or

stage in their life cycles, or provides refuge Criterion 6 - regularly supports 1% of the individuals in a

ground, nursery and/or migration path

Criterion 4 - supports plant/animal species at a critical

population of one species/subspecies of waterbirds Criterion 8 - important source of food for fishes, spawning

unique wetland types

n/a

Yes

(above) should be noted.

Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
present within the Licence Block or within (10km)	within block?	If a	activity is with	in European s	site?	If a	ctivity is outsi	de European s	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Severn Estuary SPA	No	<u> </u>	<u> </u>	<u> </u>	<u> </u>	·		<u> </u>	<u> </u>	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D a
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to resu
Vaterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' se (above) should be noted.
undra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(444-14)
Gadwall (Anas strepera)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ommon redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Greater white-fronted goose (Anser albifrons albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Severn Estuary/Môr Hafren SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D ac
Sandbanks which are slightly covered by sea water all the time		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sections of the register o
Estuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
fludflats and sandflats not covered by seawater at low de		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
teefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae))	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
waite shad (Alosa fallax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
xmoor Heaths SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D ac
egetated sea cliffs of the Atlantic and Baltic Coasts		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sec
lorthern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
uropean dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Alkaline fens		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Old sessile oak woods with Ilex and Blechnum in the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Exmoor and Quantock Oakwoods SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D ac
Old sessile oak woods with Ilex and Blechnum in the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' see (above) should be noted.
Iluvial forests with Alnus glutinosa and Fraxinus xcelsior (Alno-Padion, Alnion incanae, Salicion albae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(2007) 20000
arbastelle (Barbastella barbastellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
echstein`s bat (Myotis bechsteini)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Conditions proposed for the licence Stage A, B. C and 0 solvites will be prohibited at or near to the surface within the boundaries of all European sites in this block. Advice proposed with the licence The block as European sites within it, or within tilen of the block boundary, in general, but within approximately from it a European site is considered to be of a potential by sentories making the property of the European site is considered to be of a potential by sentories and in the property of the European site is considered to be of a potential by sentories and in the property of the European site is considered to be of a potential by sentories and in the property of the European site is considered to be of a potential by sentories and in the property of the European site is considered to be of a potential by sentories and in the property of the European site is considered to be of a potential by sentories and in the property of the European site is to find the entire the sentories and in the property of the European site is to find the entire the sentories and in the entire th	Licence block: ST14									
Conditions proposed for the licence Stopp A, B, C and D advises will be prolitical and or near to the nurface valler the boundaries of all humpean sites in this book. Advice proposed with the licence The biolourng advice in given This block has Europeen date within . or willton trun of the block boundary. In given the licence of the province of		: Yes								
Advice proposed with the licence The blowing abrice is given: Th										
The following addor is given: This block has European sites within it, or within 1-ten of the block boundary. In general, land within approximately 1-ten of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) and the relative stating may be required by subcrites further considering HPA issues for specific project-level operations. In soon relations, by its places that has associated with 1954 and some Patients attend and some Patients attend to be of a potentially sensitive nature (due to its proximity to the European site boundaries, and so could be vulnerable to activities occurring outside the designated date fiself. Land within 194m of an SPA, or a Ramser risk designated to this bird populations, is therefore considered to be effect to make the burst of the expension of the special properties of the patients. Severe Eduary Patients and Severe Edua	Conditions proposed for the lic	cence								
of an SPA, or a Tamasar side designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its processive department). The European sizes potentially winerable in or near this block are Severn Estuary Ramans, Gevern Estuary SPA. Coastal or marine habitat features out the vulnerable to any change in coastal processes that cour due to echificate occurring along the coastilline. Land located along the coastilline (i.e. within 14m of the mean low water level), and which is also within 10km of a European size with coastal habitats, is the melorize cinculated and the coastilline (i.e. within 14m of the mean low water level), and which is also within 10km of a European size potentially without a considering of the coastilline (i.e. within 14m of the mean low water level), and which is also within 10km of a European size potentially without a considerable in the potential of the coastilline (i.e. within 14m of the mean low water level), and which is also within 10km of a European size potentially without a considerable in the potential of the size potentially without a considerable in the potentially without a considerable in or near this block are Exmoor and Quantock Claswoods SAC. But species usually and that this Report of the but populations is considered to be of a potentially sensitive nature (due to its proximity to the European site potentially without a considerable in or near this block are Exmoor and Quantock Claswoods SAC. Some of European site interest features (e.g. birds species, fark marine manufaction and considerable in or near this block a	Stage A, B, C and D activities will be prohibited at	or near to the sur	rface within the bo	oundaries of all	European sites in th	is block.				
This block has European stes within it, or within 1 fem of the block boundary. In general, lead within approximately 1/km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or attendance stellar management of the stellar populations, is therefore considered pNRA issues for specific project-level operations. In some hastinance his deposited for its brid populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or attendance stellar management of the stellar populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or attendance stellar management of the stellar populations. The European site is potentially varieties in or near this block are Severen Estuary Ramans, S	Advice proposed with the licen	ice								
alternative siting may be required by authorities further considering HHA saxies for specific project-level operations. In some instance, on the special position of the properties of the prop	The following advice is given:									
of an SPA, or a Tamasar side designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its processive department). The European sizes potentially winerable in or near this block are Severn Estuary Ramans, Gevern Estuary SPA. Coastal or marine habitat features out the vulnerable to any change in coastal processes that cour due to echificate occurring along the coastilline. Land located along the coastilline (i.e. within 14m of the mean low water level), and which is also within 10km of a European size with coastal habitats, is the melorize cinculated and the coastilline (i.e. within 14m of the mean low water level), and which is also within 10km of a European size potentially without a considering of the coastilline (i.e. within 14m of the mean low water level), and which is also within 10km of a European size potentially without a considerable in the potential of the coastilline (i.e. within 14m of the mean low water level), and which is also within 10km of a European size potentially without a considerable in the potential of the size potentially without a considerable in the potentially without a considerable in or near this block are Exmoor and Quantock Claswoods SAC. But species usually and that this Report of the but populations is considered to be of a potentially sensitive nature (due to its proximity to the European site potentially without a considerable in or near this block are Exmoor and Quantock Claswoods SAC. Some of European site interest features (e.g. birds species, fark marine manufaction and considerable in or near this block a						of a Europea	n site is consid	ered to be of	a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European sites potentially vulnerable in one and this block are Severn Estuary Paramas. Revern Estuary/Mor Halmer SAC. Ofters (Lutra lutra) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting outers, and which is also within 200 metres of a combibutory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potentials) to eused by others) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vinetiable in or near this block are European alternative outside the estimate of the estimate	of an SPA, or a Ramsar site designated for its bird	populations, is the	nerefore consider	red to be of a po	otentially sensitive na	ature (due to its	s proximity to the	he European		
otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European site potentially valenately in or near this block are extended and control of the European site potentially valenately in or near this block are Extended and Cause and the European site potentially valenately in or near this block are Extended and Cause and European site potentially valenately in or near this block are Extended and Cause and European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site and and/or alternative siting may be required by authorities further considering HRA issues for specific project evel operations. The European site with features potentially vulnerable in or the birds or near the European site with features potentially vulnerable in or the birds or near the European site and and/or alternative siting may be required by authorities further considering HRA issues for specific project evel operations. The European site with features potentially vulnerable in or the birds are read to the specific project evel operations. The European site with features potentially vulnerable in or the birds are read to the specific project evel operations. The European site with features	European site with coastal habitats, is therefore co	onsidered to be of	f a potentially sen	nsitive nature (d	lue to its potential co	nnectivity to a	European site)	such that mi		
the 10km of an SAC designated for its bat populations is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Exmoor and Quantock Oakwoods SAC. Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities. Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially value rate (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities. Land within approximately 1km of a European site supporting noise or vibration sensitive features potentially vulnerable to this in or near this block are Severn Estuary SPA, Severn Estuary/Mor Hafren SAC. More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4 The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E. Assessment of Effects on Relevant European Sites Can Stage A, B, C or D activities be carried out without AEO/7 [Notes [proximal foot or within within block 7]] Notes [proximal foot or site of the proximal foot	otters, and which is also within 200 metres of a co	ntributory waterco	ourse to that site,	, is considered t	to be of a potentially	sensitive natur	re (due to its po	otential to be	used by otte	
Assessment of Effects on Relevant European Sites Assessment of Effects on Relevant European Sites Assessment of Effects on Relevant European Sites Designated Sites and Interest Features Location of the Block or within the Licence Block or within block?	the 10km of an SAC designated for its bat populati	ions is considered	d to be of a poten	ntially sensitive	nature (due to its pro	ximity to the E				
Assessment of Effects on Relevant European Sites Relevant European Sites Can Stage A, B, C or D activities be carried out without AEOI? Within block?	supporting noise or vibration sensitive features is o	considered to be	of a potentially se	ensitive nature	(due to its proximity t	o the Europea	n site) such tha	at mitigation a	and/or alterna	ative siting may be required by authorities further considering HRA issues for specific project
Assessment of Effects on Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within within block?) Can Stage A, B, C or D activities be carried out without AEO!? Notes	- More detailed information relating to designated s	sites taken into a	ccount in this ass	sessment can b	e viewed by accessi	ng the following	g link: http://jnc	c.defra.gov.u	ık/page-4	
Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within within block? Second Stage A, B, C or D activities be carried out without AEOI? Notes	- The location of the block and the relevant Europe	ean sites are illus	trated on the corr	responding map	o in Appendix E.					
Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within within block? Second Stage A, B, C or D activities be carried out without AEOI? Notes										
Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within within block? Can Stage A, B, C or D activities be carried out without AEOI? Within block?										
Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within within block? Second Stage A, B, C or D activities be carried out without AEOI? Notes										
Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within within block? Second Stage A, B, C or D activities be carried out without AEOI? Notes	Assessment of Fife to									
Designated Sites and Interest Features Is Euro. site Can Stage A, B, C or D activities be carried out without AEOI? (present within the Licence Block or within within block?										
	Designated Sites and Interest Features			Can Stage	A, B, C or D activit	ies be carried	out without A	EOI?		Notes
		within block?	If activi	rity is within Eur	opean site?	If a	ctivity is outsid	e European s	site?	
Stage A Stage B Stage C Stage D Stage A Stage B Stage C Stage D			Stage A S	Stage B St	age C Stage D	Stage A	Stage B	Stage C	Stage D	

	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	ctivity is outsi	de European s	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Severn Estuary Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes	
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path		Yes	No	No	No	Yes	Yes	Yes	Yes	
Severn Estuary SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted:
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
Tundra swan (Cygnus columbianus bewickii)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Gadwall (Anas strepera)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	incerice section (above) should be noted.
Greater white-fronted goose (Anser albifrons albifrons)		No	No	No	No	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	
Severn Estuary/Môr Hafren SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
Sandbanks which are slightly covered by sea water all the time		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted:
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
Mudflats and sandflats not covered by seawater at low tide		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes	
Twaite shad (Alosa fallax)		No	No	No	No	Yes	Yes	Yes	Yes	
Exmoor and Quantock Oakwoods SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
Old sessile oak woods with Ilex and Blechnum in the British Isles		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage A, b, C and b activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Barbastelle (Barbastella barbastellus)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Bechstein's bat (Myotis bechsteini)		No	No	No	No	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		Yes	No	No	No	Yes	Yes	Yes	Yes	

Licence block: ST24							
Granting of licence proposed?: \	/es						
oraning or morning proposition							
Conditions proposed for the lice	nce						
Stage A, B, C and D activities will be prohibited at or	near to the surface within	the boundaries of all Eu	ropean sites in this	s block.			
Advice proposed with the licence	е						
The following advice is given:							
- This block has European sites within it, or within 1kr alternative siting may be required by authorities further				of a European site is	considered to be o	f a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
	pulations, is therefore con	nsidered to be of a pote	ntially sensitive nat	ture (due to its proxir	nity to the Europear	n site) such th	ould be vulnerable to activities occurring outside the designated site itself. Land within 10km at mitigation and/or alternative siting may be required by authorities further considering HRA merset Levels and Moors SPA, Severn Estuary SPA.
	idered to be of a potential	ly sensitive nature (due	to its potential con	nectivity to a Europe	an site) such that m		coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a or alternative siting may be required by authorities further considering HRA issues for
	ibutory watercourse to tha	t site, is considered to b	e of a potentially s	ensitive nature (due	to its potential to be	used by otte	curring outside the designated site itself. Land that is within 10km of a site supporting rs) such that mitigation and/or alternative siting may be required by authorities further
	s is considered to be of a	potentially sensitive nat	ure (due to its prox	kimity to the Europea	ın site) such that mit	tigation and/o	so could be vulnerable to activities occurring outside the designated site itself. Land within r alternative siting may be required by authorities further considering HRA issues for specific
supporting noise or vibration sensitive features is con	sidered to be of a potenti	ally sensitive nature (du	e to its proximity to	the European site)	such that mitigation	and/or alterna	well as Stage B, C and D activities). Land within approximately 1km of a European site ative siting may be required by authorities further considering HRA issues for specific project Levels and Moors SPA, Severn Estuary SPA, Severn Estuary/Môr Hafren SAC.
- More detailed information relating to designated site	es taken into account in th	is assessment can be v	iewed by accessing	g the following link: h	http://jncc.defra.gov.	uk/page-4	
- The location of the block and the relevant European	sites are illustrated on th	e corresponding map in	Appendix E.				
Assessment of Effects on Relevant European Sites							
	Euro. site	Can Stage A,	B, C or D activitie	es be carried out w	thout AEOI?		Notes
10km)		activity is within Europe	ean site?	If activity is	s outside European	site?	
	Stage A	Stage B Stage	e C Stage D	Stage A Sta	ge B Stage C	Stage D	

•	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	d out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	activity is outsi	de European :	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	1
Severn Estuary Ramsar	Yes	<u> </u>		-		1	-			This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Criterion 3 - supports populations of plant/animal species mportant for maintaining regional biodiversity		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). For activities occurring outside the boundary of the European site, the 'Advice proposed with the
Criterion 1 - sites containing representative, rare or inique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes	
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path		Yes	No	No	No	Yes	Yes	Yes	Yes	
Somerset Levels & Moors Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) Siloulu de Hoteu.
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Somerset Levels and Moors SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Tundra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Northern lapwing (Vanellus vanellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Vaterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Severn Estuary SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted:
Vaterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
「undra swan (Cygnus columbianus bewickii)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Gadwall (Anas strepera)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	
Greater white-fronted goose (Anser albifrons albifrons)		No	No	No	No	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	
Severn Estuary/Môr Hafren SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Sandbanks which are slightly covered by sea water all he time		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Mudflats and sandflats not covered by seawater at low ide		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes	
waite shad (Alosa fallax)		No	No	No	No	Yes	Yes	Yes	Yes	

Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
10km)		If a	ctivity is withi	n European s	site?	If a	ctivity is outsi	de European :	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Exmoor and Quantock Oakwoods SAC	No		<u> </u>	<u>'</u>	<u>'</u>		<u>'</u>	<u> </u>		This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Old sessile oak woods with Ilex and Blechnum in the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Barbastelle (Barbastella barbastellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bechstein`s bat (Myotis bechsteini)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Mendip Limestone Grasslands SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Caves not open to the public		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Tilio-Acerion forests of slopes, screes and ravines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Greater horseshoe bat (Rhinolophus ferrumequinum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage A, B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Severn Estuary Ramsar, Somerset Levels & Moors Ramsar, Somerset Levels and Moors SPA, Severn Estuary SPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Severn Estuary Ramsar, Severn Estuary/Môr Hafren SAC.
- Bat species usually rely on non-designated habitats beyond the European site boundaries (bats can commute and forage for many kilometres beyond their core habitat), and so could be vulnerable to activities occurring outside the designated site itself. Land within the 10km of an SAC designated for its bat populations is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are North Somerset and Mendip Bats SAC, Mendip Limestone Grasslands SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Severn Estuary Ramsar, Somerset Levels & Moors Ramsar, Somerset Levels and Moors SPA, Severn Estuary SPA, Severn Estuary/Môr Hafren SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?												
10km)		If a	activity is with	in European s	site?	If a	If activity is outside European site?						
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D				
Criterion 5 - regularly supports 20,000 or more waterbirds	V	No	No	No	No	Yes	Yes	Yes	Yes				
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes				
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes				
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes				
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path	ı	Yes	No	No	No	Yes	Yes	Yes	Yes				

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:

- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).

Notes

- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Designated Sites and Interest Features	Is Euro. site		Can	Stage A. B. C	or D activiti	es be carried	out without		Notes	
	within block?	lf &		in European s			activity is outsi		site?	+
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Somerset Levels & Moors Ramsar	No	<u> </u>	<u> </u>	<u> </u>			<u> </u>	<u> </u>	<u> </u>	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) Silvulu be livieu.
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
omerset Levels and Moors SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
undra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Northern lapwing (Vanellus vanellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Vaterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
· ·	Yes					.,	.,	.,	.,	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the effects do not register at surface) are not considered likely to result in AEOI. With regard to activities
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted:
Vaterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	 Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
undra swan (Cygnus columbianus bewickii)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
adwall (Anas strepera)		No No	No No	No No	No No	Yes Yes	Yes Yes	Yes Yes	Yes Yes	licence' section (above) should be noted.
Common redshank (Tringa totanus) Greater white-fronted goose (Anser albifrons albifrons)		No	No	No	No	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	
		NO	140	140	140	103	103	103	103	This site is assessed within the lineage black Class A. D. Class D. celivities undertaken at death (so the
severn Estuary/Môr Hafren SAC sandbanks which are slightly covered by sea water all ne time	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: Stage A, B, C and D, activities within the European site boundary are considered likely to result in
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
fludflats and sandflats not covered by seawater at low de		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
teefs		Yes	No	No	No	Yes	Yes	Yes	Yes	
tlantic salt meadows (Glauco-Puccinellietalia maritimae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes	
waite shad (Alosa fallax)		No	No	No	No	Yes	Yes	Yes	Yes	
North Somerset and Mendip Bats SAC Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activitic undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Caves not open to the public		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ilio-Acerion forests of slopes, screes and ravines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
esser horseshoe bat (Rhinolophus hipposideros)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
reater horseshoe bat (Rhinolophus ferrumequinum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
•	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the affects do not register at purpose) are not considered likely to regult in AEQL. With regard to orbitish
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted:
emi-natural dry grasslands and scrubland facies on alcareous substrates (Festuco-Brometalia) (* important rchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Caves not open to the public		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
ilio-Acerion forests of slopes, screes and ravines		Yes	No	No	No	Yes	Yes	Yes	Yes	
Greater horseshoe bat (Rhinolophus ferrumequinum)		No	No	No	No	Yes	Yes	Yes	Yes	

Licence block: ST34							
Granting of licence proposed?:	Yes						
Conditions proposed for the lic	ence						
Stage A, B, C and D activities will be prohibited at o	or near to the sur	face within the boundaries	s of all European sites in th	is block.			
Advice proposed with the licen	ce						
The following advice is given:							
- This block has European sites within it, or within 1 alternative siting may be required by authorities fur				of a European site is co	nsidered to be of a	a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
of an SPA, or a Ramsar site designated for its bird	populations, is th	erefore considered to be	of a potentially sensitive na	ture (due to its proximity	to the European s	site) such tha	ould be vulnerable to activities occurring outside the designated site itself. Land within 10km at mitigation and/or alternative siting may be required by authorities further considering HRA merset Levels and Moors SPA, Severn Estuary SPA.
	nsidered to be of	a potentially sensitive nat	ure (due to its potential cor	nnectivity to a European	site) such that mitig		coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a or alternative siting may be required by authorities further considering HRA issues for
	ons is considered	to be of a potentially sen	sitive nature (due to its pro	ximity to the European si	te) such that mitig	gation and/or	so could be vulnerable to activities occurring outside the designated site itself. Land within ralternative siting may be required by authorities further considering HRA issues for specific
supporting noise or vibration sensitive features is c	onsidered to be	of a potentially sensitive na	ature (due to its proximity to	o the European site) sucl	that mitigation ar	nd/or alterna	well as Stage B, C and D activities). Land within approximately 1km of a European site stive siting may be required by authorities further considering HRA issues for specific project Levels and Moors SPA, Severn Estuary SPA, Severn Estuary/Môr Hafren SAC.
- More detailed information relating to designated s	ites taken into ad	count in this assessment	can be viewed by accessir	ng the following link: http:	/jncc.defra.gov.uk	k/page-4	
- The location of the block and the relevant Europe	an sites are illust	rated on the correspondin	g map in Appendix E.				
Assessment of Effects on Relevant European Sites							
Designated Sites and Interest Features	Is Euro. site within block?	Can	Stage A, B, C or D activiti	es be carried out witho	ut AEOI?		Notes
10km)	WIGHT SIOCK?	If activity is with	in European site?	If activity is ou	tside European sit	te?	
		Stage A Stage B	Stage C Stage D	Stage A Stage E	Stage C	Stage D	

	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	d out without	AEOI?		Notes
(present within the Licence Block or within 10km)	WITHIN DIOCK?	If a	activity is with	in European s	site?	If a	activity is outsi	de European	site?	1
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	1
Severn Estuary Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so t
Criterion 3 - supports populations of plant/animal species mportant for maintaining regional biodiversity		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activitie or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Criterion 1 - sites containing representative, rare or inique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes	
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path		Yes	No	No	No	Yes	Yes	Yes	Yes	
Somerset Levels & Moors Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activitie or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		Yes	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above) for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Somerset Levels and Moors SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so
Fundra swan (Cygnus columbianus bewickii)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activitie
lorthern lapwing (Vanellus vanellus)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted:
European golden plover (Pluvialis apricaria)		No	No	No	No	Yes	Yes	Yes	Yes	 Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
Eurasian teal (Anas crecca)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Naterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Severn Estuary SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (sc
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activit
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted:
vateriowi assembiage Tundra swan (Cygnus columbianus bewickii)		No	No	No	No	Yes	Yes	Yes	Yes	 Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
andra swan (Cygnus columbianus bewickii) Gadwall (Anas strepera)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Greater white-fronted goose (Anser albifrons albifrons)		No	No	No	No	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	
· · · · · · · · · · · · · · · · · · ·	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so
Sandbanks which are slightly covered by sea water all the time		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activi or near the surface', the following should be noted:
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
fludflats and sandflats not covered by seawater at low de		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	
utlantic salt meadows (Glauco-Puccinellietalia maritimae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes	
Twaite shad (Alosa fallax)		No	No	No	No	Yes	Yes	Yes	Yes	

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activiti	es be carried	l out without	AEOI?		Notes
10km)	Within block:	If a	activity is with	in European	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Mendip Woodlands SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Tilio-Acerion forests of slopes, screes and ravines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
North Somerset and Mendip Bats SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Caves not open to the public		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Tilio-Acerion forests of slopes, screes and ravines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Lesser horseshoe bat (Rhinolophus hipposideros)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Greater horseshoe bat (Rhinolophus ferrumequinum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Mendip Limestone Grasslands SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Caves not open to the public		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Tilio-Acerion forests of slopes, screes and ravines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Greater horseshoe bat (Rhinolophus ferrumequinum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: ST35							
Granting of licence proposed?	: Yes						
oraning or morning proposition							
Conditions proposed for the lic	cence						
Stage A, B, C and D activities will be prohibited at	or near to the sur	face within the boundaries	of all European sites in th	s block.			
Advice proposed with the licen	ice						
The following advice is given:							
This block has European sites within it, or within alternative siting may be required by authorities fur				of a European site is co	sidered to be of a	a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
of an SPA, or a Ramsar site designated for its bird	populations, is the	nerefore considered to be o	of a potentially sensitive na	ture (due to its proximity	to the European s	site) such tha	ould be vulnerable to activities occurring outside the designated site itself. Land within 10km at mitigation and/or alternative siting may be required by authorities further considering HRA merset Levels and Moors SPA, Severn Estuary SPA.
	onsidered to be of	f a potentially sensitive nati	ure (due to its potential cor	nnectivity to a European	ite) such that mit		coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a or alternative siting may be required by authorities further considering HRA issues for
	ions is considere	d to be of a potentially sens	sitive nature (due to its pro	ximity to the European si	e) such that mitig	gation and/or	so could be vulnerable to activities occurring outside the designated site itself. Land within ralternative siting may be required by authorities further considering HRA issues for specific
supporting noise or vibration sensitive features is o	considered to be	of a potentially sensitive na	ature (due to its proximity to	the European site) such	that mitigation a	nd/or alterna	well as Stage B, C and D activities). Land within approximately 1km of a European site tive siting may be required by authorities further considering HRA issues for specific project Levels and Moors SPA, Severn Estuary SPA, Severn Estuary/Môr Hafren SAC.
- More detailed information relating to designated s	sites taken into a	ccount in this assessment	can be viewed by accessir	g the following link: http:/	/jncc.defra.gov.uk	k/page-4	
- The location of the block and the relevant Europe	ean sites are illus	trated on the corresponding	g map in Appendix E.				
Assessment of Effects on Relevant European Sites							
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?	Can S	Stage A, B, C or D activiti	es be carried out witho	ıt AEOI?		Notes
10km)	WIGHT DIOCK?	If activity is withi	n European site?	If activity is ou	side European si	ite?	
		Stage A Stage B	Stage C Stage D	Stage A Stage E	Stage C	Stage D	

•	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	d out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	activity is outsi	de European :	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	1
Severn Estuary Ramsar	Yes	<u> </u>				1	-			This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Criterion 3 - supports populations of plant/animal species mportant for maintaining regional biodiversity		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). For activities occurring outside the boundary of the European site, the 'Advice proposed with the
Criterion 1 - sites containing representative, rare or inique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes	
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path		Yes	No	No	No	Yes	Yes	Yes	Yes	
Somerset Levels & Moors Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) Siloulu de Hoteu.
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Somerset Levels and Moors SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Tundra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Northern lapwing (Vanellus vanellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Vaterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Severn Estuary SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted:
Vaterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
「undra swan (Cygnus columbianus bewickii)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Gadwall (Anas strepera)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	
Greater white-fronted goose (Anser albifrons albifrons)		No	No	No	No	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	
Severn Estuary/Môr Hafren SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Sandbanks which are slightly covered by sea water all he time		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Mudflats and sandflats not covered by seawater at low ide		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes	
waite shad (Alosa fallax)		No	No	No	No	Yes	Yes	Yes	Yes	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, (C or D activiti	ies be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	hin European	site?	If a	ctivity is outs	ide European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Mendip Woodlands SAC	No					·	•			This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Tilio-Acerion forests of slopes, screes and ravines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
North Somerset and Mendip Bats SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Caves not open to the public		Yes	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Tilio-Acerion forests of slopes, screes and ravines		Yes	No	No	No	Yes	Yes	Yes	Yes	
Lesser horseshoe bat (Rhinolophus hipposideros)		No	No	No	No	Yes	Yes	Yes	Yes	
Greater horseshoe bat (Rhinolophus ferrumequinum)		No	No	No	No	Yes	Yes	Yes	Yes	
Mendip Limestone Grasslands SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Caves not open to the public		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Tilio-Acerion forests of slopes, screes and ravines		Yes	No	No	No	Yes	Yes	Yes	Yes	
Greater horseshoe bat (Rhinolophus ferrumequinum)		No	No	No	No	Yes	Yes	Yes	Yes	

Licence block: ST36						
Granting of licence proposed?	: Yes					
oraning or mornes proposed.						
Conditions proposed for the lic	cence					
Stage A, B, C and D activities will be prohibited at	or near to the sur	face within the boundaries	of all European sites in thi	s block.		
Advice proposed with the licen	ice					
The following advice is given:						
- This block has European sites within it, or within alternative siting may be required by authorities fur				of a European site is consi	dered to be of a potenti	ally sensitive nature (due to its proximity to the European site) such that mitigation and/or
	populations, is the	nerefore considered to be o	f a potentially sensitive na	ture (due to its proximity to	the European site) sucl	o could be vulnerable to activities occurring outside the designated site itself. Land within 10km h that mitigation and/or alternative siting may be required by authorities further considering HRA
	onsidered to be of	a potentially sensitive natu	re (due to its potential cor	nectivity to a European site) such that mitigation a	the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a and/or alternative siting may be required by authorities further considering HRA issues for
	ions is considere	d to be of a potentially sens	itive nature (due to its pro	kimity to the European site)	such that mitigation an	and so could be vulnerable to activities occurring outside the designated site itself. Land within id/or alternative siting may be required by authorities further considering HRA issues for specific
	considered to be	of a potentially sensitive na	ture (due to its proximity to	the European site) such the	at mitigation and/or alte	(as well as Stage B, C and D activities). Land within approximately 1km of a European site ernative siting may be required by authorities further considering HRA issues for specific project Hafren SAC.
- More detailed information relating to designated	sites taken into a	ccount in this assessment c	an be viewed by accessin	g the following link: http://jn	cc.defra.gov.uk/page-4	
- The location of the block and the relevant Europe	ean sites are illus	trated on the corresponding	map in Appendix E.			
Assessment of Effects on Relevant European Sites						
Designated Sites and Interest Features	Is Euro. site	Can S	tage A, B, C or D activitie	es be carried out without	AEOI?	Notes
(present within the Licence Block or within 10km)	within block?	If activity is within			le European site?	
,		Stage A Stage B	Stage C Stage D	Stage A Stage B	Stage C Stage	D

	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	d out without	AEOI?		Notes
present within the Licence Block or within 10km)	within block?	If a	activity is with	n European s	ite?	If a	activity is outsi	de European :	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Severn Estuary Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Criterion 3 - supports populations of plant/animal species mportant for maintaining regional biodiversity		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, b, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Criterion 1 - sites containing representative, rare or inique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge		Yes	No	No	No	Yes	Yes	Yes	Yes	
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path		Yes	No	No	No	Yes	Yes	Yes	Yes	
Severn Estuary SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities ' or near the surface', the following should be noted:
Vaterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
Fundra swan (Cygnus columbianus bewickii)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Gadwall (Anas strepera)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	
Greater white-fronted goose (Anser albifrons albifrons)		No	No	No	No	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	
Severn Estuary/Môr Hafren SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Sandbanks which are slightly covered by sea water all he time		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface, the following should be noted:
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
Mudflats and sandflats not covered by seawater at low ide		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes	
waite shad (Alosa fallax)		No	No	No	No	Yes	Yes	Yes	Yes	
Mendip Woodlands SAC Tilio-Acerion forests of slopes, screes and ravines	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
North Somerset and Mendip Bats SAC	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Caves not open to the public		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Tilio-Acerion forests of slopes, screes and ravines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
esser horseshoe bat (Rhinolophus hipposideros)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on														
Relevant European Sites														
signated Sites and Interest Features Is Euro. site Can Stage A, B, C or D activities be carried out without AEOI? resent within the Licence Block or within within block?										Notes				
10km)		If a	ctivity is withi	n European s	ite?	If ac	ctivity is outsic	le European s	site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					
Mendip Limestone Grasslands SAC	No				<u> </u>	<u> </u>			•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities				
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section				
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.				
Caves not open to the public		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Tilio-Acerion forests of slopes, screes and ravines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Greater horseshoe bat (Rhinolophus ferrumequinum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Salisbury Plain SPA, River Avon SAC.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Salisbury Plain SPA.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Avon SAC.
- Bat species usually rely on non-designated habitats beyond the European site boundaries (bats can commute and forage for many kilometres beyond their core habitat), and so could be vulnerable to activities occurring outside the designated site itself. Land within the 10km of an SAC designated for its bat populations is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Mells Valley SAC, Chilmark Quarries SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Salisbury Plain SPA, River Avon SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://incc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on
Relevant European Sites
Designated Sites and Interest Features

itelevant European oites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activiti	es be carried	d out without	AEOI?		Notes
10km)	Within Diock?	If a	activity is with	in European s	site?	If a	activity is outs	ide European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Salisbury Plain SPA	Yes		1						<u>'</u>	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Eurasian hobby (Falco subbuteo)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a
Common quail (Coturnix coturnix) Stone-curlew (Burhinus oedicnemus)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
		No	No	No	No	Yes	Yes	Yes	Yes	
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Mells Valley SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Caves not open to the public		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Greater horseshoe bat (Rhinolophus ferrumequinum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

ssessment of Effects on												
Relevant European Sites												
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes		
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D			
Salisbury Plain SAC	Yes	•		•	•					This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that		
Juniperus communis formations on heaths or calcareous grasslands		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI –		
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in ALCI - see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.		
Marsh fritillary butterfly (Euphydryas (Eurodryas, Hypodryas) aurinia)		Yes	No	No	No	Yes	Yes	Yes	Yes			
River Avon SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that		
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the		
Desmoulin`s whorl snail (Vertigo moulinsiana)		Yes	No	No	No	Yes	Yes	Yes	Yes			
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.		
Brook lamprey (Lampetra planeri)		No	No	No	No	Yes	Yes	Yes	Yes			
Atlantic salmon (Salmo salar)		No	No	No	No	Yes	Yes	Yes	Yes			
Bullhead (Cottus gobio)		Yes	No	No	No	Yes	Yes	Yes	Yes			
Chilmark Quarries SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities		
Lesser horseshoe bat (Rhinolophus hipposideros)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section		
Greater horseshoe bat (Rhinolophus ferrumequinum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.		
Barbastelle (Barbastella barbastellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Bechstein`s bat (Myotis bechsteini)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Mendip Woodlands SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities		
Tilio-Acerion forests of slopes, screes and ravines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.		

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Salisbury Plain SPA.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Salisbury Plain SPA.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Avon SAC.
- Bat species usually rely on non-designated habitats beyond the European site boundaries (bats can commute and forage for many kilometres beyond their core habitat), and so could be vulnerable to activities occurring outside the designated site itself. Land within the 10km of an SAC designated for its bat populations is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Bath and Bradford-on-Avon Bats SAC, Mells Valley SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Salisbury Plain SPA, River Avon SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on
Relevant European Sites
D i

Relevant European Sites											
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	s be carried	out without	AEOI?		Notes	
10km)		If activity is within European site?				If a	ctivity is outsi	de European	site?		
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Salisbury Plain SPA	Yes							•	•	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that	
Eurasian hobby (Falco subbuteo)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:	
Common quail (Coturnix coturnix)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in	
Stone-curlew (Burhinus oedicnemus)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).	
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	
Bath and Bradford-on-Avon Bats SAC	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D	
Lesser horseshoe bat (Rhinolophus hipposideros)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered like result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the	
Greater horseshoe bat (Rhinolophus ferrumequinum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	section (above) should be noted.	
Bechstein`s bat (Myotis bechsteini)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		

Assessment of Effects on												
Relevant European Sites												
	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes		
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D			
Mells Valley SAC	No		•		•		•	•		This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities		
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.		
Caves not open to the public		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Greater horseshoe bat (Rhinolophus ferrumequinum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Salisbury Plain SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that		
Juniperus communis formations on heaths or calcareous grasslands		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:		
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage B, C and D activities within the European site boundary are considered likely to result in Al see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted. 		
Marsh fritillary butterfly (Euphydryas (Eurodryas, Hypodryas) aurinia)		Yes	No	No	No	Yes	Yes	Yes	Yes			
River Avon SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities		
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.		
Desmoulin`s whorl snail (Vertigo moulinsiana)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Brook lamprey (Lampetra planeri)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Atlantic salmon (Salmo salar)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Mendip Woodlands SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities		
Tilio-Acerion forests of slopes, screes and ravines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.		

Licence block: ST94											
Granting of licence proposed?	: Yes										
Conditions proposed for the lic	ence										
										e prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to n Appendix E). The sites in which Stage A activities are prohibited are: Salisbury Plain SPA,	
Advice proposed with the licen	ice										
The following advice is given:											
- This block has European sites within it, or within alternative siting may be required by authorities fur						of a European	site is consid	lered to be of	f a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or	
	populations, is th	nerefore consid	lered to be of a	a potentially se	ensitive nati	ure (due to its				ould be vulnerable to activities occurring outside the designated site itself. Land within 10km at mitigation and/or alternative siting may be required by authorities further considering HRA	
	due to its potentia									site, and which is also within 200 metres of a contributory watercourse to that site, is es further considering HRA issues for specific project-level operations. The European sites	
sat species usually rely on non-designated habitats beyond the European site boundaries (bats can commute and forage for many kilometres beyond their core habitat), and so could be vulnerable to activities occurring outside the designated site itself. Land within the 10km of an SAC designated for its bat populations is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific object-level operations. The European sites potentially vulnerable in or near this block are Chilmark Quarries SAC.											
Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site upporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project vel operations. The European sites with features potentially vulnerable to this in or near this block are Salisbury Plain SPA, River Avon SAC.											
- More detailed information relating to designated	sites taken into a	ccount in this a	ssessment ca	n be viewed by	y accessing	the following	link: http://jn	cc.defra.gov.u	ık/page-4		
- The location of the block and the relevant Europe					,	,					
The location of the block and the relevant Europe	an sites are illus	irated on the co	orresponding i	пар пт дррепо	IIX L.						
Assessment of Effects on Relevant European Sites											
Designated Sites and Interest Features	Is Euro. site		Can Sta	age A, B, C or	D activitie	s be carried	out without	AEOI?		Notes	
(present within the Licence Block or within 10km)	within block?	If act	tivity is within I	European site?	?	If ac	tivity is outsic				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		

Assessment of Effects on											
Relevant European Sites											
Designated Sites and Interest Features	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes	
(present within the Licence Block or within 10km)	within block?	If a	activity is withi	n European s	site?	If a	ctivity is outsid	de European s	site?		
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Salisbury Plain SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that	
Eurasian hobby (Falco subbuteo)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:	
Common quail (Coturnix coturnix)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in	
Stone-curlew (Burhinus oedicnemus)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).	
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted. 	
Salisbury Plain SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that	
Juniperus communis formations on heaths or calcareous grasslands		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:	
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted. 	
Marsh fritillary butterfly (Euphydryas (Eurodryas, Hypodryas) aurinia)		Yes	No	No	No	Yes	Yes	Yes	Yes		
River Avon SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that	
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).	
Desmoulin's whorl snail (Vertigo moulinsiana)		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the	
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.	
Brook lamprey (Lampetra planeri)		No	No	No	No	Yes	Yes	Yes	Yes		
Atlantic salmon (Salmo salar)		No	No	No	No	Yes	Yes	Yes	Yes		
Bullhead (Cottus gobio)		Yes	No	No	No	Yes	Yes	Yes	Yes		
Chilmark Quarries SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities	
Lesser horseshoe bat (Rhinolophus hipposideros)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in	
Greater horseshoe bat (Rhinolophus ferrumequinum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sec (above) should be noted.	
Barbastelle (Barbastella barbastellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(
Bechstein`s bat (Myotis bechsteini)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Salisbury Plain SPA.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Salisbury Plain SPA.
- Riparian or estuarine habitats and species may be sensitive to impacts on tributary watercourses by activities. Land that is within 10km of a riparian or estuarine European site, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are River Avon SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Salisbury Plain SPA, River Avon SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link; http://incc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on

Relevant European Sites

Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes
10km)	Within block!	If activity is within European site?				If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Salisbury Plain SPA	Yes				•	•		•	•	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Eurasian hobby (Falco subbuteo)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at
Common quail (Coturnix coturnix)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Stone-curlew (Burhinus oedicnemus)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Salisbury Plain SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Juniperus communis formations on heaths or calcareous grasslands		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage B, C and D activities within the European site boundary are considered likely to result in see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with t licence' section (above) should be noted.
Marsh fritillary butterfly (Euphydryas (Eurodryas, Hypodryas) aurinia)		Yes	No	No	No	Yes	Yes	Yes	Yes	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	Notes		
10km)		If a	activity is withi	n European s	site?	If a	ctivity is outsid	le European :	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
River Avon SAC	No		•	•					•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Desmoulin`s whorl snail (Vertigo moulinsiana)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Brook lamprey (Lampetra planeri)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic salmon (Salmo salar)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

	nce block: SU34b ating of licence propose	do. Vaa									
Gran	iting of licence propose	40. V									
Gran	tung or nooned proposes	a:: res									
Cond	ditions proposed for the	licence									
No cond	ditions proposed.										
Advi	ce proposed with the lic	ence									
The follo	owing advice is given:										
											ries, and so could be vulnerable to activities occurring outside the designated site proximity to the European site) such that mitigation and/or alternative siting may be orton Down SPA, Salisbury Plain SPA.
of a Eur		on sensitive feat	tures is cons	idered to be	of a potentia	ally sensitive	nature (due	to its proxim	ity to the Eur	opean site)	A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further n SPA, Salisbury Plain SPA.
- More o	detailed information relating to designa	ted sites taken	into account	in this asse	ssment can	be viewed by	accessing t	he following	link: http://jn	cc.defra.gov	.uk/page-4
	ocation of the block and the relevant Eu										
	essment of Effects on vant European Sites										
Design			Can Stage A, B, C or D activities be carried out without AEOI?								Notes
(presen	nt within the Licence Block or 10km)	within block?	If activity is within European site? If acti					tivity is outsion	de European	site?	
			Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

Relevant European Sites Designated Sites and Interest Features	Is Euro, site	l	Can St	200 A B C	or D activitie	ne ho carrio	Notes			
(present within the Licence Block or	within			• , ,						Notes
within 10km)	block?	If ac	If activity is within European site?			If ac	tivity is outsi	de European	n site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Porton Down SPA	No		•	•			-		*	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Stone-curlew (Burhinus oedicnemus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Salisbury Plain SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Eurasian hobby (Falco subbuteo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Common quail (Coturnix coturnix)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Stone-curlew (Burhinus oedicnemus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Hen harrier (Circus cyaneus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Salisbury Plain SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Juniperus communis formations on heaths or calcareous grasslands		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (*		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
important orchid sites) Marsh fritillary butterfly (Euphydryas (Eurodryas, Hypodryas) aurinia)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: SU44										
Granting of licence propose	d?: Yes									
on many or more property										
Conditions proposed for the	licence									
No conditions proposed.										
Advice proposed with the lie	cence									
The following advice is given:										
	of a potentially se	ensitive natur	e (due to its	s potential co	nnectivity to	a European				rine European site, and which is also within 200 metres of a contributory rnative siting may be required by authorities further considering HRA issues for
, ,	nin 200 metres o	f a contributo	ory watercou	urse to that s	ite, is consid	dered to be o	of a potential	ly sensitive r	nature (due t	to activities occurring outside the designated site itself. Land that is within 10km of o its potential to be used by otters) such that mitigation and/or alternative siting may e River Itchen SAC.
	on sensitive feat	ures is consid	dered to be	of a potentia	ally sensitive	nature (due	to its proxim	nity to the Eu	ropean site)	A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further sAC.
- More detailed information relating to designa	ated sites taken i	nto account i	in this asses	ssment can b	oe viewed by	accessing t	the following	link: http://jr	ncc.defra.gov	v.uk/page-4
- The location of the block and the relevant E	urupean sites ar	e musualeu c	on the cone.	sportung ma	р III Дррено	L.				
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site		Can Sta	ge A, B, C o	or D activitie	es be carried	Notes			
(present within the Licence Block or within 10km)	within block?	If activity is within European site?			If act		de European			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

Assessment of Effects on Relevant European Sites Designated Sites and Interest Features	Is Euro. site		Can Sta	ge A, B, C d	or D activiti	es be carrie	d out witho	ut AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If ac	tivity is with	in European	site?	If ac	tivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
River Itchen SAC Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation Southern damselfly (Coenagrion mercuriale)		n/a n/a	n/a n/a	n/a n/a	n/a n/a	Yes	Yes	Yes Yes	162	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
White-clawed (or Atlantic stream) crayfish (Austropotamobius pallipes) Brook lamprey (Lampetra planeri)		n/a n/a	n/a n/a	n/a n/a	n/a n/a	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
Atlantic salmon (Salmo salar) Bullhead (Cottus gobio) Otter (Lutra lutra)		n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	Yes Yes Yes	

anaa blaaki SU94a														
Licence block: SU81c														
Granting of licence proposed?	: Yes													
Conditions proposed for the lic	ence													
										e prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to n Appendix E). The sites in which Stage A activities are prohibited are: Singleton and				
Advice proposed with the licen	ice													
The following advice is given:														
						of a European	site is consid	dered to be of	f a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or				
of an SPA, or a Ramsar site designated for its bird	ernative siting may be required by authorities further considering HRA issues for specific project-level operations some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km in SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA use for specific project-level operations. The European sites potentially vulnerable in or near this block are Chichester and Langstone Harbour Ramsar, Chichester and Langstone Harbours SPA, Wealden Heaths Phase 2 SPA.													
European site with coastal habitats, is therefore co	es for specific project-level operations. The European sites potentially vulnerable in or near this block are Chichester and Langstone Harbour Ramsar, Chichester and Langstone Harbours SPA, Wealden Heaths Phase 2 SPA. In a state of the European sites potentially sensitive in or near this block are Chichester and Langstone Harbour Ramsar, Chichester and Langstone Harbours SPA, Wealden Heaths Phase 2 SPA. In a state of the European sites potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for considering the European sites potentially vulnerable in or near this block are Chichester and Langstone Harbour Ramsar, Solent Maritime SAC.													
at species usually rely on non-designated habitats beyond the European site boundaries (bats can commute and forage for many kilometres beyond their core habitat), and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SAC designated for its bat populations is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific object-level operations. The European sites potentially vulnerable in or near this block are Ebernoe Common SAC, Singleton and Cocking Tunnels SAC.														
Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site upporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project evel operations. The European sites with features potentially vulnerable to this in or near this block are Chichester and Langstone Harbour Ramsar, Chichester and Langstone Harbours SPA, Wealden Heaths Phase 2 SPA.														
Wore detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4														
- The location of the block and the relevant Europe														
The location of the block and the relevant Europe	an sites are illus	irated on the co	orresponding n	пар пт Аррепи	IIX E.									
Assessment of Effects on Relevant European Sites														
Designated Sites and Interest Features	Is Euro. site		Can Sta	ge A, B, C or	D activities	s be carried	out without	AEOI?		Notes				
(present within the Licence Block or within 10km)	within block?		tivity is within E	European site?	>	If ac	tivity is outsic	le European :	site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	d out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	activity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Chichester and Langstone Harbour Ramsar	No					•				This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Criterion 5 - regularly supports 20,000 or more waterbirds	•	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Chichester and Langstone Harbours SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Little tern (Sterna albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Common tern (Sterna hirundo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Sandwich tern (Sterna sandvicensis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Ruddy turnstone (Arenaria interpres)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern shoveler (Anas clypeata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Red-breasted merganser (Mergus serrator)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Light-bellied brent goose (Branta bernicla hrota)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern pintail (Anas acuta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Wealden Heaths Phase 2 SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
European nightjar (Caprimulgus europaeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Wood lark (Lullula arborea)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
, ,		n/a	n/a	n/a	n/a			Yes	Yes	(above) should be noted.
Dartford warbler (Sylvia undata)		II/a	II/a	II/a	II/a	Yes	Yes	165	165	
Ebernoe Common SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Atlantic acidophilous beech forests with llex and sometimes also Taxus in the shrublayer (Quercion robori- petraeae or Ilici-Fagenion)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Barbastelle (Barbastella barbastellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bechstein's bat (Myotis bechsteini)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
East Hampshire Hangers SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Asperulo-Fagetum beech forests		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Tilio-Acerion forests of slopes, screes and ravines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Taxus baccata woods of the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Early gentian (Gentianella anglica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
, ,										

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Kingley Vale SAC	Yes					<u>l</u>		<u> </u>	<u> </u>	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'ai or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
Taxus baccata woods of the British Isles		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Rook Clift SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Tilio-Acerion forests of slopes, screes and ravines		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Solent Maritime SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Sandbanks which are slightly covered by sea water all the time		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Estuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) strough be noted.
Mudflats and sandflats not covered by seawater at low tide		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Coastal lagoons		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Annual vegetation of drift lines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Perennial vegetation of stony banks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and sand		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Spartina swards (Spartinion maritimae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae))	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Desmoulin`s whorl snail (Vertigo moulinsiana)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Butser Hill SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Taxus baccata woods of the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?					es be carried				Notes
10km)				hin European site?		If activity is outside European site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Duncton to Bignor Escarpment SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Asperulo-Fagetum beech forests		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Singleton and Cocking Tunnels SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Barbastelle (Barbastella barbastellus)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Bechstein`s bat (Myotis bechsteini)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SU90a											
Granting of licence proposed?	· Yes										
Stanting of ficence proposed?	. 103										
Conditions proposed for the lic	cence										
No conditions proposed.											
Advice proposed with the licen	nce										
he following advice is given:											
The following device to give it.											
of an SPA, or a Ramsar site designated for its bird	ted with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km I populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA uropean sites potentially vulnerable in or near this block are Arun Valley Ramsar, Chichester and Langstone Harbour Ramsar, Pagham Harbour Ramsar, Chichester and Langstone Harbours SPA, Pagham Harbour										
European site with coastal habitats, is therefore co	erable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a possidered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for the potentially vulnerable in or near this block are Chichester and Langstone Harbour Ramsar, Solent Maritime SAC.										
he 10km of an SAC designated for its bat populat	ats beyond the European site boundaries (bats can commute and forage for many kilometres beyond their core habitat), and so could be vulnerable to activities occurring outside the designated site itself. Land within ions is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific ntially vulnerable in or near this block are Singleton and Cocking Tunnels SAC.										
supporting noise or vibration sensitive features is	me of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site porting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project loperations. The European sites with features potentially vulnerable to this in or near this block are Arun Valley Ramsar, Chichester and Langstone Harbour Ramsar, Pagham Harbour Ramsar, Chichester and Langstone Harbour SPA,										
More detailed information relating to designated	sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4										
The location of the block and the relevant Europe	ean sites are illustrated on the corresponding map in Appendix E.										
Assessment of Effects on											
Relevant European Sites											
Designated Sites and Interest Features	Is Euro. site Can Stage A, B, C or D activities be carried out without AEOI? Notes										
present within the Licence Block or within (0km)	within block? If activity is within European site? If activity is outside European site?										
VAIII)											
	Stage A Stage B Stage C Stage D Stage B Stage C Stage D										

Relevant European Sites Designated Sites and Interest Features	Is Euro. site	Τ	Can	Stago A P C	or D activiti	as ha carrias	out without	Notes		
	within block?									Notes
10km)		If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Arun Valley Ramsar	No	•	•			'	•		•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activ undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 3 - supports populations of plant/animal species mportant for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Chichester and Langstone Harbour Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D ac
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Criterion 6 - regularly supports 1% of the individuals in a coopulation of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Pagham Harbour Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activit
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sec (above) should be noted.
Chichester and Langstone Harbours SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activi
Little tern (Sterna albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Common tern (Sterna hirundo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Sandwich tern (Sterna sandvicensis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ruddy turnstone (Arenaria interpres)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern shoveler (Anas clypeata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Naterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Red-breasted merganser (Mergus serrator)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
_ight-bellied brent goose (Branta bernicla hrota)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern pintail (Anas acuta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European :	site?	lf a	ctivity is outsi	de European	site?	+
,		Stage A	Ctoro D	Stage C	Stage D	Stage A	Stage B	Ctono C	Stage D	-
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Pagham Harbour SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Common tern (Sterna hirundo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Little tern (Sterna albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Light-bellied brent goose (Branta bernicla hrota)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ruff (Philomachus pugnax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Arun Valley SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Tundra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Kingley Vale SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Semi-natural dry grasslands and scrubland facies on	NO	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
calcareous substrates (Festuco-Brometalia) (* important		II/a	II/a	II/a	II/a	103	165	163	165	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
orchid sites)										(above) should be noted.
Taxus baccata woods of the British Isles		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Solent Maritime SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Sandbanks which are slightly covered by sea water all	NO	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
the time		11/4	TI/A	TI/C	II/a	103	103	103	103	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Estuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Mudflats and sandflats not covered by seawater at low		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
tide										
Coastal lagoons		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Annual vegetation of drift lines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Perennial vegetation of stony banks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and sand		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Spartina swards (Spartinion maritimae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Shifting dunes along the shoreline with Ammophila		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
arenaria ("white dunes")										
Desmoulin's whorl snail (Vertigo moulinsiana)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Duncton to Bignor Escarpment SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Asperulo-Fagetum beech forests		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
										(above) should be noted.
Singleton and Cocking Tunnels SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Barbastelle (Barbastella barbastellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Bechstein`s bat (Myotis bechsteini)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without		Notes	
10km)		If a	activity is with	in European	site?	If a	ctivity is outsi	de European	site?	1
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Arun Valley SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Ramshorn snail (Anisus vorticulus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	res	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SY79a										
Granting of licence proposed	d?: Yes									
Conditions proposed for the	licence									
No conditions proposed.										
Advice proposed with the lic	ence									
The following advice is given:										
	ar site designat	ed for its bire	d population	ns, is therefor	re considered	to be of a p	otentially se	ensitive nature	e (due to its	rries, and so could be vulnerable to activities occurring outside the designated site proximity to the European site) such that mitigation and/or alternative siting may be orset Heathlands SPA.
	n sensitive feat	ures is consi	idered to be	of a potentia	ally sensitive	nature (due	to its proxim	nity to the Eur	opean site)	A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further hlands SPA.
- More detailed information relating to designa	ted sites taken i	into account	in this asse	essment can	be viewed by	accessing t	the following	link: http://jne	cc.defra.gov	v.uk/page-4
- The location of the block and the relevant Eu	ropean sites ar	e illustrated	on the corre	esponding ma	ap in Append	ix E.				
Assessment of Effects on										
Relevant European Sites Designated Sites and Interest Features	Is Euro. site		Can Sta	age A B C	or D activitie	e he carrie	d out with	ut AEOI2		Notes
(present within the Licence Block or within				in European			tivity is outsi	Notes		
within 10km)	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
			-						_	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can Sta	ige A, B, C o	or D activitie	es be carried	d out withou	Notes		
(present within the Licence Block or within 10km)	within block?	If activity is within European site?				If activity is outside European site?				
					,		Ť			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Dorset Heathlands Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dorset Heathlands SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Hen harrier (Circus cyaneus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Wood lark (Lullula arborea)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
European nightjar (Caprimulgus europaeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dartford warbler (Sylvia undata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dorset Heaths SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Molinia meadows on calcareous, peaty or clayey-silt-		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
laden soils (Molinion caeruleae) Depressions on peat substrates of the		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Rhynchosporion		11/4	TVG	11/4	11/4				100	
Calcareous fens with Cladium mariscus and species of the Caricion davallianae		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Alkaline fens		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Old acidophilous oak woods with Quercus robur on		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
sandy plains		- 1-	- /-	, la	./-	V	Man	Man	Van	
Southern damselfly (Coenagrion mercuriale)			n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)	***	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This is a faile the linear black and the black boundary Store A. D. C. and D.
· · · · · · · · · · · · · · · · · · ·	No		- /-	./-	./-	V	Man	Man	Van	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (*		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
important orchid sites) Marsh fritillary butterfly (Euphydryas (Eurodryas, Hypodryas) aurinia)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Holnest SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Great crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

License bleele OVOC										
Licence block: SY88d										
Granting of licence proposed?	: Yes									
Conditions proposed for the lic	cence									
										e prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to n Appendix E). The sites in which Stage A activities are prohibited are: Dorset Heathlands
Advice proposed with the licen	ice									
The following advice is given:										
- This block has European sites within it, or within alternative siting may be required by authorities fu						of a European	site is consid	ered to be of	a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA ssues for specific project-level operations. The European sites potentially vulnerable in or near this block are Poole Harbour Ramsar, Dorset Heathlands SPA, Poole Harbour SPA.										
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Poole Harbour Ramsar, Isle of Portland to Studland Cliffs SAC, Dorset Heaths (Purbeck and Wareham) and Studland Dunes SAC, Studland to Portland SAC.										
- Bat species usually rely on non-designated habitats beyond the European site boundaries (bats can commute and forage for many kilometres beyond their core habitat), and so could be vulnerable to activities occurring outside the designated site itself. Land within the 10km of an SAC designated for its bat populations is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are St Albans Head to Durlston Head SAC.										
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Poole Harbour Ramsar, Dorset Heathlands SPA, Poole Harbour SPA.										
- More detailed information relating to designated	sites taken into ad	ccount in this a	assessment ca	an be viewed	by accessing	the following	link: http://jnc	c.defra.gov.u	ık/page-4	
- The location of the block and the relevant Europe	ean sites are illust	trated on the co	orresponding	man in Anner	ndix F					
The location of the block and the following Europe	our office are much	indica on the or	oncoponding	пар пт пррсг	IGIX E.					
Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?							Notes	
		If activity is within European site?				If ac	tivity is outsid	e European s	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

Assessment of Effects on										
Relevant European Sites Designated Sites and Interest Features	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	d out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is withi	in European s	site?	If a	activity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	-
Dorset Heathlands Ramsar	Yes					1	1			This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	/	Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above).
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		Yes	No	No	No	Yes	Yes	Yes	Yes	
Poole Harbour Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (should be ne
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	/	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 5 - regularly supports 20,000 or more waterbirds	3	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dorset Heathlands SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities ' or near the surface', the following should be noted:
Wood lark (Lullula arborea)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
European nightjar (Caprimulgus europaeus)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Merlin (Falco columbarius)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Dartford warbler (Sylvia undata)		No	No	No	No	Yes	Yes	Yes	Yes	· ·
Poole Harbour SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Pied avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Mediterranean gull (Larus melanocephalus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common tern (Sterna hirundo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dorset Heaths SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Northern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities ' or near the surface', the following should be noted:
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in AEOI
Molinia meadows on calcareous, peaty or clayey-silt- laden soils (Molinion caeruleae)		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Depressions on peat substrates of the Rhynchosporion		Yes	No	No	No	Yes	Yes	Yes	Yes	incence section (above) silvala be inclea.
Calcareous fens with Cladium mariscus and species of the Caricion davallianae		Yes	No	No	No	Yes	Yes	Yes	Yes	
Alkaline fens		Yes	No	No	No	Yes	Yes	Yes	Yes	
Old acidophilous oak woods with Quercus robur on sandy plains		Yes	No	No	No	Yes	Yes	Yes	Yes	
Southern damselfly (Coenagrion mercuriale)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		Yes	No	No	No	Yes	Yes	Yes	Yes	

Assessment of Effects on Relevant European Sites										
·	Is Euro. site		Can S	Stage A, B, C	or D activiti	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with				ctivity is outsi		site?	
,		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Isle of Portland to Studland Cliffs SAC	Yes	l .			1	1	L	1	l .	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so
Annual vegetation of drift lines		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activitie
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AE
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Early gentian (Gentianella anglica)		Yes	No	No	No	Yes	Yes	Yes	Yes	
St Albans Head to Duriston Head SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activiti
Vegetated sea cliffs of the Atlantic and Baltic Coasts		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Greater horseshoe bat (Rhinolophus ferrumequinum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Early gentian (Gentianella anglica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dorset Heaths (Purbeck and Wareham) and Studland	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activiti
Dunes SAC		,	,	,		v		v		undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic decalcified fixed dunes (Calluno-Ulicetea)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Humid dune slacks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Temperate Atlantic wet heaths with Erica ciliaris and Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Molinia meadows on calcareous, peaty or clayey-silt- laden soils (Molinion caeruleae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Depressions on peat substrates of the Rhynchosporion		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Calcareous fens with Cladium mariscus and species of the Caricion davallianae		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Alkaline fens		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Old acidophilous oak woods with Quercus robur on sandy plains		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bog woodland		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Southern damselfly (Coenagrion mercuriale)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without A	AEOI?		Notes
10km)	Within block!	If a	ctivity is with	in European s	ite?	If ac	tivity is outsic	le European s	ite?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Studland to Portland SAC Reefs	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SY89b	10. Vac									
Granting of licence proposed	ir: Yes									
Conditions proposed for the	licence									
	fore also prohib									e surface will be prohibited in certain sites with potentially sensitive features. Stage in at least one of those sites (see map in Appendix E). The sites in which Stage A
Advice proposed with the lice	ence									
The following advice is given:										
- This block has European sites within it, or with mitigation and/or alternative siting may be requi								site is consid	dered to be	of a potentially sensitive nature (due to its proximity to the European site) such that
itself. Land within 10km of an SPA, or a Ramsa	ır site designate	ed for its bird	d populations	s, is therefore	e considered	to be of a p	otentially ser	nsitive nature	due to its	ries, and so could be vulnerable to activities occurring outside the designated site proximity to the European site) such that mitigation and/or alternative siting may be oole Harbour Ramsar, Dorset Heathlands SPA, Poole Harbour SPA.
also within 10km of a European site with coasta	al habitats, is the specific project-	nerefore cons level operati	sidered to be	of a potenti	ially sensitive	e nature (due	to its poten	tial connectiv	ity to a Eur	ated along the coastline (i.e. within 1km of the mean low water level), and which is opean site) such that mitigation and/or alternative siting may be required by r Ramsar, Isle of Portland to Studland Cliffs SAC, Dorset Heaths (Purbeck and
of a European site supporting noise or vibration	sensitive featu	ures is consi	dered to be	of a potentia	lly sensitive	nature (due f	to its proxim	ty to the Eur	opean site)	A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further pur Ramsar, Dorset Heathlands SPA, Poole Harbour SPA.
- More detailed information relating to designate	ed sites taken i	nto account	in this asses	sment can b	e viewed by	accessing the	ne following	link: http://jne	cc.defra.gov	.uk/page-4
- The location of the block and the relevant Eur	opean sites are	e illustrated o	on the corres	sponding ma	p in Append	ix E.				
Assessment of Effects on										
Relevant European Sites Designated Sites and Interest Features	Is Euro. site		Can Star	TA A R C O	r D activitio	s be carried	Lout withou	t AFOI?		Notes
(present within the Licence Block or	within	If and	tivity is withir					e European	site?	noice
within 10km)	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can Sta	ge A, B, C d	or D activitie	es be carrie	d out withou	it AEOI?		Notes
(present within the Licence Block or	within	If a	ctivity is with	in Furonean	site?	If ac	tivity is outsid	le Furonean	site?	
within 10km)	block?									
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Dorset Heathlands Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		Yes	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result
Criterion 1 - sites containing representative, rare or		Yes	No	No	No	Yes	Yes	Yes	Yes	in AEOI – see 'Conditions proposed for the licence' (above) for activities occurring outside the boundary of the European site, the 'Advice proposed with
unique wetland types Criterion 3 - supports populations of plant/animal		Yes	No	No	No	Yes	Yes	Yes	Yes	the licence' section (above) should be noted.
species important for maintaining regional biodiversity										
Poole Harbour Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco.		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
communities Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
waterbirds Criterion 5 - regularly supports 20,000 or more		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
waterbirds Criterion 1 - sites containing representative, rare or		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
unique wetland types										
Dorset Heathlands SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes	regard to activities 'at or near the surface', the following should be noted:
Wood lark (Lullula arborea)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to
European nightjar (Caprimulgus europaeus)		No	No	No	No	Yes	Yes	Yes	Yes	result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with
Merlin (Falco columbarius)		No	No	No	No	Yes	Yes	Yes	Yes	the licence' section (above) should be noted.
Dartford warbler (Sylvia undata)		No	No	No	No	Yes	Yes	Yes	Yes	
Poole Harbour SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Pied avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Mediterranean gull (Larus melanocephalus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common tern (Sterna hirundo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dorset Heaths SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth
Northern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result
Molinia meadows on calcareous, peaty or clayey-silt-	-	Yes	No	No	No	Yes	Yes	Yes	Yes	in AEOI – see 'Conditions proposed for the licence' (above).
laden soils (Molinion caeruleae) Depressions on peat substrates of the Rhynchosporion		Yes	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Calcareous fens with Cladium mariscus and species		Yes	No	No	No	Yes	Yes	Yes	Yes	
of the Caricion davallianae Alkaline fens		Yes	No	No	No	Yes	Yes	Yes	Yes	
Old acidophilous oak woods with Quercus robur on sandy plains		Yes	No	No	No	Yes	Yes	Yes	Yes	
Southern damselfly (Coenagrion mercuriale)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Isle of Portland to Studland Cliffs SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered
Annual vegetation of drift lines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Vegetated sea cliffs of the Atlantic and Baltic		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Coasts										

Assessment of Effects on											
Relevant European Sites Designated Sites and Interest Features	Is Euro. site		Can Sta	ge A, B, C d	or D activitie	es be carrie	d out withou	ıt AEOI?		Notes	
W	within block?	If ac	tivity is withi	<u> </u>			tivity is outsi	notes			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites) Early gentian (Gentianella anglica)			n/a n/a	n/a n/a	n/a n/a	Yes	Yes	Yes	Yes		
		II/a	11/4	11/4	11/4	163	163	163	163	The state of the s	
Dorset Heaths (Purbeck and Wareham) and Studland Dunes SAC Embryonic shifting dunes	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice	
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	proposed with the licence' section (above) should be noted.	
Atlantic decalcified fixed dunes (Calluno-Ulicetea)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Humid dune slacks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Temperate Atlantic wet heaths with Erica ciliaris and		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Erica tetralix European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Molinia meadows on calcareous, peaty or clayey-silt- laden soils (Molinion caeruleae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Depressions on peat substrates of the		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Rhynchosporion Calcareous fens with Cladium mariscus and species		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
of the Caricion davallianae Alkaline fens		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Old acidophilous oak woods with Quercus robur on		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
sandy plains Bog woodland		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Southern damselfly (Coenagrion mercuriale)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Great crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Studland to Portland SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D	
Reefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	

Licence block: SY97b										
Granting of licence proposed?	: Yes									
Conditions proposed for the lic	ence									
										e prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to n Appendix E). The sites in which Stage A activities are prohibited are: St Albans Head to
Advice proposed with the licen	ce									
The following advice is given:										
- This block has European sites within it, or within alternative siting may be required by authorities fur						of a European	site is consid	dered to be of	f a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
	populations, is th	nerefore consid	dered to be of	a potentially s	sensitive nati	ure (due to its	proximity to 1	the European	site) such th	ould be vulnerable to activities occurring outside the designated site itself. Land within 10km at mitigation and/or alternative siting may be required by authorities further considering HRA SPA.
European site with coastal habitats, is therefore co	onsidered to be of	f a potentially s	ensitive nature	e (due to its p	otential con	nectivity to a E	European site) such that m	itigation and/	coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a or alternative siting may be required by authorities further considering HRA issues for ths (Purbeck and Wareham) and Studland Dunes SAC, Studland to Portland SAC.
	ions is considere	d to be of a pot	tentially sensiti	tive nature (du	ue to its prox	imity to the Eu				so could be vulnerable to activities occurring outside the designated site itself. Land within ralternative siting may be required by authorities further considering HRA issues for specific
	considered to be	of a potentially	sensitive natu	ure (due to its	proximity to	the European	site) such th	at mitigation	and/or alterna	well as Stage B, C and D activities). Land within approximately 1km of a European site ative siting may be required by authorities further considering HRA issues for specific project
- More detailed information relating to designated	sites taken into a	ccount in this a	ssessment ca	an be viewed b	by accessing	g the following	link: http://jne	cc.defra.gov.u	uk/page-4	
- The location of the block and the relevant Europe				i= A		,				
The location of the block and the relevant Europe	an sites are illus	lialed on the co	orresponding i	шар ш Арреп	IUIX E.					
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can Sta	age A, B, C o	r D activitie	s be carried	out without A	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If act	tivity is within i	European site	e?	If ac	tivity is outsid	le European :	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	d out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	ctivity is withi	in European s	site?	If a	activity is outsi	de European :	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Dorset Heathlands Ramsar	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Poole Harbour Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	,	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dorset Heathlands SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Hen harrier (Circus cyaneus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Wood lark (Lullula arborea)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
European nightjar (Caprimulgus europaeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dartford warbler (Sylvia undata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Poole Harbour SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Pied avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Mediterranean gull (Larus melanocephalus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common tern (Sterna hirundo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dorset Heaths SAC	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence'
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	section (above) should be noted.
Molinia meadows on calcareous, peaty or clayey-silt- laden soils (Molinion caeruleae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Depressions on peat substrates of the Rhynchosporion		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Calcareous fens with Cladium mariscus and species of the Caricion davallianae		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Alkaline fens		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Old acidophilous oak woods with Quercus robur on sandy plains		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Southern damselfly (Coenagrion mercuriale)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on														
Relevant European Sites Designated Sites and Interest Features	Is Euro. site	ı	Can	Stage A. R. C	or D activiti	es he carried	l out without	AFOI?		Notes				
(present within the Licence Block or within	within block?	lf :	activity is with				activity is outsi		site?					
10km)		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					
		Ciago	Clage B	Olugo O	Clage B	Clugon	Olugo B	oluge o	Ciago B					
Isle of Portland to Studland Cliffs SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so effects do not register at surface) are not considered likely to result in AEOI. With regard to activitie				
Annual vegetation of drift lines		Yes	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted:				
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in A				
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.				
Early gentian (Gentianella anglica)		Yes	No	No	No	Yes	Yes	Yes	Yes					
St Albans Head to Duriston Head SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so				
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activiti				
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the				
Greater horseshoe bat (Rhinolophus ferrumequinum)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.				
Early gentian (Gentianella anglica)		Yes	No	No	No	Yes	Yes	Yes	Yes					
Dorset Heaths (Purbeck and Wareham) and Studland Dunes SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activ undertaken at depth (so that effects do not register at surface) are not considered likely to result in				
Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section				
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.				
Atlantic decalcified fixed dunes (Calluno-Ulicetea)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Humid dune slacks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Temperate Atlantic wet heaths with Erica ciliaris and Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Molinia meadows on calcareous, peaty or clayey-silt- laden soils (Molinion caeruleae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Depressions on peat substrates of the Rhynchosporion		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Calcareous fens with Cladium mariscus and species of he Caricion davallianae		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Alkaline fens		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Old acidophilous oak woods with Quercus robur on sandy plains		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Bog woodland		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Southern damselfly (Coenagrion mercuriale)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					
Great crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes					

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without A	AEOI?		Notes
10km)	Within block!	If a	ctivity is with	in European s	ite?	If ac	tivity is outsic	le European s	ite?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Studland to Portland SAC Reefs	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SY98c										
Granting of licence proposed	d?: Yes									
Conditions proposed for the	licence									
	fore also prohib									e surface will be prohibited in certain sites with potentially sensitive features. Stage in at least one of those sites (see map in Appendix E). The sites in which Stage A
Advice proposed with the lic	ence									
The following advice is given:										
- This block has European sites within it, or wit mitigation and/or alternative siting may be requ								site is consi	dered to be	of a potentially sensitive nature (due to its proximity to the European site) such that
itself. Land within 10km of an SPA, or a Ramsa	ar site designate	ed for its bird	populations	s, is therefore	e considered	to be of a p	otentially se	nsitive nature	e (due to its	ries, and so could be vulnerable to activities occurring outside the designated site proximity to the European site) such that mitigation and/or alternative siting may be oole Harbour Ramsar, Dorset Heathlands SPA, Poole Harbour SPA.
also within 10km of a European site with coast	al habitats, is the specific project-	nerefore cons level operati	sidered to be	of a potenti	ally sensitive	e nature (due	to its poten	tial connectiv	vity to a Eur	rated along the coastline (i.e. within 1km of the mean low water level), and which is opean site) such that mitigation and/or alternative siting may be required by r Ramsar, Isle of Portland to Studland Cliffs SAC, Dorset Heaths (Purbeck and
	signated for its	bat population	ns is consid	ered to be o	f a potentiall	y sensitive n	ature (due to	its proximity	y to the Euro	re habitat), and so could be vulnerable to activities occurring outside the designated opean site) such that mitigation and/or alternative siting may be required by ad to Durlston Head SAC.
of a European site supporting noise or vibration	n sensitive feat	ures is consi	dered to be	of a potentia	lly sensitive	nature (due	to its proxim	ity to the Eur	ropean site)	A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further our Ramsar, Dorset Heathlands SPA, Poole Harbour SPA.
- More detailed information relating to designat	ed sites taken i	nto account	in this asses	sment can b	e viewed by	accessing t	he following	link: http://jn	cc.defra.gov	v.uk/page-4
- The location of the block and the relevant Eu	ropean sites are	e illustrated o	on the corres	sponding ma	p in Append	ix E.				
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can Stag	ge A, B, C o	r D activitie	s be carried	out withou	it AEOI?		Notes
<u>u</u>	within block?	If act	ivity is within	European s	site?	If acti	ivity is outsid	le European	site?	
,		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

Designated Sites and Interest Features	Is Euro. site		Can Sta	age A, B, C	or D activitie	es be carrie	d out withou	ut AEOI?		Notes	
(present within the Licence Block or within 10km)	within block?	If ac	ctivity is with	in European	site?	If ac	tivity is outsi	de Europear	n site?		
The state of the s	Dioon:	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Dorset Heathlands Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at dep	
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		Yes	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result	
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	in AEOI – see 'Conditions proposed for the licence' (above) for activities occurring outside the boundary of the European site, the 'Advice proposed with	
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		Yes	No	No	No	Yes	Yes	Yes	Yes	the licence' section (above) should be noted.	
Poole Harbour Ramsar	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B,	
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Dorset Heathlands SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at dept	
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With	
Wood lark (Lullula arborea)		No	No	No	No	Yes	Yes	Yes	Yes	regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to	
European nightjar (Caprimulgus europaeus)		No	No	No	No	Yes	Yes	Yes	Yes	result in AEOI – see 'Conditions proposed for the licence' (above).	
Merlin (Falco columbarius)		No	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted. 	
Dartford warbler (Sylvia undata)		No	No	No	No	Yes	Yes	Yes	Yes	the house decisin (above) directed be noted.	
Poole Harbour SPA	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B,	
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advict	
Pied avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	proposed with the licence' section (above) should be noted.	
Mediterranean gull (Larus melanocephalus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Common tern (Sterna hirundo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Dorset Heaths SAC	Yes		NI.	NI.	NI.		V.	V.		This site is present within the licence block. Stage A, B, C and D activities undertaken at dept (so that effects do not register at surface) are not considered likely to result in AEOI. With	
Northern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	regard to activities 'at or near the surface', the following should be noted:	
European dry heaths		Yes	No No	No No	No	Yes	Yes	Yes	Yes	 Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). 	
Molinia meadows on calcareous, peaty or clayey-silt laden soils (Molinion caeruleae) Depressions on peat substrates of the		Yes Yes	No No	No No	No No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	
Rhynchosporion Calcareous fens with Cladium mariscus and species of the Caricion davallianae		Yes	No	No	No	Yes	Yes	Yes	Yes		
Alkaline fens		Yes	No	No	No	Yes	Yes	Yes	Yes		
Old acidophilous oak woods with Quercus robur on sandy plains		Yes	No	No	No	Yes	Yes	Yes	Yes		
Southern damselfly (Coenagrion mercuriale)		Yes	No	No	No	Yes	Yes	Yes	Yes		
Great crested newt (Triturus cristatus)		Yes	No	No	No	Yes	Yes	Yes	Yes	This site is outside the license block but less than 11m from the block bounders 01 and 0.	
Isle of Portland to Studland Cliffs SAC	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not	
A 1 1 . C 6 . 1 . C . P		nlo	1	- 1-	- 1-	\/	\/				
Annual vegetation of drift lines Vegetated sea cliffs of the Atlantic and Baltic		n/a n/a	n/a n/a	n/a n/a	n/a n/a	Yes Yes	Yes Yes	Yes Yes	Yes Yes	considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	

Assessment of Effects on										
Relevant European Sites										
3	Is Euro. site		Can Sta	ige A, B, C c	or D activitie	s be carrie	d out withou	ıt AEOI?		Notes
u · · · · · · · · · · · · · · · · · · ·	within block?	If ac	tivity is withi	in European	site?	If act	tivity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites) Early gentian (Gentianella anglica)					n/a n/a	Yes	Yes	Yes	Yes	
St Albans Head to Durlston Head SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Vegetated sea cliffs of the Atlantic and Baltic		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered
Coasts Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Greater horseshoe bat (Rhinolophus		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ferrumequinum) Early gentian (Gentianella anglica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth
Studland Dunes SAC Embryonic shifting dunes		Yes	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Shifting dunes along the shoreline with Ammophila				No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result
arenaria ("white dunes") Atlantic decalcified fixed dunes (Calluno-Ulicetea)		Yes	No	No	No	Yes	Yes	Yes	Yes	in AEOI – see 'Conditions proposed for the licence' (above) for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Humid dune slacks		Yes	No	No	No	Yes	Yes	Yes	Yes	
Oligotrophic waters containing very few minerals of		Yes	No	No	No	Yes	Yes	Yes	Yes	
sandy plains (Littorelletalia uniflorae) Northern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	
Temperate Atlantic wet heaths with Erica ciliaris and		Yes	No	No	No	Yes	Yes	Yes	Yes	
Erica tetralix European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	
Molinia meadows on calcareous, peaty or clayey-silt-				No	No	Yes	Yes	Yes	Yes	
laden soils (Molinion caeruleae) Depressions on peat substrates of the Rhynchosporion		Yes	No	No	No	Yes	Yes	Yes	Yes	
Calcareous fens with Cladium mariscus and species of the Caricion davallianae		Yes	No	No	No	Yes	Yes	Yes	Yes	
Alkaline fens				No	No	Yes	Yes	Yes	Yes	
Old acidophilous oak woods with Quercus robur on sandy plains Bog woodland				No No	No No	Yes	Yes	Yes	Yes	
Southern damselfly (Coenagrion mercuriale)				No	No	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Studiand to Portland SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Reefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SY99										
Granting of licence proposed?	: Yes									
Conditions proposed for the lic	cence									
	erlapping areas o									prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to Appendix E). The sites in which Stage A activities are prohibited are: Poole Harbour
Advice proposed with the licen	ice									
The following advice is given:										
This block has European sites within it, or within alternative siting may be required by authorities ful						of a European	site is consid	ered to be of	a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
	populations, is th	nerefore consid	dered to be of	f a potentially	sensitive nati	ure (due to its	proximity to t	he European	site) such th	uld be vulnerable to activities occurring outside the designated site itself. Land within 10km at mitigation and/or alternative siting may be required by authorities further considering HRA SPA.
European site with coastal habitats, is therefore co	onsidered to be of	f a potentially s	sensitive natu	re (due to its	potential coni	nectivity to a E	uropean site	such that mi	itigation and/	coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a or alternative siting may be required by authorities further considering HRA issues for ths (Purbeck and Wareham) and Studland Dunes SAC, Studland to Portland SAC.
	considered to be	of a potentially	sensitive nat	ture (due to its	s proximity to	the European	site) such tha	at mitigation a	and/or alterna	well as Stage B, C and D activities). Land within approximately 1km of a European site tive siting may be required by authorities further considering HRA issues for specific project
- More detailed information relating to designated	sites taken into ad	ccount in this a	assessment c	an be viewed	by accessing	g the following	link: http://jnc	c.defra.gov.u	k/page-4	
The location of the block and the relevant Europe	ean sites are illust	trated on the c	orresponding	map in Appe	ndix E.					
Assessment of Effects or										
Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can St	tage A, B, C o	or D activitie	s be carried	out without A	EOI?		Notes
(present within the Licence Block or within 10km)	within block?	If ac	ctivity is within	European sit	e?	If ac	tivity is outsid	e European s	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

Salaron 2 - Supposite viderable entangues of continuative some of the clase of the		Is Euro. site		Can	Stage A, B, C	or D activitie	es be carrie	d out without	AEOI?		Notes
Diletion 1 - Index containing representative representative process of the containing representative representative process of the containing representative	· ·	WITHIN DIOCK?	If a	activity is with	in European s	site?	lf .	activity is outsi	de European	site?	
Processing Agreement of the company of the compan			Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
or neither be sufficiently the Communition of Presidently and consideration and produced special control of the Communition of Section (active) ground to need the June 2014 and a produced special control of the Community and consideration and produced special control of the Community and control special control of the Community and control special control of the Community and C	Porset Heathlands Ramsar	Yes	<u> </u>	<u> </u>				l			This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
The continue of the propose of the control of the c			Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in AEC
Proceeds therefore Remeans Ves			Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Citation 6 - regularly supports 7% of the individuals in a copulation of measurements of measu			Yes	No	No	No	Yes	Yes	Yes	Yes	
reported for maintaining segonal backweeting) reported for maintaining segonal backweeting) reported from a maintaining segonal backweeting) reported from a maintaining segonal backweeting) reported from a maintaining segonal backweeting with a maintaining segonal backweeting with a maintaining segonal backweeting segonal segona	Poole Harbour Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
Ciliferion 2 - supports vulnerable, entangened species of the activation proposed for the iconnex (above). Linder of 1 - regularly supports \$10 cm believes to communicate the communication of the interval of the individuals in a communication of the interval of the individuals in a communication of the individual of the individuals in a communication of the individual of the indiv			Yes	No	No	No	Yes	Yes	Yes	Yes	
Citation 6 - regularly supports 1% of the individuals in a possibility of the production of the suppose of the sup			Yes	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the
This site is presentative, rare or unique wetland types This site is present within the licence block. Stage A, B, C and D activities undertaken at effects of not register at surface) are not considered likely to result in AEOL. With regard or near the surface, the following should be noted: This site is present within the licence block. Stage A, B, C and D activities undertaken at effects of not register at surface) are not considered likely to result in AEOL. With regard or near the surface, the following should be noted: This site is present within the licence block. Stage A, B, C and D activities undertaken at effects of not register at surface) are not considered likely to result in AEOL. With regard or near the surface, the following should be noted: This site is present within the licence block. Stage A, B, C and D activities within the European site, the 'Advice propose landow assemblage This site is present within the licence block. Stage A, B, C and D activities within the European site, the 'Advice propose landow assemblage This site is present within the licence block. Stage A, B, C and D activities undertaken at effects of not register at surface) are not considered likely to result in AEOL. With regard or near the surface, the following should be noted. This site is present within the licence block. Stage A, B, C and D activities undertaken at effects of not register at surface) are not considered likely to result in AEOL. With regard or near the surface, the following should be noted. This site is present within the licence block. Stage A, B, C and D activities undertaken at effects of not register at surface) are not considered likely to result in AEOL. With regard or near the surface, the following should be noted. This site is present within the licence block. Stage A, B, C and D activities undertaken at effects of not register at surface) are not considered likely to result in AEOL. With regard or near the surface, the following should be noted. This site is present within the licen	- · · · · · · · · · · · · · · · · · · ·		No	No	No	No	Yes	Yes	Yes	Yes	modific section (above) should be noted.
Propose Heathlands SPA Yes Into site is present within the licence block, Stage A, B, C and D activities undertaken at effects on or register at surface) are not considered likely to result in AEOI. With regard reaching the control of the contr	Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	
Hen harrier (Circus cyaneus) No			Yes	No	No	No	Yes	Yes	Yes	Yes	
In terms (Linux Systems) No N		Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the effects do not register at surface) are not considered likely to result in AEQL. With regard to activities
European nightjar (Caprimulgus europeaus) No											
- for activities occurring outside the boundary of the European site, the 'Advice propose incended standards and s	· · · · · · · · · · · · · · · · · · ·										- Stage A, B, C and D activities within the European site boundary are considered likely to result in
And the first field occumbants) No N											- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Poole Harbour SPA Yes Waterflowl assemblage No	· ·										licence' section (above) should be noted.
Materfowl assemblage No No No No No No Yes Yes Yes Yes Yes effects do not register at surface) are not considered likely to result in AEOI. With regan or near the surface, the following should be noted: Stage A, B, C and D activities within the European site boundary are considered likely to Mediterranean guil (Larus melanocephalus) No No No No No No Yes Yes Yes Yes Yes AEOI – see Conditions proposed for the licence (above). Common tern (Sterna hirundo) No No No No No No Yes	Dartford warbier (Sylvia undata)		No	No	No	No	Yes	Yes	Yes	Yes	
ried avocet (Recurvirostra avosetta) No No No No Yes Yes Yes Yes Yes Yes AEOI – see Conditions proposed for the licence' (above). This site is present within the licence block. Stage A, B, C and D activities within the European site, the 'Advice propose difference and years and present of the Rhynchosporion The presents of the Rhynchosporion Yes No No No No Yes	oole Harbour SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so t
Piled avocet (Recurvirostra avosetta) No	Vaterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activitie
Common term (Sterna hirundo) No	Pied avocet (Recurvirostra avosetta)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
Common term (Isterma nitrundo) No	Mediterranean gull (Larus melanocephalus)		No	No	No	No	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna) No	Common tern (Sterna hirundo)		No	No	No	No	Yes	Yes			
Oborset Heaths SAC Northern Attantic wet heaths with Erica tetralix Northern Attantic wet heaths with Erica tetralix Northern Attantic wet heaths with Erica tetralix Yes No No No No No Yes	Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	
Northern Atlantic wet heaths with Erica tetralix Yes No No No No Yes Yes Yes Yes Yes Yes Yes Ye	3lack-tailed godwit (Limosa limosa islandica)		No	No	No	No	Yes	Yes	Yes	Yes	
No No No Yes Yes Yes Yes Yes Yes Stage B, C and D activities within the European site, the 'Advice propose disense of the Rhynchosporion Yes No No No Yes	Dorset Heaths SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
European dry heaths Yes No No No Yes Yes Yes Yes Yes - Stage B, C and D activities within the European site boundary are considered likely to Adolinia meadows on calcareous, peaty or clayey-sitt-aden soils (Molinion caeruleae) No No No Yes Yes Yes Yes See 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice propose licence' section (above) should be noted. No No No Yes Yes Yes Yes Calcareous fens with Cladium mariscus and species of the Rhynchosporion No No No Yes Yes Yes Yes No No No Yes Yes Yes Yes Yes No No No Yes Yes Yes Yes Yes No No No Yes Yes Yes Yes Yes Yes No No No Yes	Northern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activitie
aden soils (Mollinion caeruleae) Jeperessions on peat substrates of the Rhynchosporion Yes No No No Yes Yes Yes Yes Yes Yes Yes Ye	European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in AE
Acticareous fens with Cladium mariscus and species of the Rhylichosponon Yes No No No Yes Yes Yes Yes Yes Acticareous fens with Cladium mariscus and species of the Caricino davallianae Ide Caricino davallianae Yes No No No Yes Yes Yes Yes Ide acidophilous oak woods with Quercus robur on Yes No No No Yes Yes Yes Yes And y plains	aden soils (Molinion caeruleae)										- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
ne Caricion davallianae Ikaline fens Yes No No No Yes Yes Yes Old acidophilous oak woods with Quercus robur on Yes No No No Yes Yes Yes Yes andy plains			Yes	No	No	No	Yes	Yes	Yes	Yes	ilicence Section (above) Stitutia de Hotea.
old acidophilous oak woods with Quercus robur on Yes No No No Yes Yes Yes Yes andy plains	ne Caricion davallianae										
andy plains											
	andy plains										
iouthern damselfly (Coenagrion mercuriale) Yes No No No Yes Yes Yes Freat crested newt (Triturus cristatus) Yes No No No Yes Yes Yes Yes	Southern damselfly (Coenagrion mercuriale)		Yes	No	No	No	Yes	Yes	Yes	Yes	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can S	tage A, B, C	or D activitie	es be carried	out without A	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	ctivity is withi	n European s	site?	If ac	tivity is outsic	le European	site?	-
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Isle of Portland to Studland Cliffs SAC	No								<u> </u>	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Annual vegetation of drift lines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Vegetated sea cliffs of the Atlantic and Baltic Coasts		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Early gentian (Gentianella anglica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dorset Heaths (Purbeck and Wareham) and Studland Dunes SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at
Embryonic shifting dunes		Yes	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI –
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage b, C and D activities within the Lordean state boundary are considered likely to result if ALOT—see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Atlantic decalcified fixed dunes (Calluno-Ulicetea)		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Humid dune slacks		Yes	No	No	No	Yes	Yes	Yes	Yes	
Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Northern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	
Temperate Atlantic wet heaths with Erica ciliaris and Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	
Molinia meadows on calcareous, peaty or clayey-silt- laden soils (Molinion caeruleae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Depressions on peat substrates of the Rhynchosporion		Yes	No	No	No	Yes	Yes	Yes	Yes	
Calcareous fens with Cladium mariscus and species of the Caricion davallianae		Yes	No	No	No	Yes	Yes	Yes	Yes	
Alkaline fens		Yes	No	No	No	Yes	Yes	Yes	Yes	
Old acidophilous oak woods with Quercus robur on sandy plains		Yes	No	No	No	Yes	Yes	Yes	Yes	
Bog woodland		Yes	No	No	No	Yes	Yes	Yes	Yes	
Southern damselfly (Coenagrion mercuriale)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Studland to Portland SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Reefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SZ07										
Granting of licence proposed?	: Yes									
-										
Conditions proposed for the lie	cence									
										e prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to n Appendix E). The sites in which Stage A activities are prohibited are: St Albans Head to
Advice proposed with the licer	ice									
The following advice is given:										
- This block has European sites within it, or within alternative siting may be required by authorities fu						of a Europear	n site is consi	dered to be of	a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
	populations, is the	herefore consi	dered to be	of a potentially	sensitive na	ture (due to its	proximity to	the European	site) such th	ould be vulnerable to activities occurring outside the designated site itself. Land within 10km lat mitigation and/or alternative siting may be required by authorities further considering HRA SPA.
European site with coastal habitats, is therefore co	onsidered to be o	f a potentially	sensitive nat	ure (due to its	potential cor	nectivity to a l	European site) such that m	itigation and/	e coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a for alternative siting may be required by authorities further considering HRA issues for atths (Purbeck and Wareham) and Studland Dunes SAC, Studland to Portland SAC.
	ions is considere	d to be of a po	tentially sens	sitive nature (due to its pro	ximity to the E				d so could be vulnerable to activities occurring outside the designated site itself. Land within or alternative siting may be required by authorities further considering HRA issues for specific
	considered to be	of a potentially	y sensitive na	ature (due to i	ts proximity to	the Europear	n site) such th	at mitigation	and/or alterna	well as Stage B, C and D activities). Land within approximately 1km of a European site ative siting may be required by authorities further considering HRA issues for specific project
- More detailed information relating to designated	sites taken into a	ccount in this	assessment	can be viewed	d by accessin	g the following	g link: http://jn	cc.defra.gov.u	ık/page-4	
-The location of the block and the relevant Europe	ean sites are illus	trated on the o	corresponding	g map in Appe	endix E.					
Assessment of Effects on										
Relevant European Sites Designated Sites and Interest Features	Is Euro. site	1	Can	Stago A B C	or D activiti	es be carried	out without	AEOI2		Notes
(present within the Licence Block or within	within block?								" 0	notes
10km)		If a	ctivity is withi	n European s		If ac	ctivity is outsid	de European s		
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

Relevant European Sites Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B. C	or D activiti	es be carried	out without	AEOI?		Notes
	within block?	If a		in European			ctivity is outsi		site?	
•		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Porset Heathlands Ramsar	No		l .							This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 2 - supports vulnerable, endangered, or critically indangered species or threatened eco. communities		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Poole Harbour Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 1 - sites containing representative, rare or inique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Porset Heathlands SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
len harrier (Circus cyaneus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Vood lark (Lullula arborea)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
European nightjar (Caprimulgus europaeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Partford warbler (Sylvia undata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Poole Harbour SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Vaterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Pied avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Mediterranean gull (Larus melanocephalus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common tern (Sterna hirundo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Porset Heaths SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
uropean dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Molinia meadows on calcareous, peaty or clayey-silt- aden soils (Molinion caeruleae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Depressions on peat substrates of the Rhynchosporion		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Calcareous fens with Cladium mariscus and species of the Caricion davallianae		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Alkaline fens		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Old acidophilous oak woods with Quercus robur on andy plains		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Southern damselfly (Coenagrion mercuriale)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	Within block?	If a	activity is withi	n European s	site?	If a	ctivity is outsic	le European s	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Isle of Portland to Studland Cliffs SAC	Yes			<u> </u>					l	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Annual vegetation of drift lines		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI –
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Early gentian (Gentianella anglica)		Yes	No	No	No	Yes	Yes	Yes	Yes	
St Albans Head to Duriston Head SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Greater horseshoe bat (Rhinolophus ferrumequinum)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Early gentian (Gentianella anglica)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Dorset Heaths (Purbeck and Wareham) and Studland Dunes SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Atlantic decalcified fixed dunes (Calluno-Ulicetea)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Humid dune slacks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Temperate Atlantic wet heaths with Erica ciliaris and Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Molinia meadows on calcareous, peaty or clayey-silt- laden soils (Molinion caeruleae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Depressions on peat substrates of the Rhynchosporion		n/a	n/a	n/a	n/a	Yes		Yes	Yes	
Calcareous fens with Cladium mariscus and species of the Caricion davallianae		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Alkaline fens		n/a	n/a	n/a	n/a	Yes			Yes	
Old acidophilous oak woods with Quercus robur on sandy plains		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bog woodland		n/a	n/a	n/a	n/a	Yes		Yes	Yes	
Southern damselfly (Coenagrion mercuriale)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on Relevant European Sites	Its Even atte		0.00	Y 4 B 0	Double Mark			45010		
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	If a	can s activity is withi	• , ,		es be carried		de European s		Notes
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Studland to Portland SAC Reefs	Yes	Yes	No	No	No	Yes	Yes	Yes	tes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SZ08c									
Granting of licence proposed?	Yes								
Crunting of nocinee proposed.	. 103								
Conditions proposed for the lic	ence								
	erlapping areas								e prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to n Appendix E). The sites in which Stage A activities are prohibited are: Poole Harbour
Advice proposed with the licen	ice								
The following advice is given:									
- This block has European sites within it, or within alternative siting may be required by authorities fur					of a Europea	n site is consi	dered to be of	a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
	populations, is the	nerefore consider	ered to be of a p	otentially sensitive na	ature (due to its	s proximity to	the European	site) such th	ould be vulnerable to activities occurring outside the designated site itself. Land within 10km at mitigation and/or alternative siting may be required by authorities further considering HRA SPA.
European site with coastal habitats, is therefore co	onsidered to be o	f a potentially ser	ensitive nature (d	due to its potential co	nnectivity to a	European site) such that m	itigation and/	coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a or alternative siting may be required by authorities further considering HRA issues for this (Purbeck and Wareham) and Studland Dunes SAC, Studland to Portland SAC.
, , ,	ions is considere	d to be of a poter	entially sensitive	nature (due to its pro	ximity to the E	,		,,	so could be vulnerable to activities occurring outside the designated site itself. Land within r alternative siting may be required by authorities further considering HRA issues for specific
	considered to be	of a potentially se	sensitive nature	(due to its proximity t	o the Europea	n site) such th	at mitigation	and/or alterna	well as Stage B, C and D activities). Land within approximately 1km of a European site ative siting may be required by authorities further considering HRA issues for specific project
- More detailed information relating to designated s	sites taken into a	ccount in this ass	sessment can b	e viewed by accessir	ng the following	g link: http://jn	cc.defra.gov.u	ık/page-4	
- The location of the block and the relevant Europe	ean sites are illus	trated on the con	rresponding ma	p in Appendix E.					
Assessment of Effects on Relevant European Sites									
Designated Sites and Interest Features	Is Euro. site		Can Stage	A, B, C or D activiti	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If activ	vity is within Eur			ctivity is outsid		site?	
		Stage A	Stage B St	tage C Stage D	Stage A	Stage B	Stage C	Stage D	

Assessment of Effects on										
Relevant European Sites Designated Sites and Interest Features	Is Euro. site	<u> </u>	Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	activity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Dorset Heathlands Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI –
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		Yes	No	No	No	Yes	Yes	Yes	Yes	
Poole Harbour Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	necroe section (above) should be noted.
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	
Dorset Heathlands SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Wood lark (Lullula arborea)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
European nightjar (Caprimulgus europaeus)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Merlin (Falco columbarius)		No	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Dartford warbler (Sylvia undata)		No	No	No	No	Yes	Yes	Yes	Yes	
Poole Harbour SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at
Pied avocet (Recurvirostra avosetta)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Mediterranean gull (Larus melanocephalus)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Common tern (Sterna hirundo)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	institute desirent (austra) sinada sa natad.
Black-tailed godwit (Limosa limosa islandica)		No	No	No	No	Yes	Yes	Yes	Yes	
Dorset Heaths SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Molinia meadows on calcareous, peaty or clayey-silt- laden soils (Molinion caeruleae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Depressions on peat substrates of the Rhynchosporion		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Calcareous fens with Cladium mariscus and species of the Caricion davallianae		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Alkaline fens		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Old acidophilous oak woods with Quercus robur on sandy plains		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Southern damselfly (Coenagrion mercuriale)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	d out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	activity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Isle of Portland to Studland Cliffs SAC	Yes	<u> </u>	•	<u> </u>	<u>'</u>	'	<u> </u>	•	•	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Annual vegetation of drift lines		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in AEOI -
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Early gentian (Gentianella anglica)		Yes	No	No	No	Yes	Yes	Yes	Yes	
St Albans Head to Duriston Head SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Vegetated sea cliffs of the Atlantic and Baltic Coasts		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Greater horseshoe bat (Rhinolophus ferrumequinum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Early gentian (Gentianella anglica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dorset Heaths (Purbeck and Wareham) and Studland Dunes SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a
Embryonic shifting dunes		Yes	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted:
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage B, C and D activities within the European site boundary are considered likely to result in AEOI-see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Atlantic decalcified fixed dunes (Calluno-Ulicetea)		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Humid dune slacks		Yes	No	No	No	Yes	Yes	Yes	Yes	
Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Northern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	
Temperate Atlantic wet heaths with Erica ciliaris and Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	
Molinia meadows on calcareous, peaty or clayey-silt- laden soils (Molinion caeruleae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Depressions on peat substrates of the Rhynchosporion		Yes	No	No	No	Yes	Yes	Yes	Yes	
Calcareous fens with Cladium mariscus and species of the Caricion davallianae		Yes	No	No	No	Yes	Yes	Yes	Yes	
Alkaline fens Old acidophilous oak woods with Quercus robur on sandy plains		Yes Yes	No No	No No	No No	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
Bog woodland		Yes	No	No	No	Yes	Yes	Yes	Yes	
Southern damselfly (Coenagrion mercuriale)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Studland to Portland SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SZ09a									
Granting of licence proposed?	: Yes								
Conditions proposed for the lie	cence								
	verlapping areas o								e prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to n Appendix E). The sites in which Stage A activities are prohibited are: Poole Harbour
Advice proposed with the licer	nce								
The following advice is given:									
- This block has European sites within it, or within alternative siting may be required by authorities fu					of a European	n site is conside	ered to be of	a potentially	sensitive nature (due to its proximity to the European site) such that mitigation and/or
of an SPA, or a Ramsar site designated for its bird	d populations, is th	erefore consider	red to be of a potentia	lly sensitive na	ture (due to its	proximity to the	ne European	site) such th	ould be vulnerable to activities occurring outside the designated site itself. Land within 10km at mitigation and/or alternative siting may be required by authorities further considering HRA s SPA, Poole Harbour SPA, New Forest SPA, Avon Valley SPA.
European site with coastal habitats, is therefore co	onsidered to be of	a potentially sen	nsitive nature (due to	ts potential cor	nectivity to a E	European site)	such that mi	tigation and/	coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a or alternative siting may be required by authorities further considering HRA issues for this (Purbeck and Wareham) and Studland Dunes SAC, Studland to Portland SAC.
	due to its potentia	I connectivity to	a European site) sucl						site, and which is also within 200 metres of a contributory watercourse to that site, is es further considering HRA issues for specific project-level operations. The European sites
supporting noise or vibration sensitive features is	considered to be	of a potentially se	ensitive nature (due to	its proximity to	the European	n site) such tha	it mitigation a	ınd/or alterna	well as Stage B, C and D activities). Land within approximately 1km of a European site ative siting may be required by authorities further considering HRA issues for specific project Poole Harbour SPA, New Forest SPA, Avon Valley SPA, River Avon SAC.
More detailed information relating to designated	sites taken into ac	count in this ass	sessment can be view	ed by accessin	g the following	g link: http://jnc	c.defra.gov.u	k/page-4	
The location of the block and the relevant Europe	ean sites are illust	rated on the corr	responding map in Ap	pendix E.					
Assessment of Effects on									
Relevant European Sites									
Designated Sites and Interest Features present within the Licence Block or within	Is Euro. site within block?		Can Stage A, B,	C or D activitie	es be carried	out without A	EOI?		Notes
10km)		If activi	rity is within European		If ac	ctivity is outside	European s	ite?	
		Stage A S	Stage B Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
	<u> </u>								

Assessment of Effects on												
Relevant European Sites												
•	Is Euro. site		Can	Stage A, B, C	or D activiti	es be carried	d out without	AEOI?		Notes		
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European :	site?	lf a	activity is outsi	de European	site?			
		06	1 04 D	, 1 04 0		O4 A	, 1 04 D		l 04 D	 		
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D			
Avon Valley Ramsar	No		•	•	•	•	•	•	•	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities		
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.		
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.		
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Dorset Heathlands Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that		
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).		
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.		
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		Yes	No	No	No	Yes	Yes	Yes	Yes			
Poole Harbour Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that		
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:		
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted. 		
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	ilicence section (above) should be noted.		
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes			
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes			
New Forest Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities		
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above), should be noted.		
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.		
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Dorset Heathlands SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that		
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:		
Wood lark (Lullula arborea)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in		
European nightjar (Caprimulgus europaeus)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).		
Merlin (Falco columbarius)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.		
Dartford warbler (Sylvia undata)		No	No	No	No	Yes	Yes	Yes	Yes	monice section (above) should be noted.		

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can S	Stage A, B, C	or D activiti	es be carried	d out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is withi	n European :	site?	If a	activity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Poole Harbour SPA	Yes			•	•		<u>'</u>	<u> </u>	•	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Pied avocet (Recurvirostra avosetta)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
Mediterranean gull (Larus melanocephalus)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Common tern (Sterna hirundo)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		No	No	No	No	Yes	Yes	Yes	Yes	
New Forest SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Wood warbler (Phylloscopus sibilatrix)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Eurasian hobby (Falco subbuteo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Hen harrier (Circus cyaneus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
European honey-buzzard (Pernis apivorus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
European nightjar (Caprimulgus europaeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dartford warbler (Sylvia undata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Wood lark (Lullula arborea)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Avon Valley SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Tundra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Gadwall (Anas strepera)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
The New Forest SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Oligotrophic to mesotrophic standing waters with vegetation of the Littorelletea uniflorae and/or of the Isoëto-Nanojuncetea		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Molinia meadows on calcareous, peaty or clayey-silt- laden soils (Molinion caeruleae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Depressions on peat substrates of the Rhynchosporion		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Alkaline fens		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic acidophilous beech forests with llex and sometimes also Taxus in the shrublayer (Quercion robori- petraeae or Ilici-Fagenion)	-	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Asperulo-Fagetum beech forests		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Old acidophilous oak woods with Quercus robur on sandy plains		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bog woodland		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Southern damselfly (Coenagrion mercuriale)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Stag beetle (Lucanus cervus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activiti	es be carrie	d out without	AEOI?		Notes
(Okm)	Within block:	If .	activity is with	nin European	site?	If	activity is outs	ide European	site?	1
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
River Avon SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D active
Vater courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion egetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sectio (above) should be noted.
Desmoulin`s whorl snail (Vertigo moulinsiana)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
rook lamprey (Lampetra planeri)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
tlantic salmon (Salmo salar)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ullhead (Cottus gobio)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Porset Heaths SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so
Northern Atlantic wet heaths with Erica tetralix		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activiti or near the surface', the following should be noted:
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in Af
Molinia meadows on calcareous, peaty or clayey-silt- aden soils (Molinion caeruleae)		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the
Depressions on peat substrates of the Rhynchosporion		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Calcareous fens with Cladium mariscus and species of the Caricion davallianae		Yes	No	No	No	Yes	Yes	Yes	Yes	
alkaline fens		Yes	No	No	No	Yes	Yes	Yes	Yes	
old acidophilous oak woods with Quercus robur on andy plains		Yes	No	No	No	Yes	Yes	Yes	Yes	
Southern damselfly (Coenagrion mercuriale)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		Yes	No	No	No	Yes	Yes	Yes	Yes	
sle of Portland to Studland Cliffs SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activ
nnual vegetation of drift lines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section.
egetated sea cliffs of the Atlantic and Baltic Coasts		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
semi-natural dry grasslands and scrubland facies on alcareous substrates (Festuco-Brometalia) (* important rchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Early gentian (Gentianella anglica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Porset Heaths (Purbeck and Wareham) and Studland Dunes SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activ undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
shifting dunes along the shoreline with Ammophila renaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Atlantic decalcified fixed dunes (Calluno-Ulicetea)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
lumid dune slacks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Digotrophic waters containing very few minerals of andy plains (Littorelletalia uniflorae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
lorthern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
emperate Atlantic wet heaths with Erica ciliaris and rica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
uropean dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
lolinia meadows on calcareous, peaty or clayey-silt- den soils (Molinion caeruleae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
epressions on peat substrates of the Rhynchosporion		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
alcareous fens with Cladium mariscus and species of ne Caricion davallianae		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Alkaline fens		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
old acidophilous oak woods with Quercus robur on andy plains		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
og woodland		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
outhern damselfly (Coenagrion mercuriale)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?				or D activitie				-14-2	Notes
10km)		"	activity is with	ırı European s	site?	II a	ctivity is outsi	ue ⊑uropean	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Studland to Portland SAC	No		<u>'</u>	•	<u>'</u>				<u>'</u>	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Reefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	tes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SZ38a

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Solent & Southampton Water Ramsar, Solent and Southampton Water SPA.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Solent & Southampton Water Ramsar, New Forest SPA, Solent and Southampton Water SPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Solent & Southampton Water Ramsar, Solent and Isle of Wight Lagoons SAC, Solent Maritime SAC, South Wight Maritime SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Solent & Southampton Water Ramsar, New Forest SPA, Solent and Southampton Water SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link; http://incc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on

Relevant European Sites

reservant European Once										
-	Is Euro. site within block?		Can	Stage A, B, C	Notes					
10km)		If a	activity is with	in European s	site?	If a	ctivity is outsi	ide European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Solent & Southampton Water Ramsar	Yes									This site is present within the licence block. Stage A, B, C
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likel or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site by
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above) - for activities occurring outside the boundary of the Europ
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	,	Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	

, C and D activities undertaken at depth (so that kely to result in AEOI. With regard to activities 'a

- te boundary are considered likely to result in
- ropean site, the 'Advice proposed with the

Relevant European Sites															
Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site		Can	Stage A, B, C	or D activiti	es be carried	d out without	AEOI?		Notes					
present within the Licence Block of Within 10km)	within block?	lf a	activity is with	in European :	site?	If a	activity is outsi	de European	site?	1					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D						
New Forest Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities					
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.					
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.					
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	,	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
New Forest SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities					
Wood warbler (Phylloscopus sibilatrix)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in					
Eurasian hobby (Falco subbuteo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.					
Hen harrier (Circus cyaneus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
European honey-buzzard (Pernis apivorus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
European nightjar (Caprimulgus europaeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Dartford warbler (Sylvia undata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Wood lark (Lullula arborea)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Solent and Southampton Water SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that					
Sandwich tern (Sterna sandvicensis)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities					
Ringed plover (Charadrius hiaticula)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in					
Black-tailed godwit (Limosa limosa islandica)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).					
Mediterranean gull (Larus melanocephalus)		No	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted. 					
Light-bellied brent goose (Branta bernicla hrota)		No	No	No	No	Yes	Yes	Yes	Yes	ilicence Section (above) snould be noted.					
Eurasian teal (Anas crecca)		No	No	No	No	Yes	Yes	Yes	Yes						
Little tern (Sterna albifrons)		No	No	No	No	Yes	Yes	Yes	Yes						
Common tern (Sterna hirundo)		No	No	No	No	Yes	Yes	Yes	Yes						
Roseate tern (Sterna dougallii)		No	No	No	No	Yes	Yes	Yes	Yes						
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes						
The New Forest SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities					
Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section					
Oligotrophic to mesotrophic standing waters with vegetation of the Littorelletea uniflorae and/or of the soëto-Nanojuncetea		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.					
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Molinia meadows on calcareous, peaty or clayey-silt- aden soils (Molinion caeruleae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Depressions on peat substrates of the Rhynchosporion		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Alkaline fens		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Atlantic acidophilous beech forests with Ilex and sometimes also Taxus in the shrublayer (Quercion robori- petraeae or Ilici-Fagenion)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Asperulo-Fagetum beech forests		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Old acidophilous oak woods with Quercus robur on sandy plains		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Bog woodland		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Southern damselfly (Coenagrion mercuriale)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Stag beetle (Lucanus cervus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Great crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is withi	in European s	site?	If a	ctivity is outsi	le European s	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Isle of Wight Downs SAC	Yes			<u> </u>			<u> </u>			This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	Stage B, C and D activities within the European site boundary are considered likely to result in AEOI –
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Early gentian (Gentianella anglica)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Solent and Isle of Wight Lagoons SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Coastal lagoons		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Solent Maritime SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Sandbanks which are slightly covered by sea water all	163	Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at
the time										or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI –
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above).
Mudflats and sandflats not covered by seawater at low tide		Yes	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Coastal lagoons		Yes	No	No	No	Yes	Yes	Yes	Yes	
Annual vegetation of drift lines		Yes	No	No	No	Yes	Yes	Yes	Yes	
Perennial vegetation of stony banks		Yes	No	No	No	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and sand		Yes	No	No	No	Yes	Yes	Yes	Yes	
Spartina swards (Spartinion maritimae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae	·)	Yes	No	No	No	Yes	Yes	Yes	Yes	
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	
Desmoulin`s whorl snail (Vertigo moulinsiana)		Yes	No	No	No	Yes	Yes	Yes	Yes	
South Wight Maritime SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in AEOI –
Submerged or partially submerged sea caves		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SZ47										
Granting of licence propose	d?: Yes									
Conditions proposed for the	licence									
Stage B, C and D activities will be prohibited	at or near to the	surface withi	n the bound	laries of all E	uropean site	e(s) in this bl	ock.			
Advice proposed with the lie	cence									
The following advice is given:										
- This block has European sites within it, or w mitigation and/or alternative siting may be req								site is consi	dered to be	of a potentially sensitive nature (due to its proximity to the European site) such that
itself. Land within 10km of an SPA, or a Rams	sar site designat	ed for its bird	l populations	s, is therefore	e considered	d to be of a p	otentially se	nsitive natur	e (due to its	aries, and so could be vulnerable to activities occurring outside the designated site proximity to the European site) such that mitigation and/or alternative siting may be solent & Southampton Water Ramsar, Solent and Southampton Water SPA.
also within 10km of a European site with coas	stal habitats, is t	nerefore cons	sidered to be	e of a potenti	ally sensitive	e nature (due	e to its poter	itial connecti	vity to a Eur	cated along the coastline (i.e. within 1km of the mean low water level), and which is opean site) such that mitigation and/or alternative siting may be required by hampton Water Ramsar, Solent Maritime SAC, South Wight Maritime SAC.
	esignated for its	bat populatio	ns is consid	lered to be o	f a potentiall	ly sensitive n	ature (due t	o its proximit	y to the Euro	re habitat), and so could be vulnerable to activities occurring outside the designated opean site) such that mitigation and/or alternative siting may be required by copses SAC.
of a European site supporting noise or vibration	on sensitive feat	ures is consid	dered to be	of a potentia	lly sensitive	nature (due	to its proxim	ity to the Eu	ropean site)	A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further uthampton Water Ramsar, Solent and Southampton Water SPA.
- More detailed information relating to designa	ated sites taken	into account i	in this asses	ssment can b	e viewed by	accessing t	he following	link: http://jr	cc.defra.gov	v.uk/page-4
- The location of the block and the relevant E	uropean sites ar	e illustrated o	on the corres	sponding ma	p in Append	lix E.				
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can Stag	ge A, B, C o	r D activitie	es be carried	out withou	it AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If act	ivity is withir	n European s	site?	If act	ivity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
							-			

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can Sta	ge A, B, C d	or D activitie	es be carrie	d out withou	it AEOI?		Notes
(present within the Licence Block or	within	If ac	ctivity is with	in Furonean	site?	If ac	tivity is outsid	de Furonean	n site?	
within 10km)	block?									
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
· · · · · · · · · · · · · · · · · · ·	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
waterbirds										with the licence' section (above) should be noted.
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Criterion 2 - supports vulnerable, endangered, or		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
critically endangered species or threatened eco. communities										
Criterion 5 - regularly supports 20,000 or more		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
waterbirds Solent and Southampton Water SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Sandwich tern (Sterna sandvicensis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	With the needlest (above) should be need.
Mediterranean gull (Larus melanocephalus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Light-bellied brent goose (Branta bernicla hrota)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Little tern (Sterna albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common tern (Sterna hirundo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Roseate tern (Sterna dougallii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Isle of Wight Downs SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered
Vegetated sea cliffs of the Atlantic and Baltic Coasts		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Semi-natural dry grasslands and scrubland facies		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
on calcareous substrates (Festuco-Brometalia) (* important orchid sites)										
Early gentian (Gentianella anglica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Solent Maritime SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Sandbanks which are slightly covered by sea water		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
all the time Estuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Mudflats and sandflats not covered by seawater at		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
low tide		-1-	-1-	-1-	-1-	Vaa	Vaa	V	V	
Coastal lagoons Annual vegetation of drift lines		n/a n/a	n/a n/a	n/a n/a	n/a n/a	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
Perennial vegetation of stony banks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
sand										
Spartina swards (Spartinion maritimae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Shifting dunes along the shoreline with Ammophila		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
arenaria ("white dunes") Desmoulin`s whorl snail (Vertigo moulinsiana)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
South Wight Maritime SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With
Vegetated sea cliffs of the Atlantic and Baltic		Yes	No	No	No	Yes	Yes	Yes	Yes	regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result
Coasts Submerged or partially submerged sea caves		Yes	No	No	No	Yes	Yes	Yes	Yes	in AEOI – see 'Conditions proposed for the licence' (above).
custification partially submerged sea caves		103	. 40	140	140	103	100	103	103	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
										(

Bechstein's bat (Myotis bechsteini) n/a n/a n/a Yes Yes Yes activities undertaken at depth (so that effects do not register at surface) are not consid likely to result in AEOI. With regard to activities at or near the surface, the 'Advice pro											Assessment of Effects on
(present within the Licence Block or within 10km) Within 10km) Within block? If activity is within European site? Stage A Stage B Stage C Stage D Stage A Stage B Stage C Stage D Briddlesford Copses SAC Bechstein's bat (Myotis bechsteini) No No No No No No No No No N											Relevant European Sites
### If activity is within European site? If activity is outside European site?	nout AEOI? Notes	?	it AEOI?	d out withou	es be carried	or D activitie	ge A, B, C o	Can Sta			
Briddlesford Copses SAC No Bechstein's bat (Myotis bechsteini) Na Na Na Na Na Na Na Na Na N	tside European site?	pean site?	de Europear	ivity is outsia	If acti	site?	n European :	ctivity is within	If ac		!
Bechstein's bat (Myotis bechsteini) n/a n/a n/a Yes Yes Yes activities undertaken at depth (so that effects do not register at surface) are not consid likely to result in AEOI. With regard to activities at or near the surface, the 'Advice pro	3 Stage C Stage D	C Stage D	Stage C	Stage B	Stage A	Stage D	Stage C	Stage B	Stage A		
likely to result in AEOI. With regard to activities at or near the surface, the 'Advice pro	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D									No	Briddlesford Copses SAC
with the licence section (above) should be noted.	Yes Yes activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	res	Yes	Yes	Yes	n/a	n/a	n/a	n/a		Bechstein`s bat (Myotis bechsteini)

Licence block: SZ48

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Solent & Southampton Water Ramsar, Solent and Southampton Water SPA.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Solent & Southampton Water Ramsar, New Forest SPA, Solent and Southampton Water SPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Solent & Southampton Water Ramsar, Solent and Isle of Wight Lagoons SAC, Solent Maritime SAC, South Wight Maritime SAC.
- Bat species usually rely on non-designated habitats beyond the European site boundaries (bats can commute and forage for many kilometres beyond their core habitat), and so could be vulnerable to activities occurring outside the designated site itself. Land within the 10km of an SAC designated for its bat populations is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Briddlesford Copses SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Solent & Southampton Water Ramsar, New Forest SPA, Solent and Southampton Water SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessm	ent of	Effe	cts on
Relevant	Furon	ean :	Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?	
10km)		If a	activity is with	in European s	site?	If a	ctivity is outsi	de European :	site?
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D
Solent & Southampton Water Ramsar	Yes								
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	′	Yes	No	No	No	Yes	Yes	Yes	Yes
Criterion 5 - regularly supports 20,000 or more waterbirds	3	No	No	No	No	Yes	Yes	Yes	Yes

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:

- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).

Notes

- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Relevant European Sites													
Designated Sites and Interest Features	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes			
		If activity is within European site?				If activity is outside European site?							
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D				
New Forest Ramsar No								This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities					
Criterion 1 - sites containing representative, rare or unique wetland types		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.			
Criterion 3 - supports populations of plant/animal species mportant for maintaining regional biodiversity		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	,	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
New Forest SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities			
Wood warbler (Phylloscopus sibilatrix)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.			
Eurasian hobby (Falco subbuteo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Hen harrier (Circus cyaneus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
European honey-buzzard (Pernis apivorus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
European nightjar (Caprimulgus europaeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Dartford warbler (Sylvia undata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Wood lark (Lullula arborea)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Solent and Southampton Water SPA	Yes							100		This site is present within the license block. Stage A. R. C and D activities undertaken at depth (so the			
Sandwich tern (Sterna sandvicensis)	163	No	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a			
		No	No	No		Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.			
Ringed plover (Charadrius hiaticula)					No			Yes	Yes				
Black-tailed godwit (Limosa limosa islandica)		No	No	No	No	Yes	Yes						
Mediterranean gull (Larus melanocephalus)		No	No	No	No	Yes	Yes	Yes	Yes				
Light-bellied brent goose (Branta bernicla hrota)		No	No	No	No	Yes	Yes	Yes	Yes				
Eurasian teal (Anas crecca)		No	No	No	No	Yes	Yes	Yes	Yes				
Little tern (Sterna albifrons)		No	No	No	No	Yes	Yes	Yes	Yes				
Common tern (Sterna hirundo)		No	No	No	No	Yes	Yes	Yes	Yes				
Roseate tern (Sterna dougallii)		No	No	No	No	Yes	Yes	Yes	Yes				
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes				
The New Forest SAC No										This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities			
Oligotrophic waters containing very few minerals of sandy plains (Littorelletalia uniflorae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.			
Oligotrophic to mesotrophic standing waters with vegetation of the Littorelletea uniflorae and/or of the soëto-Nanojuncetea		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Molinia meadows on calcareous, peaty or clayey-silt- aden soils (Molinion caeruleae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Transition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Depressions on peat substrates of the Rhynchosporion		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Alkaline fens		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Atlantic acidophilous beech forests with llex and sometimes also Taxus in the shrublayer (Quercion robori- petraeae or Ilici-Fagenion)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Asperulo-Fagetum beech forests		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Old acidophilous oak woods with Quercus robur on sandy plains		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Bog woodland		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Southern damselfly (Coenagrion mercuriale)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Stag beetle (Lucanus cervus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				
Great crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes				

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within	within block?	If a	activity is withi	in Furonean s	ite?	If a	ctivity is outsi	de Furonean	site?	
10km)										
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Isle of Wight Downs SAC	Yes			<u> </u>						This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	Stage B, C and D activities within the European site boundary are considered likely to result in AEOI –
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Early gentian (Gentianella anglica)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Solent and Isle of Wight Lagoons SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Coastal lagoons		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Solent Maritime SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at
Sandbanks which are slightly covered by sea water all the time		Yes	No	No	No	Yes	Yes	Yes	Yes	enects do not register at surface) are not considered likely to result in AEOI. With regard to activities all or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI —
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above).
Mudflats and sandflats not covered by seawater at low tide		Yes	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Coastal lagoons		Yes	No	No	No	Yes	Yes	Yes	Yes	
Annual vegetation of drift lines		Yes	No	No	No	Yes	Yes	Yes	Yes	
Perennial vegetation of stony banks		Yes	No	No	No	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and sand		Yes	No	No	No	Yes	Yes	Yes	Yes	
Spartina swards (Spartinion maritimae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	•	Yes	No	No	No	Yes	Yes	Yes	Yes	
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	
Desmoulin`s whorl snail (Vertigo moulinsiana)		Yes	No	No	No	Yes	Yes	Yes	Yes	
South Wight Maritime SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in AEOI –
Submerged or partially submerged sea caves		Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Briddlesford Copses SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Bechstein's bat (Myotis bechsteini)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SZ57							
Granting of licence proposed	d?: Yes						
Conditions proposed for the	licence						
Stage B, C and D activities will be prohibited at	t or near to the	surface within the bounda	aries of all European sit	e(s) in this block.			
Advice proposed with the lice	ence						
The following advice is given:							
- This block has European sites within it, or wit mitigation and/or alternative siting may be requ					site is considere	ed to be of a potentially sensitive n	nature (due to its proximity to the European site) such that
itself. Land within 10km of an SPA, or a Ramsa	ar site designat	ed for its bird populations	, is therefore considere	d to be of a potentially se	nsitive nature (du	ue to its proximity to the European	rerable to activities occurring outside the designated site is site) such that mitigation and/or alternative siting may be ter Ramsar, Solent and Southampton Water SPA.
also within 10km of a European site with coast	al habitats, is th	erefore considered to be	of a potentially sensitive	e nature (due to its poter	ntial connectivity t	to a European site) such that mitig	i.e. within 1km of the mean low water level), and which is gation and/or alternative siting may be required by Solent and Isle of Wight Lagoons SAC, Solent Maritime
	signated for its	oat populations is conside	ered to be of a potential	lly sensitive nature (due t	o its proximity to	the European site) such that mitig	e vulnerable to activities occurring outside the designated pation and/or alternative siting may be required by
	n sensitive feat	ires is considered to be o	of a potentially sensitive	nature (due to its proxin	ity to the Europea	an site) such that mitigation and/o	age B, C and D activities). Land within approximately 1km or alternative siting may be required by authorities further c, Solent and Southampton Water SPA.
- More detailed information relating to designat	ed sites taken i	nto account in this asses	sment can be viewed by	y accessing the following	link: http://jncc.de	lefra.gov.uk/page-4	
- The location of the block and the relevant Eu	ropean sites are	e illustrated on the corres	ponding map in Append	dix E.			
Assessment of Effects on							
Relevant European Sites							
	Is Euro. site within			es be carried out witho		Notes	
within 10km)	block?	If activity is within	·		de European site		
		Stage A Stage B	Stage C Stage D	Stage A Stage B	Stage C St	tage D	

Designated Sites and Interest Features	Is Euro. site		Can Sta	ge A, B, C	or D activitie	es be carrie	d out withou	t AEOI?		Notes		
(present within the Licence Block or within 10km)	within block?	If ac	ctivity is with	in European	site?	If ac	tivity is outsid	le European	site?			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D			
Solent & Southampton Water Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C an		
Criterion 6 - regularly supports 1% of the individuals		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considere		
n a population of one species/subspecies of										likely to result in AEOI. With regard to activities at or near the surface, the 'Advice propose with the licence' section (above) should be noted.		
vaterbirds Criterion 1 - sites containing representative, rare or		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	` '		
inique wetland types Criterion 2 - supports vulnerable, endangered, or		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
critically endangered species or threatened eco.		II/a	II/a	II/a	II/a	165	165	162	162			
communities		-1-	-1-	-/-	-1-	V	V	V	V			
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Solent and Southampton Water SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C at		
Sandwich tern (Sterna sandvicensis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposition of the control of the		
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.		
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Mediterranean gull (Larus melanocephalus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
ight-bellied brent goose (Branta bernicla hrota)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
ittle tern (Sterna albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Common tern (Sterna hirundo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Roseate tern (Sterna dougallii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Naterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
sle of Wight Downs SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at		
/egetated sea cliffs of the Atlantic and Baltic		Yes	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. Wit regard to activities 'at or near the surface', the following should be noted:		
Coasts European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to re		
Semi-natural dry grasslands and scrubland facies		Yes	No	No	No	Yes	Yes	Yes	Yes	in AEOI – see 'Conditions proposed for the licence' (above) for activities occurring outside the boundary of the European site, the 'Advice proposed		
on calcareous substrates (Festuco-Brometalia) (*										the licence' section (above) should be noted.		
mportant orchid sites) Early gentian (Gentianella anglica)		Yes	No	No	No	Yes	Yes	Yes	Yes			
Solent and Isle of Wight Lagoons SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C are		
Coastal lagoons		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered.		
										likely to result in AEOI. With regard to activities at or near the surface, the 'Advice propose with the licence' section (above) should be noted.		
										,		
Solent Maritime SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C at		
Sandbanks which are slightly covered by sea water		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not consider likely to result in AEOI. With regard to activities at or near the surface, the 'Advice propo		
all the time Estuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.		
Mudflats and sandflats not covered by seawater at		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
ow tide												
Coastal lagoons		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
annual vegetation of drift lines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Perennial vegetation of stony banks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Salicornia and other annuals colonizing mud and sand		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Spartina swards (Spartinion maritimae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Atlantic salt meadows (Glauco-Puccinellietalia		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
naritimae)		2/2	2/0	nlo	nlo	Vac	Vaa	Voc	Voc			
Shifting dunes along the shoreline with Ammophila		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			

Assessment of Effects on Relevant European Sites Designated Sites and Interest Features	Is Euro. site		Can Sta	ge A, B, C o	or D activitie	es be carrie	d out withou	ıt AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If ac	tivity is withi	n European	site?	If act	tivity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Desmoulin`s whorl snail (Vertigo moulinsiana)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
South Wight Maritime SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
Submerged or partially submerged sea caves		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Briddlesford Copses SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Bechstein`s bat (Myotis bechsteini)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Licence block: SZ58

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Solent & Southampton Water Ramsar, Solent and Southampton Water SPA, Briddlesford Copses SAC.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Portsmouth Harbour Ramsar, Solent & Southampton Water Ramsar, Portsmouth Harbour SPA, Solent and Southampton Water SPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Portsmouth Harbour Ramsar, Solent & Southampton Water Ramsar, Solent and Isle of Wight Lagoons SAC, Solent Maritime SAC, South Wight Maritime SAC.
- Bat species usually rely on non-designated habitats beyond the European site boundaries (bats can commute and forage for many kilometres beyond their core habitat), and so could be vulnerable to activities occurring outside the designated site itself. Land within the 10km of an SAC designated for its bat populations is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Briddlesford Copses SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Portsmouth Harbour Ramsar, Solent & Southampton Water Ramsar, Portsmouth Harbour SPA, Solent and Southampton Water SPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on

Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?														
10km)		If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?						
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D						
Portsmouth Harbour Ramsar	No														
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity	3	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes						

This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activitie undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Notes

Assessment of Effects on											
Relevant European Sites											
	Is Euro. site		Can S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes	
(present within the Licence Block or within 10km)	within block?	If a	ctivity is withi	n Furonean s	ite?	If a	ctivity is outsid	site?			
iokiii)		,, ,	ouvity to with	n Laropoun o		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ouvity to outor		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Solent & Southampton Water Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that	
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in	
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the	
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	,	Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.	
Criterion 5 - regularly supports 20,000 or more waterbirds	i	No	No	No	No	Yes	Yes	Yes	Yes		
Portsmouth Harbour SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in	
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
Red-breasted merganser (Mergus serrator)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(4-1-1-)	
Light-bellied brent goose (Branta bernicla hrota)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Solent and Southampton Water SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that	
Sandwich tern (Sterna sandvicensis)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at	
Ringed plover (Charadrius hiaticula)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in	
Black-tailed godwit (Limosa limosa islandica)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).	
Mediterranean gull (Larus melanocephalus)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	
Light-bellied brent goose (Branta bernicla hrota)		No	No	No	No	Yes	Yes	Yes	Yes	incline decident (above) should be noted.	
Eurasian teal (Anas crecca)		No	No	No	No	Yes	Yes	Yes	Yes		
Little tern (Sterna albifrons)		No	No	No	No	Yes	Yes	Yes	Yes		
Common tern (Sterna hirundo)		No	No	No	No	Yes	Yes	Yes	Yes		
Roseate tern (Sterna dougallii)		No	No	No	No	Yes	Yes	Yes	Yes		
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes		
Isle of Wight Downs SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities	
Vegetated sea cliffs of the Atlantic and Baltic Coasts		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section	
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.	
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Early gentian (Gentianella anglica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		

Is Euro. site		Can	Stage A, B, C	or D activiti	ies be carried	out without	AEOI?		Notes
within block?	If a	activity is with	in European	site?	If a	ctivity is outsi	de European	site?	1
	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	1
No			•		1		<u> </u>		This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
	Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
	Yes	No	No	No	Yes	Yes	Yes	Yes	 Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
	Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
	Yes	No	No	No	Yes	Yes	Yes	Yes	
	Yes	No	No	No	Yes	Yes	Yes	Yes	
	Yes	No	No	No	Yes	Yes	Yes	Yes	
	Yes	No	No	No	Yes	Yes	Yes	Yes	
	Yes	No	No	No	Yes	Yes	Yes	Yes	
)	Yes	No	No	No	Yes	Yes	Yes	Yes	
	Yes	No	No	No	Yes	Yes	Yes	Yes	
	Yes	No	No	No	Yes	Yes	Yes	Yes	
Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
	Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
	Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in AEOI -
	Yes	No	No	No	Yes	Yes	Yes	Yes	see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
	No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
	Within block? No Yes	within block? If it is stage A No n/a Yes Yes Yes Yes	Within block?	### Within block? If activity is within European		Within block? If activity is within European site?	### Within block? If activity is within European site?	If activity is within European site? If activity is outside European	### ### ### ### ### ### ### ### ### ##

Licence block: TA05										
Granting of licence proposed?	?: Yes									
Conditions proposed for the li	icence									
No conditions proposed.										
Advice proposed with the lice	nce									
The following advice is given:										
	irds species; fish; s considered to be es potentially vulne d sites taken into a	marine mamma of a potentially erable to this in account in this a	als) are poten or sensitive na or near this assessment of	ntially sensiti ature (due to block are Ho can be viewe	ive to noise or its proximity to ornsea Mere S ed by accessin	r vibration eff to the Europe SPA.	ean site) sucl	that mitigation	and/or alterna	s well as Stage B, C and D activities). Land within approximately 1km of a European site native siting may be required by authorities further considering HRA issues for specific project
Designated Sites and Interest Features	Is Euro, site		Can S	Stage A. B. C	C or D activiti	ies be carrie	d out witho	ut AEOI?		Notes
(present within the Licence Block or within	within block?	lf or		in European s				tside European	oito?	_
10km)		II ac		n European s			activity is ou	iside European		
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage E	Stage C	Stage D	
Hornsea Mere SPA	No	'		•		•		•		This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Gadwall (Anas strepera)			n/a	n/a	n/a	Yes	Yes	Yes	Yes	undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section
Mute swan (Cygnus olor)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.

icence block: TA06b														
Granting of licence proposed	d?: Yes													
Conditions proposed for the														
lo conditions proposed.														
Advice proposed with the lic	ence													
he following advice is given:														
self. Land within 10km of an SPA, or a Rams	ssociated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site msar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be IRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Flamborough Head and Bempton Cliffs SPA; Flamborough and Filey Coast pSPA.													
llso within 10km of a European site with coast	marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by urther considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Flamborough Head SAC.													
f a European site supporting noise or vibratio	n sensitive feat	ures is consi	idered to be	of a potentia	ally sensitive	nature (due	to its proxim	ity to the Eur	opean site)	A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further h Head and Bempton Cliffs SPA; Flamborough and Filey Coast pSPA.				
More detailed information relating to designa	ted sites taken	into account	in this asse	ssment can	be viewed b	y accessing t	the following	link: http://jn	ıcc.defra.gov	v.uk/page-4				
The location of the block and the relevant Eu	ropean sites ar	e illustrated	on the corre	sponding ma	ap in Append	dix E.								
Assessment of Effects on														
Relevant European Sites														
<u> </u>	Is Euro. site		Can Sta	age A, B, C	or D activitie	es be carried	d out withou	it AEOI?		Notes				
present within the Licence Block or vithin 10km)	within block?	If ac	tivity is withi	n European	site?	If act	ivity is outsi	de European	site?					
,		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					
lamborough Head and Bempton Cliffs SPA	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.				

Yes

This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered

likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed

with the licence' section (above) should be noted.

Flamborough Head SAC

Vegetated sea cliffs of the Atlantic and Baltic Coasts

Submerged or partially submerged sea caves

Reefs

No

n/a

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	If ac		n ge A, B, C o n European :	or D activitie site?		d out withou			Notes
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Flamborough and Filey Coast pSPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Black-legged kittiwake (Rissa tridactyla)		n/a	n/a	n/a	n/a	Yes	Yes	Yes		activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Gannet (Morus bassanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes		with the licence' section (above) should be noted.
Common guillemot (Uria aalge albionis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	` '
Razorbill (Alca torda islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Seabird assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

cence block: TA07a													
anting of licence proposed?: Yes													
Conditions proposed for the	licence												
No conditions proposed.													
Advice proposed with the lic	cence												
The following advice is given:													
In some instances, bird species that are ass	ociated with SP	As and some	e Ramsar site	es may rely	on non-desi	gnated habita	ats beyond t	the Europea	n site bounda	ries, and so could be vulnerable to activities occurring outside the designated site			
	•								,	proximity to the European site) such that mitigation and/or alternative siting may be lamborough Head and Bempton Cliffs SPA; Flamborough and Filey Coast pSPA.			
equired by authorities further considering fin	in issues for spe	cilic project	ievei opeiali	ons. The L	uropean site	s poteritially	vuirierable i	ii oi iieai tiii	is block are i	iamborough nead and bempton oims 3FA, hamborough and they odast p3FA.			
			•				-	•		ated along the coastline (i.e. within 1km of the mean low water level), and which is opean site) such that mitigation and/or alternative siting may be required by			
authorities further considering HRA issues for				•	•	,	•		•				
Some of European site interest features (e.g	a. birds species:	fish: marine	mammals) a	are potential	lv sensitive t	o noise or vit	oration effec	cts associate	ed with Stage	A activities (as well as Stage B, C and D activities). Land within approximately 1km			
of a European site supporting noise or vibration	on sensitive feat	tures is cons	idered to be	of a potentia	ally sensitive	nature (due	to its proxin	nity to the E	uropean site)	such that mitigation and/or alternative siting may be required by authorities further			
considering HHA issues for specific project-le	vei operations.	The Europea	ın sites with 1	reatures pot	entially vulne	erable to this	in or near ti	nis block are	e Flamboroug	h Head and Bempton Cliffs SPA; Flamborough and Filey Coast pSPA.			
More detailed information relating to designate	ated sites taken	into account	in this asses	ssment can	be viewed b	y accessing t	the following	g link: http://	jncc.defra.go	v.uk/page-4			
The location of the block and the relevant Eu	uropean sites ar	e illustrated	on the corres	sponding ma	ap in Append	dix E.							
Accomment of Effects on													
Assessment of Effects on													
Relevant European Sites													
Designated Sites and Interest Features	Is Euro. site		Can Sta	ge A, B, C o	or D activitie	es be carried	d out witho	ut AEOI?		Notes			
present within the Licence Block or	within	If ac	tivity is withir					ide Europea	n site?				
within 10km)	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D				
		Stage A	Stage D	Staye C	Slaye D	Stage A	Stage D	Stage C	Slaye D				
Flamborough Head and Bempton Cliffs SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered			
Black-legged kittiwake (Rissa tridactyla)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.			
										` '			

Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within		Can Sta	ge A, B, C d	or D activitie	s be carried	d out withou	t AEOI?		Notes
within 10km)	block?	If ac	ctivity is within	n European	site?	If act	ivity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Flamborough Head SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Reefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes		activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Vegetated sea cliffs of the Atlantic and Baltic Coasts		n/a	n/a	n/a	n/a	Yes	Yes	Yes		with the licence' section (above) should be noted.
Submerged or partially submerged sea caves		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Flamborough and Filey Coast pSPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Black-legged kittiwake (Rissa tridactyla)		n/a	n/a	n/a	n/a	Yes	Yes	Yes		activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Gannet (Morus bassanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	\/	with the licence' section (above) should be noted.
Common guillemot (Uria aalge albionis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Razorbill (Alca torda islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Seabird assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: TA08

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Flamborough and Filey Coast pSPA.

Advice proposed with the licence

The following advice is given:

- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Flamborough Head and Bempton Cliffs SPA, North York Moors SPA; Flamborough and Filey Coast pSPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Flamborough Head SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites with features potentially vulnerable to this in or near this block are Flamborough Head and Bempton Cliffs SPA, North York Moors SPA; Flamborough and Filey Coast pSPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?		Can Sta	age A, B, C	or D activitie	es be carrie	d out withou	Notes		
		If activity is within European site?				If act	tivity is outsi	de European	n site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Flamborough and Filey Coast pSPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at dep
Black-legged kittiwake (Rissa tridactyla)		No	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Gannet (Morus bassanus)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to
Common guillemot (Uria aalge albionis)		No	No	No	No	Yes	Yes	Yes	Yes	result in AEOI – see 'Conditions proposed for the licence' (above).
Razorbill (Alca torda islandica)		No	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed wit the licence' section (above) should be noted.
Seabird assemblage		No	No	No	No	Yes	Yes	Yes	Yes	the hoolies section (above) should be hoted.

Designated Sites and Interest Features	Is Euro. site		Can Sta	age A, B, C	or D activitie	s be carrie	d out withou	it AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If ac	ctivity is with	in European	site?	If ac	tivity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Flamborough Head and Bempton Cliffs SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Black-legged kittiwake (Rissa tridactyla)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
North York Moors SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	vith the licence' section (above) should be noted.
Flamborough Head SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Reefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Vegetated sea cliffs of the Atlantic and Baltic Coasts		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Submerged or partially submerged sea caves		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Beast Cliff – Whitby (Robin Hood`s Bay) SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Vegetated sea cliffs of the Atlantic and Baltic Coasts		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
North York Moors SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: TA09	
Granting of licence proposed?: Y	es

Conditions proposed for the licence

Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European site(s) in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are North York Moors SPA; Flamborough and Filey Coast pSPA.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites with features potentially vulnerable to this in or near this block are North York Moors SPA; Flamborough and Filey Coast pSPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?		Can Sta	<u> </u>	or D activities site?		d out withou			Notes
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
North York Moors SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Merlin (Falco columbarius)		n/a	n/a	n/a	n/a	Yes	Yes	Yes		activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
European golden plover (Pluvialis apricaria)	olden plover (Pluvialis apricaria)		n/a	n/a	n/a	Yes	Yes	Yes		with the licence' section (above) should be noted.

	I									
Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within		Can Sta	age A, B, C	or D activitie	es be carrie	d out withou	it AEOI?		Notes
within 10km)	block?	If ac	ctivity is withi	in European	site?	If ac	tivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Beast Cliff – Whitby (Robin Hood`s Bay) SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
North York Moors SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Blanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Flamborough and Filey Coast pSPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Black-legged kittiwake (Rissa tridactyla)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Gannet (Morus bassanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Common guillemot (Uria aalge albionis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Razorbill (Alca torda islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Seabird assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: TA15												
Granting of licence propose	d?: Yes											
Conditions proposed for the	licence											
No conditions proposed.												
A 1 '												
Advice proposed with the lic	cence											
The following advice is given:												
some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site if. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be uired by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Hornsea Mere SPA; Flamborough and Filey Coast pSPA.												
Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is so within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by thorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Flamborough Head SAC.												
of a European site supporting noise or vibrati	Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further nsidering HRA issues for specific project-level operations. The European sites with features potentially vulnerable to this in or near this block are Hornsea Mere SPA; Flamborough and Filey Coast pSPA.											
More detailed information relating to designation	ated sites taken	into accoun	it in this asse	essment car	n be viewed t	by accessing	the following	g link: http://j	ncc.defra.gov	v.uk/page-4		
The location of the block and the relevant E	uranaan sitas a	ro illustratod	on the corre	ocponding m	aan in Annan	div E						
The location of the block and the relevant L	uropean siles ai	ie iliustrateu	on the corre	ssponding in	тар іті Арреті	IUIX L.						
Assessment of Effects on												
Relevant European Sites												
nelevant European Sites												
Designated Sites and Interest Features	Is Euro. site		Can Sta	age A, B, C	or D activities	ies be carrie	d out witho	ut AEOI?		Notes		
(present within the Licence Block or within 10km)	icence Block or within block? If activity is within European site? If activity is outside European site?											
,		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D			
Hornsea Mere SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D		
Gadwall (Anas strepera)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed		
Mute swan (Cygnus olor)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.		

Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within		Can Sta	ge A, B, C	or D activitie	es be carried	d out withou	t AEOI?		Notes
within 10km)	block?	If ac	tivity is withii	n European	site?	If act	ivity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Flamborough Head SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Reefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered
Vegetated sea cliffs of the Atlantic and Baltic Coasts		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice propose with the licence' section (above) should be noted.
Submerged or partially submerged sea caves		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Flamborough and Filey Coast pSPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Black-legged kittiwake (Rissa tridactyla)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Gannet (Morus bassanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Common guillemot (Uria aalge albionis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Razorbill (Alca torda islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Seabird assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: TA16												
Granting of licence propose	d?: Yes											
Conditions proposed for the	onditions proposed for the licence											
Stage B, C and D activities will be prohibited a	at or near to the	surface with	nin the bound	daries of all I	European sit	e(s) in this bl	ock.					
Advice proposed with the lic	cence											
The following advice is given:												
In some instances, bird species that are ass tself. Land within 10km of an SPA, or a Rams equired by authorities further considering HR Coastal or marine habitat features could be also within 10km of a European site with coast authorities further considering HRA issues for Some of European site interest features (e.g. of a European site supporting noise or vibration	quired by authoricated with SP sar site designal that issues for special habitats, is to specific project guide species; on sensitive feat avel operations.	As and som ted for its bir ecific project by changes in herefore correlevel operatures is constituted in Europea into accounting the Europea i	e Ramsar si rd population clevel operat n coastal pronsidered to be tions. The E mammals) sidered to be an sites with t in this asset	HRA issues in the state of a potential are potential features potential essement can	on non-designer considered uropean site occur due to tially sensitive s potentially sensitive tentially vulne be viewed b	gnated habita d to be of a p s potentially a activities oc e nature (du vulnerable ir o noise or vii nature (due erable to this y accessing	ats beyond to the protection of the protection o	the Europear ensitive nature or near this g the coastlinatial connect block are F ts associate hity to the Europis block are	n site boundare (due to its block are Fine. Land loc ivity to a Eurlamborough d with Stage ropean site) Flamborough	A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further h Head and Bempton Cliffs SPA; Flamborough and Filey Coast pSPA.		
Assessment of Effects on Relevant European Sites												
Designated Sites and Interest Features present within the Licence Block or	Is Euro. site within		Can Sta	age A, B, C	or D activitie	es be carrie	d out withou	ıt AEOI?		Notes		
within 10km)	10km) block? If activity is within European site? If activity is outside European site?											
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D			
Flamborough Head and Bempton Cliffs SPA Black-legged kittiwake (Rissa tridactyla)	No	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.		

Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within		Can Sta	ige A, B, C	or D activitie	s be carried	d out withou	it AEOI?		Notes		
within 10km)	block?	If activity is within European site?					tivity is outsid	de European	site?			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D			
Flamborough Head SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth		
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With		
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes	regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to res		
Submerged or partially submerged sea caves		Yes	No	No	No	Yes	Yes	Yes	Yes	in AEOI – see 'Conditions proposed for the licence' (above) for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.		
Flamborough and Filey Coast pSPA	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C		
Black-legged kittiwake (Rissa tridactyla)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice		
Gannet (Morus bassanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	proposed with the licence' section (above) should be noted.		
Common guillemot (Uria aalge albionis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Razorbill (Alca torda islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Seabird assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			

Licence block: TA17 Granting of licence proposed?: Yes
Conditions proposed for the licence
Stage B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block. Stage A activities at or near to the surface will be prohibited in certain sites with potentially sensitive features. Stage A activities, at or near to the surface, are therefore also prohibited in any overlapping areas of two or more European sites, where such activities are prohibited in at least one of those sites (see map in Appendix E). The sites in which Stage A activities are prohibited are: Flamborough Head and Bempton Cliffs SPA; Flamborough and Filey Coast pSPA.
Advice proposed with the licence
The following advice is given:
- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Flamborough Head and Bempton Cliffs SPA; Flamborough and Filey Coast pSPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Flamborough Head SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites with features potentially vulnerable to this in or near this block are Flamborough Head and Bempton Cliffs SPA; Flamborough and Filey Coast pSPA.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Can Stage A, B, C or D activities be carried out without AEOI?

Stage A

Stage D

If activity is outside European site?

Stage C

Stage B

If activity is within European site?

Stage C

Stage B

Notes

Stage D

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features

(present within the Licence Block or

within 10km)

Is Euro. site

Stage A

within

block?

Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within		Can Sta	age A, B, C	or D activitie	s be carried	d out withou	t AEOI?		Notes
within 10km)	block?	If ac	If activity is within European site			If act	tivity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Flamborough Head and Bempton Cliffs SPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With
Black-legged kittiwake (Rissa tridactyla)		No	No	No	No	Yes	Yes	Yes	Yes	regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Flamborough Head SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Vegetated sea cliffs of the Atlantic and Baltic Coasts		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result
Submerged or partially submerged sea caves		Yes	No	No	No	Yes	Yes	Yes	Yes	in AEOI – see 'Conditions proposed for the licence' (above) for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Flamborough and Filey Coast pSPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth
Black-legged kittiwake (Rissa tridactyla)		No	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Gannet (Morus bassanus)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to
Common guillemot (Uria aalge albionis)		No	No	No	No	Yes	Yes	Yes	Yes	result in AEOI – see 'Conditions proposed for the licence' (above).
Razorbill (Alca torda islandica)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Seabird assemblage		No	No	No	No	Yes	Yes	Yes	Yes	(

Licence block: TA18									
Granting of licence propose	d?: Yes								
Conditions proposed for the	licence								
	ore also prohibite	ted in any overla							e surface will be prohibited in certain sites with potentially sensitive features. Stage A at least one of those sites (see map in Appendix E). The sites in which Stage A
Advice proposed with the lic	ence								
The following advice is given:									
itself. Land within 10km of an SPA, or a Ram	sar site designate	ited for its bird po	opulations, is therefo	fore considere	ed to be of a p	potentially se	ensitive natur	re (due to its	aries, and so could be vulnerable to activities occurring outside the designated site proximity to the European site) such that mitigation and/or alternative siting may be lamborough Head and Bempton Cliffs SPA, Flamborough and Filey Coast pSPA.
	stal habitats, is th	therefore conside	lered to be of a poter	entially sensitiv	ve nature (due	ue to its poter	ntial connecti	ivity to a Euro	cated along the coastline (i.e. within 1km of the mean low water level), and which is opean site) such that mitigation and/or alternative siting may be required by Head SAC.
of a European site supporting noise or vibration	on sensitive feat	tures is consider	red to be of a potent	ntially sensitive	e nature (due	to its proxim	nity to the Eur	ropean site)	A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further h Head and Bempton Cliffs SPA, Flamborough and Filey Coast pSPA.
- More detailed information relating to designa	ated sites taken	into account in	this assessment ca	n be viewed b	y accessing	the following	link: http://jr	ncc.defra.gov	v.uk/page-4
- The location of the block and the relevant E	uropean sites are	e illustrated on	the corresponding n	nap in Append	dix E.				
Assessment of Effects on									
Relevant European Sites									
Designated Sites and Interest Features	Is Euro. site		Can Stage A, B, C	or D activities	es be carrie	d out withou	ut AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If activi	ity is within Europear	n site?	If activity is outside European site?				
		Stage A S	Stage B Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Flamborough Head and Bempton Cliffs SPA	No								This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Black-legged kittiwake (Bissa tridactyla)		n/a n/s	n/a	n/a	Voc	Vec	Vec	Vac	activities undertaken at depth (so that effects do not register at surface) are not considered

with the licence' section (above) should be noted.

Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within		Can Sta	ge A, B, C	or D activitie	es be carried	d out withou		Notes	
within 10km)	block?	If ac	tivity is withii	n European	site?	If activity is outside European site?			site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Flamborough Head SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Reefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Vegetated sea cliffs of the Atlantic and Baltic Coasts		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Submerged or partially submerged sea caves		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Flamborough and Filey Coast pSPA	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth
Black-legged kittiwake (Rissa tridactyla)		No	No	No	No	Yes	Yes	Yes	Yes	(so that effects do not register at surface) are not considered likely to result in AEOI. Wit regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
Gannet (Morus bassanus)		No	No	No	No	Yes	Yes	Yes	Yes	
Common guillemot (Uria aalge albionis)		No	No	No	No	Yes	Yes	Yes	Yes	
Razorbill (Alca torda islandica)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Seabird assemblage		No	No	No	No	Yes	Yes	Yes	Yes	and notified desirent (about) chedia so noted.

Licence block: TA30

Granting of licence proposed?: Yes

Conditions proposed for the licence

Stage A, B, C and D activities will be prohibited at or near to the surface within the boundaries of all European sites in this block.

Advice proposed with the licence

The following advice is given:

- This block has European sites within it, or within 1km of the block boundary. In general, land within approximately 1km of a European site is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations.
- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Humber Estuary Ramsar, Humber Estuary SPA.
- Coastal or marine habitat features could be vulnerable to any changes in coastal processes that occur due to activities occurring along the coastline. Land located along the coastline (i.e. within 1km of the mean low water level), and which is also within 10km of a European site with coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Humber Estuary Ramsar, Humber Estuary SAC, Saltfleetby—Theddlethorpe Dunes and Gibraltar Point SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Humber Estuary Ramsar, Humber Estuary SPA, Humber Estuary SAC.
- More detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4
- The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E.

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within	Is Euro. site within block?		Can Stage A, B, C or D activities be carried out without AEOI?										
10km)		If a	If activity is within European site? If activity is outside European site?										
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D				
Humber Estuary Ramsar	Yes												
Criterion 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes				
Criterion 1 - sites containing representative, rare or unique wetland types		Yes	No	No	No	Yes	Yes	Yes	Yes				
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity		Yes	No	No	No	Yes	Yes	Yes	Yes				
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes				
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path		Yes	No	No	No	Yes	Yes	Yes	Yes				

This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'a or near the surface', the following should be noted:

- Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).

Notes

- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If a	activity is with	in European s	site?	If a	ctivity is outsi	de European	site?	-
TOKIN)			•							
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Humber Estuary SPA	Yes			<u> </u>			<u> </u>			This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Great bittern (Botaurus stellaris)		No	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted:
Great bittern (Botaurus stellaris)		No	No	No	No	Yes	Yes	Yes	Yes	- Stage A, B, C and D activities within the European site boundary are considered likely to result in
Greater scaup (Aythya marila)		No	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Mallard (Anas platyrhynchos)		No	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Grey plover (Pluvialis squatarola)		No	No	No	No	Yes	Yes	Yes	Yes	
Northern lapwing (Vanellus vanellus)		No	No	No	No	Yes	Yes	Yes	Yes	
Red knot (Calidris canutus)		No	No	No	No	Yes	Yes	Yes	Yes	
Red knot (Calidris canutus)		No	No	No	No	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		No	No	No	No	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		No	No	No	No	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		No	No	No	No	Yes	Yes	Yes	Yes	
Ruff (Philomachus pugnax)		No	No	No	No	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		No	No	No	No	Yes	Yes	Yes	Yes	
Waterfowl assemblage		No	No	No	No	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		No	No	No	No	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		No	No	No	No	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica)		No	No	No	No	Yes	Yes	Yes	Yes	
Whimbrel (Numenius phaeopus)		No	No	No	No	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata)		No	No	No	No	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		No	No	No	No	Yes	Yes	Yes	Yes	
Common greenshank (Tringa nebularia)		No	No	No	No	Yes	Yes	Yes	Yes	
Ruddy turnstone (Arenaria interpres)		No	No	No	No	Yes	Yes	Yes	Yes	
Little tern (Sterna albifrons)		No	No	No	No	Yes	Yes	Yes	Yes	
Light-bellied brent goose (Branta bernicla hrota)		No	No	No	No	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	
European golden plover (Pluvialis apricaria)		No	No	No	No	Yes	Yes	Yes	Yes	
Eurasian marsh harrier (Circus aeruginosus)		No	No	No	No	Yes	Yes	Yes	Yes	
Common goldeneye (Bucephala clangula)		No	No	No	No	Yes	Yes	Yes	Yes	
Eurasian oystercatcher (Haematopus ostralegus)		No	No	No	No	Yes	Yes	Yes	Yes	
Pied avocet (Recurvirostra avosetta)		No	No	No	No	Yes	Yes	Yes	Yes	
Eurasian wigeon (Anas penelope)		No	No	No	No	Yes	Yes	Yes	Yes	
Eurasian teal (Anas crecca)		No	No	No	No	Yes	Yes	Yes	Yes	
Common pochard (Aythya ferina)		No	No	No	No	Yes	Yes	Yes	Yes	
Pied avocet (Recurvirostra avosetta)		No	No	No	No	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		No	No	No	No	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		No	No	No	No	Yes	Yes	Yes	Yes	
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes	

	Is Euro. site within block?		Can	Stage A, B, C	or D activiti	es be carried	d out without	AEOI?		Notes
10km)	WILIIII DIOCK?	lf a	activity is with	nin European	site?	lf a	activity is outs	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Humber Estuary SAC	Yes	•		•	•	•	•		•	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
Sandbanks which are slightly covered by sea water all he time		Yes	No	No	No	Yes	Yes	Yes	Yes	effects do not register at surface) are not considered likely to result in AEOI. With regard to activities or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
Mudflats and sandflats not covered by seawater at low ide		Yes	No	No	No	Yes	Yes	Yes	Yes	- for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Coastal lagoons		Yes	No	No	No	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and sand		Yes	No	No	No	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		Yes	No	No	No	Yes	Yes	Yes	Yes	
Embryonic shifting dunes		Yes	No	No	No	Yes	Yes	Yes	Yes	
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	
Fixed coastal dunes with herbaceous vegetation ("grey dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	
Dunes with Hippopha rhamnoides		Yes	No	No	No	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		No	No	No	No	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		No	No	No	No	Yes	Yes	Yes	Yes	
Grey seal (Halichoerus grypus)		No	No	No	No	Yes	Yes	Yes	Yes	
Saltfleetby–Theddlethorpe Dunes and Gibraltar Point SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in
Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) snould be noted.
Fixed coastal dunes with herbaceous vegetation ("grey dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunes with Hippopha rhamnoides		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Humid dune slacks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: TF06										
Granting of Licence Proposed?: Y	es									
Condtions proposed for the										
Advice proposed for the licence										
Assessment of Effects on Relevan	t Europ	ean Sit	es							
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site		Can Stag	e A, B, C o	r D activiti	es be carrie	ed out with	out AEOI?	,	Notes
I I I I I I I I I I I I I I I I I I I	within	If act	tivity is with	in Europea	n site?	If acti	vity is outsid	de Europea	an site?	
	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
						none				

Licence block: TF07e				
Granting of Licence Proposed?: You	es			
Condtions proposed for the				
Advice proposed for the licence				
Assessment of Effects on Relevan	t Europ	ean Sites		
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site	Can Stage A, B, C or D activitie	es be carried out without AEOI?	Notes
Within the Licence Block of Within Tokiny	within	If activity is within European site?	If activity is outside European site?	
	block?	Stage A Stage B Stage C Stage D	Stage A Stage B Stage C Stage D	
		-	none	-

Licence block: TF07f				
Granting of Licence Proposed?: You	es			
Condtions proposed for the				
Advice proposed for the licence				
Assessment of Effects on Relevan	t Europ	ean Sites		
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site	Can Stage A, B, C or D activitie	es be carried out without AEOI?	Notes
Within the Licence Block of Within Tokiny	within	If activity is within European site?	If activity is outside European site?	
	block?	Stage A Stage B Stage C Stage D	Stage A Stage B Stage C Stage D	
		-	none	-

Licence block: TF17				
Granting of Licence Proposed?: You	es			
Condtions proposed for the				
Advice proposed for the licence				
Assessment of Effects on Relevan	t Europ	ean Sites		
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site	Can Stage A, B, C or D activitie	es be carried out without AEOI?	Notes
Within the Licence Block of Within Tokiny	within	If activity is within European site?	If activity is outside European site?	
	block?	Stage A Stage B Stage C Stage D	Stage A Stage B Stage C Stage D	
			none	

Licence block: TF18b							
Granting of Licence Proposed?: Ye	es						
Condtions proposed for the							
Advice proposed for the licence							
Assessment of Effects on Relevan	t Europ	ean Sites					
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site	Can Stage A	A, B, C or D activitie	es be carried ou	ıt without AE	OI?	Notes
within the Licence Block of Within Tokiny	within	If activity is within I	European site?	If activity is	s outside Euro	pean site?	
	block?	Stage A Stage B S	Stage C Stage D	Stage A Stage	ge B Stage	C Stage D	
				none			-

Licence block: TF36										
Granting of Licence Proposed?: Y	es									
Condtions proposed for the										
Advice proposed for the licence										
Assessment of Effects on Relevan	t Europ	ean Sit	es							
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site		Can Stag	e A, B, C o	r D activitie	es be carri	ed out with	out AEOI?		Notes
	within	If act	ivity is with	in Europeai	n site?	If acti	vity is outsi	de Europea	n site?	
	block?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
						none				

Licence block: TF38c							
Granting of licence propose	d?: Yes						
Conditions proposed for the	licence						
No conditions proposed.							
Advice proposed with the lic	ence						
The following advice is given:							
itself. Land within 10km of an SPA, or a Rams	sar site designat	ed for its bird populations	s, is therefore considere	d to be of a potentially se	ensitive nature (due to it	daries, and so could be vulnerable to activities occurring outside the designated site s proximity to the European site) such that mitigation and/or alternative siting may be Humber Estuary Ramsar, Humber Estuary SPA.	
also within 10km of a European site with coas	tal habitats, is tl	nerefore considered to be	e of a potentially sensitive	e nature (due to its pote	ntial connectivity to a E	ocated along the coastline (i.e. within 1km of the mean low water level), and which is uropean site) such that mitigation and/or alternative siting may be required by uary Ramsar, Humber Estuary SAC, Saltfleetby–Theddlethorpe Dunes and Gibraltar	
of a European site supporting noise or vibration	on sensitive feat	ures is considered to be	of a potentially sensitive	nature (due to its proxin	nity to the European site	e A activities (as well as Stage B, C and D activities). Land within approximately 1km e) such that mitigation and/or alternative siting may be required by authorities further stuary Ramsar, Humber Estuary SPA, Humber Estuary SAC.	
- More detailed information relating to designa	ted sites taken	nto account in this asses	sment can be viewed by	y accessing the following	link: http://jncc.defra.g	ov.uk/page-4	
- The location of the block and the relevant Eu	uropean sites ar	e illustrated on the corres	sponding map in Append	dix E.			
Assessment of Effects on Relevant European Sites							
Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within	Can Stag	ge A, B, C or D activitie	es be carried out witho	ut AEOI?	Notes	
within 10km)	block?	If activity is within			ide European site?		
		Stage A Stage B	Stage C Stage D	Stage A Stage B	Stage C Stage D		

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site			200 A R 1 '	or D activitiv	se he carrio	d out witho	IT AFOI2		Notes
within 10km)	within	.,		<u> </u>	or D activitie				7.0	Notes
	block?			in European			tivity is outsi			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Humber Estuary Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and activities undertaken at depth (so that effects do not register at surface) are not considered
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Criterion 1 - sites containing representative, rare or		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
unique wetland types Criterion 3 - supports populations of plant/animal		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
species important for maintaining regional										
biodiversitv Criterion 6 - regularly supports 1% of the individuals		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
in a population of one species/subspecies of										
waterbirds Criterion 8 - important source of food for fishes,		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
spawning ground, nursery and/or migration path	Ma									This site is extended the lineage block around him form the block beyond any Change A. D. C. and I.
Humber Estuary SPA	No	2/0	2/0	2/0	n/o	Voc	Vaa	Voc	Vaa	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and I activities undertaken at depth (so that effects do not register at surface) are not considered
Great bittern (Botaurus stellaris) Great bittern (Botaurus stellaris)		n/a n/a	n/a n/a	n/a n/a	n/a n/a	Yes Yes	Yes Yes	Yes Yes	Yes Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Greater scaup (Aythya marila)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Mallard (Anas platyrhynchos)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern lapwing (Vanellus vanellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Red knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Red knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ruff (Philomachus pugnax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Whimbrel (Numenius phaeopus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata) Common redshank (Tringa totanus)		n/a	n/a n/a	n/a	n/a n/a	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
, , , , , , , , , , , , , , , , , , ,		n/a	n/a	n/a n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus) Common greenshank (Tringa nebularia)		n/a n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ruddy turnstone (Arenaria interpres)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Little tern (Sterna albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Light-bellied brent goose (Branta bernicla hrota)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian marsh harrier (Circus aeruginosus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common goldeneye (Bucephala clangula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian oystercatcher (Haematopus ostralegus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Pied avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common pochard (Aythya ferina)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes
		If activity is within European site?				If activity is outside European site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Pied avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Hen harrier (Circus cyaneus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Humber Estuary SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Sandbanks which are slightly covered by sea water		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
all the time Estuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Mudflats and sandflats not covered by seawater at		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
low tide			,	,	,	.,	.,	.,	.,	
Coastal lagoons		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and sand		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
maritimae) Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Shifting dunes along the shoreline with Ammophila		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
arenaria ("white dunes")		-1-	- 1-			V		V	V	
Fixed coastal dunes with herbaceous vegetation ("grey dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunes with Hippopha•rhamnoides		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey seal (Halichoerus grypus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Saltfleetby–Theddlethorpe Dunes and Gibraltar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Point SAC Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Shifting dunes along the shoreline with Ammophila		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
arenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunes with Hippopha•rhamnoides		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Humid dune slacks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: TF39b										
Granting of licence propose	d?: Yes									
Conditions proposed for the	licence									
No conditions proposed.										
Advice proposed with the lie	cence									
The following advice is given:										
- This block has European sites within it, or w mitigation and/or alternative siting may be req								site is consi	dered to be	of a potentially sensitive nature (due to its proximity to the European site) such that
itself. Land within 10km of an SPA, or a Rams	sar site designat	ed for its bird	d populations	s, is therefore	e considered	d to be of a p	otentially se	nsitive natur	e (due to its	ries, and so could be vulnerable to activities occurring outside the designated site proximity to the European site) such that mitigation and/or alternative siting may be umber Estuary Ramsar, Humber Estuary SPA.
also within 10km of a European site with coas	stal habitats, is t	nerefore cons	sidered to be	e of a potenti	ially sensitive	e nature (due	e to its poter	itial connecti	vity to a Eur	ated along the coastline (i.e. within 1km of the mean low water level), and which is opean site) such that mitigation and/or alternative siting may be required by any Ramsar, Humber Estuary SAC, Saltfleetby–Theddlethorpe Dunes and Gibraltar
of a European site supporting noise or vibration	on sensitive feat	ures is consi	dered to be	of a potentia	lly sensitive	nature (due	to its proxim	ity to the Eu	ropean site)	A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further uary Ramsar, Humber Estuary SPA, Humber Estuary SAC.
- More detailed information relating to designa	ated sites taken	into account	in this asses	ssment can b	e viewed by	accessing t	he following	link: http://jn	cc.defra.gov	r.uk/page-4
- The location of the block and the relevant E	uropean sites ar	e illustrated o	on the corres	sponding ma	p in Append	lix E.				
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within		Can Sta	ge A, B, C o	r D activitie	es be carried	out withou	it AEOI?		Notes
within 10km)	block?	If act	tivity is withii	n European s	site?	If act	ivity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
	•									

Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can Sta	age A, B, C	or D activitie	es be carrie	d out witho	ut AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If ac	ctivity is with	in European	site?	If act	tivity is outsi	de Europear	n site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Humber Estuary Ramsar	No	•	**	**	•	•			**	This site is outside the licence block, but less than 1km from the block boundary. Stage A, B,
Criterion 5 - regularly supports 20,000 or more		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice
waterbirds Criterion 1 - sites containing representative, rare or		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	proposed with the licence' section (above) should be noted.
unique wetland types										
Criterion 3 - supports populations of plant/animal species important for maintaining regional		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
biodiversity										
Criterion 6 - regularly supports 1% of the individuals		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
in a population of one species/subspecies of waterbirds										
Criterion 8 - important source of food for fishes,		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
spawning ground, nursery and/or migration path Humber Estuary SPA	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B,
Great bittern (Botaurus stellaris)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	C and D activities undertaken at depth (so that effects do not register at surface) are not
Great bittern (Botaurus stellaris)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Greater scaup (Aythya marila)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	proposed with the licence section (above) should be noted.
Mallard (Anas platyrhynchos)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern lapwing (Vanellus vanellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Red knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Red knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ruff (Philomachus pugnax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Whimbrel (Numenius phaeopus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common greenshank (Tringa nebularia)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ruddy turnstone (Arenaria interpres)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Little tern (Sterna albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Light-bellied brent goose (Branta bernicla hrota)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian marsh harrier (Circus aeruginosus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common goldeneye (Bucephala clangula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian oystercatcher (Haematopus ostralegus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Pied avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common pochard (Aythya ferina)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
z z z z z z z z z z z z z z z z z z z						. 00	. 00	. 00		

Assessment of Effects on										
Relevant European Sites										
3	Is Euro. site		Can Sta	age A, B, C o	or D activitie	es be carrie	d out witho	ut AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If ac	ctivity is with	in European	site?	If ac	tivity is outsi	de Europear	n site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Pied avocet (Recurvirostra avosetta)	•	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Hen harrier (Circus cyaneus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Humber Estuary SAC	No									This site is outside the licence block, but less than 1km from the block boundary. Stage A, B,
Sandbanks which are slightly covered by sea water		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice
all the time Estuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	proposed with the licence' section (above) should be noted.
Mudflats and sandflats not covered by seawater at		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
low tide Coastal lagoons		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
sand										
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Shifting dunes along the shoreline with Ammophila		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
arenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
("grey dunes")		,	,	,	,	.,	.,	.,	.,	
Dunes with Hippopha•rhamnoides		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus) River lamprey (Lampetra fluviatilis)		n/a n/a	n/a n/a	n/a n/a	n/a n/a	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
Grey seal (Halichoerus grypus)		n/a n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Saltfleetby-Theddlethorpe Dunes and Gibraltar	No	II/a	II/a	II/a	II/a	165	162	165	165	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Point SAC	NO									activities undertaken at depth (so that effects do not register at surface) are not considered
Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Fixed coastal dunes with herbaceous vegetation ("grey dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunes with Hippopha•rhamnoides		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Humid dune slacks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Advice proposed with the licence The following advice is given: In some instances, bird species that are associated with SPAs and some Ramar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site state. Land within 16 win of an SPA, or a Ramar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its provinty) to the European site boundaries, and so could be vulnerable to activities occurring may be required by authorities that the considering PIRA issues to repeated to project-well proposates that cours due to activities occurring along the coastine. Land located duing the castine is a constant print SPA. Coastal or marine habital features could be witherable to any changes in coastal processes that cours due to activities occurring along the coastine. Land located duing the castine (it is within 16 m from into water level), and which is also with 16 flow of a European site is both that merglation and/or attended to the present and the project level operations. The European sites potentially vulnerable in or near this bota are Gibratian Piral SPA. Outless (Auth Isria) loved along rivers and their influsions, and occasionally we semi-natural habitals beyond the rigorian consistor, and so could be vulnerable to activities occurring used to the designated site field. Land that is within 10 than of a site supporting obtained years, and which is also on other 20 meters of a contributory watercourse to that site, its consistence to a contributory watercourse to that site is, its consistence to a contributory watercourse to that site is, is consistent to be a potentially provided the designated site field. Land that is within 10 than of a site supporting obtained water and within 16 meters and which is also contributory watercourse to that site is, is consistent to the activate of the subject o	Licence block: TF46										
Advice proposed with the licence The following advice is given: In some instance, just species that are escoded with SPAs and some flames rates may rey on non-designated fabilities beyond the European site boundaries, and accoud be vulnerable to advillee occurring outside the designated site is beef under considered to the of a private provider fabric flow of the European site outside the fabric flow of the European site outside the designated fabric flower of the European site outside the designated site is beef under the fabric of the European site outside the designated site is been designated from the European site outside the site of the site of the European site outside the site of the site of the European site outside the site of the site of the European site outside site of the site	Granting of licence propose	d?: Yes									
Advice proposed with the licence The following advice is given: In some instance, just species that are escoded with SPAs and some items are seen any rey on non-designated habitatis beyond the European site boundaries, and so could be vulnerable to advisiting country gouldide the designated as the select Land within 10th or of an SPA. or a Ramsur site designated for its bid apparations, is therefore considered to be of a principality venerable to a language that the suppose which plant implication and violations are considered to the origination and violations are considered to the discountry of the select of suppose the plant plant implication and violation in the following the select of suppose the plant plant in the selection of the select											
Advice proposed with the licence The following advice is given: In some inclinances, bild species that are associated with SPAs and some Ramser sites may rely on non-designated habilities beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site treat. Land within 100m of a post-plant year of the properties of	Conditions proposed for the	licence									
The following advice is given: In some instances, bird species that are associated with SPAs and some Ramar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site bised. Land within 10th or dan SPA, or a Ramars site designated for list sind populations, is therefore considered to be of a potentially sensitive nature due to its potentially to the European site) such that mitigation and an and/or alternative siting may be required by authorities that considering PHA issues for specific project-level operations. The European sites is not a potential prometry by the European sites is not considered to be of a potential prometry by the European sites is not considered to the Control of the European sites is not a potential prometry by the European sites is not considered and the European sites and European sites and European sites and European sites and the mitigation and/or alternative siting may be required by authorities further considering PHA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Gibratian Priori SAC. Others (Lute Isra) travel along inters and their this same of considering in the European sites potentially vulnerable in or near this block are Gibratian Priori SAC. Others (Lute Isra) travel along inters and their thinkings and considering where the section of the specimen site interest features (e.g. birds approached) was experied by authorities further considering HAR issues for specific project-level operations. The European sites potentially vulnerable in or near this block are The Wash and North Norfolk Coast SAC. Some of European site interest features (e.g. birds approached project-level operations. The European sites potentially vulnerable in or near this block are Circulate Point Ramas. The Wash Ramas are supported with the Europ	No conditions proposed.										
In some instances, bird species that are associated with SPAs and some Ramser sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site isself. Land within 10km of an SPA, or a Ramser site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its possibly to the fundiquion and/or alternative siting may be required by authorities (thrift to considering (FIR) Kassues for specific project-level operations. The European sites potentially undersitive for making the funding of the population of the possible project service operations. The European sites and the European sites of the SPA (Cartal Foots) and without the considering of the European sites of the European sites of the SPA (Cartal Foots) and with 10km of the European sites of the European sites of the European site of the SPA (Cartal Foots) and with 10km of the SPA (Cartal Foots) and the European sites of the SPA (Cartal Foots) and the SPA (Cartal Foots) and the SPA (Cartal Foots) and the European sites of the SPA (Cartal Foots) and the SPA (Cartal Foots) an	Advice proposed with the lid	ence									
Sessment of Effects on Relevant European site observable for its brid populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European slate) such that mitigation and/or attentates esting may be required by authorities further considering [FAI issues for specific prejudence] in PAI issues for specific prejudence with considerable to any changes in coastal processes that occur due to activities occurring along the coastine. Land located along the coastine (i.e. within 1km of the mean low water level), and which is also within 10km of a European site vint coastal habitats, is therefore considered to be of a potentially sensitive nature (due to its potential connectivity to a European site to state the mitigation and/or alternative string may be required by sufficiently—Three-differences and the influences and coastinal than 10km of a European site vint coastal habitats. Offices (Lutra Mar) Fave along moves and their influences, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting others, and which is also within 200 meters of a contributory vulnerable in or activate locative social by such protections of the site supporting others, and which is also within 200 meters of a contributory vulnerable in or the site of a potentially sensitive nature (due to its potential to be used by others) such that mitigation and/or alternative stimp may be required by admitted to the site of a potentially vulnerable in or the block are followed and the relevant activations of the site of a potentially vulnerable in or the block are followed and the vulnerable of the site of a potentially vulnerable in or the block are followed and and orthorities (Coast SAC). **Assessment of Effects on Relevant European sites are illustrated on the corresponding map in Appendix E. **Can Stage A, B, C or D activities be carried out without AEO/?*	The following advice is given:										
Assessment of Effects on Relevant European sites with cases in specific project-level operations. The European sites patch to the potentially sensitive no incommendation. The Wash Ramsar, The W	itself. Land within 10km of an SPA, or a Rams	sar site designat	ed for its bird	l populations	s, is therefore	e considered	to be of a p	otentially se	nsitive natur	e (due to its	proximity to the European site) such that mitigation and/or alternative siting may be
as its esupporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially ventrable in or near this block are The Wash and North Nortok Coast SAC. Some of European site interest features (e.g. brids species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1 km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites with features potentially vulnerable to this in or near this block are Gibrattar Point Ramsar. The Wash Ramsar. The Wash SPA, Gibrattar Point SPA, The Wash and North Norfolk Coast SAC.	also within 10km of a European site with coas authorities further considering HRA issues for	tal habitats, is the specific project	nerefore cons	sidered to be	of a potentia	ally sensitive	e nature (due	e to its poten	tial connecti	vity to a Eur	opean site) such that mitigation and/or alternative siting may be required by
of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative stiting may be required by authorities further considering HRA issues for specific project-level operations. The European sites with features potentially vulnerable to this in or near this block are Gibrattar Point Ramsar, The Wash Ramsar, The Wash SPA, Gibrattar Point SPA, The Wash and North Norfolk Coast SAC. Nore detailed information relating to designated sites taken into account in this assessment can be viewed by accessing the following link: http://jncc.defra.gov.uk/page-4 The location of the block and the relevant European sites are illustrated on the corresponding map in Appendix E. Assessment of Effects on Relevant European Sites Relevant European Sites Designated Sites and interest Features (within European site? If activity is outside European site? If activity is outside European site? If activity is outside European site?	a site supporting otters, and which is also with	nin 200 metres o	f a contributo	ory watercou	rse to that si	ite, is consid	dered to be o	f a potentiall	y sensitive n	ature (due to	o its potential to be used by otters) such that mitigation and/or alternative siting may
Assessment of Effects on Relevant European Sites Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within 10km) Secretary Secretary Security Securit	of a European site supporting noise or vibration	on sensitive feat	ures is consid	dered to be o	of a potential	lly sensitive	nature (due	to its proxim	ity to the Eu	ropean site)	such that mitigation and/or alternative siting may be required by authorities further
Assessment of Effects on Relevant European Sites Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within 10km) Secretary Secretary Security Securit	- More detailed information relating to designa	ited sites taken i	into account i	in this asses	sment can b	e viewed by	/ accessing t	he following	link: http://jn	cc.defra.gov	v.uk/page-4
Relevant European Sites Designated Sites and Interest Features (present within 10km) Is Euro. site within block? Can Stage A, B, C or D activities be carried out without AEOI? If activity is within European site? If activity is outside European site?	- The location of the block and the relevant E	uropean sites ar	e illustrated o	on the corres	sponding ma	p in Append	ix E.				
Relevant European Sites Designated Sites and Interest Features (present within the Licence Block or within 10km) Is Euro. site within European site? Can Stage A, B, C or D activities be carried out without AEOI? If activity is within European site? If activity is outside European site?											
Designated Sites and Interest Features (present within 10km) Is Euro. site within block? Can Stage A, B, C or D activities be carried out without AEOI? If activity is within European site? If activity is outside European site?											
within 10km) block? If activity is within European site? If activity is outside European site?	Designated Sites and Interest Features			Can Stag	ge A, B, C o	r D activitie	es be carried	d out withou	it AEOI?		Notes
Stage A Stage B Stage C Stage D Stage B Stage C Stage D	¥'		If acti	ivity is within	n European s	site?	If act	ivity is outsion	de European	site?	
			Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

Designated Sites and Interest Features	Is Euro. site		Can Sta	ige A, B, C	or D activitie	es be carried	d out withou	t AEOI?		Notes
present within the Licence Block or within 10km)	within block?	If ac	ctivity is with	in European	site?	If act	tivity is outsid	le European	site?	
<i>-</i>		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Gibraltar Point Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and
Criterion 1 - sites containing representative, rare or		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered
inique wetland types		-1-	- 1-	- 1-		V		V		likely to result in AEOI. With regard to activities at or near the surface, the 'Advice propose with the licence' section (above) should be noted.
Criterion 5 - regularly supports 20,000 or more vaterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the heartest section (above) should be noted.
Criterion 6 - regularly supports 1% of the individuals		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
n a population of one species/subspecies of vaterbirds										
Criterion 2 - supports vulnerable, endangered, or		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ritically endangered species or threatened eco.										
communities The Wash Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C an
Criterion 1 - sites containing representative, rare or		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered
inique wetland types										likely to result in AEOI. With regard to activities at or near the surface, the 'Advice propos with the licence' section (above) should be noted.
Criterion 3 - supports populations of plant/animal species important for maintaining regional		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	militure inscribe section (above) should be noted.
iodiversity										
Criterion 6 - regularly supports 1% of the individuals a population of one species/subspecies of		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
vaterbirds										
Criterion 5 - regularly supports 20,000 or more		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
vaterbirds The Wash SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C ar
Ruddy turnstone (Arenaria interpres)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered
Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice propose with the licence' section (above) should be noted.
Common tern (Sterna hirundo)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence section (above) should be noted.
ittle tern (Sterna albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Gadwall (Anas strepera)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Vaterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Pink-footed goose (Anser brachyrhynchus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
ight-bellied brent goose (Branta bernicla hrota)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern pintail (Anas acuta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black (common) scoter (Melanitta nigra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common goldeneye (Bucephala clangula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian oystercatcher (Haematopus ostralegus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Red knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
rundra swan (Cygnus columbianus bewickii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ounlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)	Na	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is sufficiently the linear block around the form the block to the Committee of th
	No	2/0	n/o	nlo	n/o	Vaa	Voc	Vaa	Voc	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C a activities undertaken at depth (so that effects do not register at surface) are not consider
ittle tern (Sterna albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice propo
dar-tailed godwit (Limosa lapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Vaterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within		Can Sta	age A, B, C o	or D activitie	es be carrie	d out withou	it AEOI?		Notes
within 10km)	block?	If a	ctivity is with	in European	site?	If ac	tivity is outsi	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
The Wash and North Norfolk Coast SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and
Sandbanks which are slightly covered by sea water all the time		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice propose with the licence' section (above) should be noted.
Mudflats and sandflats not covered by seawater at low tide		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Coastal lagoons		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Large shallow inlets and bays		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Reefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
sand Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Mediterranean and thermo-Atlantic halophilous scrubs (Sarcocornetea fruticosi)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Otter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common seal (Phoca vitulina)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Saltfleetby-Theddlethorpe Dunes and Gibraltar Point SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and activities undertaken at depth (so that effects do not register at surface) are not considered
Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice propose
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Fixed coastal dunes with herbaceous vegetation ("grey dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunes with Hippopha•rhamnoides		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Humid dune slacks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on

Licence block: TF47								
Granting of licence propose	d2. Vac							
Cranting of ficerice propose	u:. 163							
Conditions proposed for the	liconoc							
Conditions proposed for the	Hicerice							
No conditions proposed.								
Advice proposed with the lic	ence							
The following advice is given:								
 In some instances, bird species that are assitself. Land within 10km of an SPA, or a Rams required by authorities further considering HR 	sar site designate	ed for its bird populations	s, is therefore conside	ered to be of a p	otentially sensitive	nature (due to its	proximity to the European site) such	o activities occurring outside the designated site ch that mitigation and/or alternative siting may be Estuary SPA.
- Coastal or marine habitat features could be a also within 10km of a European site with coas authorities further considering HRA issues for	tal habitats, is th	erefore considered to be	e of a potentially sens	itive nature (du	e to its potential cor	nectivity to a Eur	ropean site) such that mitigation an	
	on sensitive featu	ires is considered to be	of a potentially sensit	ive nature (due	to its proximity to th	e European site)	such that mitigation and/or alterna	and D activities). Land within approximately 1km tive siting may be required by authorities further A.
- More detailed information relating to designa	ited sites taken i	nto account in this asses	ssment can be viewed	d by accessing t	the following link: ht	tp://jncc.defra.gov	v.uk/page-4	
- The location of the block and the relevant Eu	uropean sites are	e illustrated on the corre	sponding map in Appe	endix E.				
Accompany of Effects are								
Assessment of Effects on								
Relevant European Sites Designated Sites and Interest Features	Is Euro. site	Can Sta	ge A, B, C or D activ	rities be carried	d out without AEO	1?	Notes	
(present within the Licence Block or	within	If activity is within			tivity is outside Euro			
within 10km)	block?		Stage C Stage		Stage B Stag			
		Stage A Stage B	Stage C Stage	D Stage A	Stage B Stag	e C Stage D		

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site				Notes					
within 10km)	within	.,		<u> </u>	or D activitie				7.0	Notes
	block?			in European			tivity is outsi			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Humber Estuary Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and activities undertaken at depth (so that effects do not register at surface) are not considered
Criterion 5 - regularly supports 20,000 or more waterbirds		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Criterion 1 - sites containing representative, rare or		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
unique wetland types Criterion 3 - supports populations of plant/animal		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
species important for maintaining regional										
biodiversitv Criterion 6 - regularly supports 1% of the individuals		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
in a population of one species/subspecies of										
waterbirds Criterion 8 - important source of food for fishes,		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
spawning ground, nursery and/or migration path	Ma									This site is extended the lineage block around him form the block beyond any Change A. D. C. and I.
Humber Estuary SPA	No	2/0	2/0	2/0	n/o	Voc	Vaa	Voc	Vaa	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and I activities undertaken at depth (so that effects do not register at surface) are not considered
Great bittern (Botaurus stellaris) Great bittern (Botaurus stellaris)		n/a n/a	n/a n/a	n/a n/a	n/a n/a	Yes Yes	Yes Yes	Yes Yes	Yes Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Greater scaup (Aythya marila)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Mallard (Anas platyrhynchos)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Northern lapwing (Vanellus vanellus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Red knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Red knot (Calidris canutus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ruff (Philomachus pugnax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Whimbrel (Numenius phaeopus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata) Common redshank (Tringa totanus)		n/a	n/a n/a	n/a	n/a n/a	Yes Yes	Yes Yes	Yes Yes	Yes Yes	
, , , , , , , , , , , , , , , , , , ,		n/a	n/a	n/a n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus) Common greenshank (Tringa nebularia)		n/a n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ruddy turnstone (Arenaria interpres)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Little tern (Sterna albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Light-bellied brent goose (Branta bernicla hrota)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common shelduck (Tadorna tadorna)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian marsh harrier (Circus aeruginosus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common goldeneye (Bucephala clangula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian oystercatcher (Haematopus ostralegus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Pied avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common pochard (Aythya ferina)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within		Can Sta	ge A, B, C d	or D activitie	s be carried	d out withou	it AEOI?		Notes
within 10km)	block?	If ac	ctivity is withi	n European	site?	If act	ivity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Pied avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Hen harrier (Circus cyaneus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Saltfleetby–Theddlethorpe Dunes and Gibraltar Point SAC										This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered
Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Fixed coastal dunes with herbaceous vegetation ("grey dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunes with Hippopha•rhamnoides		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Humid dune slacks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: TF48b										
Granting of licence propose	d?: Yes									
Conditions proposed for the	licence									
	efore also prohib	bited in any o	overlapping a							e surface will be prohibited in certain sites with potentially sensitive features. Stage in at least one of those sites (see map in Appendix E). The sites in which Stage A
Advice proposed with the lic	ence									
The following advice is given:										
- This block has European sites within it, or w mitigation and/or alternative siting may be req								site is consi	dered to be	of a potentially sensitive nature (due to its proximity to the European site) such that
itself. Land within 10km of an SPA, or a Rams	ar site designat	ted for its bird	d populations	s, is therefor	e considered	d to be of a p	otentially se	nsitive natur	e (due to its	aries, and so could be vulnerable to activities occurring outside the designated site proximity to the European site) such that mitigation and/or alternative siting may be lumber Estuary Ramsar, Humber Estuary SPA.
also within 10km of a European site with coas	tal habitats, is th	herefore con	sidered to be	e of a potent	ially sensitiv	e nature (due	e to its poter	itial connecti	vity to a Eur	cated along the coastline (i.e. within 1km of the mean low water level), and which is opean site) such that mitigation and/or alternative siting may be required by any Ramsar, Humber Estuary SAC, Saltfleetby–Theddlethorpe Dunes and Gibraltar
of a European site supporting noise or vibration	on sensitive feat	ures is consi	idered to be	of a potentia	ally sensitive	nature (due	to its proxim	ity to the Eur	ropean site)	A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further tuary Ramsar, Humber Estuary SPA, Humber Estuary SAC.
- More detailed information relating to designa	ited sites taken i	into account	in this asses	ssment can l	be viewed by	y accessing t	he following	link: http://jn	cc.defra.gov	v.uk/page-4
- The location of the block and the relevant Eu	uropean sites ar	e illustrated	on the corre	sponding ma	ap in Append	dix E.				
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can Sta	ge A, B, C c	or D activitie	es be carried	d out withou	it AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If act	tivity is withii	n European	site?	If act	ivity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

Assessment of Effects on Relevant European Sites Designated Sites and Interest Features Notes Is Euro. site Can Stage A, B, C or D activities be carried out without AEOI? (present within the Licence Block or within If activity is within European site? If activity is outside European site? within 10km) block? Stage A Stage B Stage C Stage D Stage A Stage B Stage C Stage D Humber Estuary Ramsar This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With Criterion 5 - regularly supports 20,000 or more No No No No Yes Yes Yes Yes regard to activities 'at or near the surface', the following should be noted: waterbirds - Stage A, B, C and D activities within the European site boundary are considered likely to Criterion 1 - sites containing representative, rare or Yes No No No Yes Yes Yes Yes result in AEOI - see 'Conditions proposed for the licence' (above). unique wetland types - for activities occurring outside the boundary of the European site, the 'Advice proposed with Criterion 3 - supports populations of plant/animal Yes No No No Yes Yes Yes Yes the licence' section (above) should be noted. species important for maintaining regional Criterion 6 - regularly supports 1% of the individuals No No Nο No Yes Yes Yes Yes in a population of one species/subspecies of waterbirds Criterion 8 - important source of food for fishes, Yes Yes Yes No No No Yes Yes spawning ground, nursery and/or migration path Humber Estuary SPA Yes This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With Great bittern (Botaurus stellaris) No No No No Yes Yes Yes Yes regard to activities 'at or near the surface', the following should be noted: Great bittern (Botaurus stellaris) No No No No Yes Yes Yes Yes - Stage A, B, C and D activities within the European site boundary are considered likely to No Yes result in AEOI - see 'Conditions proposed for the licence' (above). Greater scaup (Aythya marila) No No No Yes Yes Yes - for activities occurring outside the boundary of the European site, the 'Advice proposed with Mallard (Anas platyrhynchos) No No No No Yes Yes Yes Yes the licence' section (above) should be noted. Yes Grey plover (Pluvialis squatarola) No No No No Yes Yes Yes Northern lapwing (Vanellus vanellus) No No No No Yes Yes Yes Yes No No No No Yes Yes Yes Yes Red knot (Calidris canutus) Red knot (Calidris canutus) No No No No Yes Yes Yes Yes Sanderling (Calidris alba) No Yes Yes Yes No No No Yes Sanderling (Calidris alba) No No No No Yes Yes Yes Yes Dunlin (Calidris alpina schinzii) No No No No Yes Yes Yes Yes Dunlin (Calidris alpina schinzii) No No No No Yes Yes Yes Yes Ruff (Philomachus pugnax) No Nο No No Yes Yes Yes Yes Grev plover (Pluvialis squatarola) No No No No Yes Yes Yes Yes Yes Yes Waterfowl assemblage No No No No Yes Yes Black-tailed godwit (Limosa limosa islandica) No No No No Yes Yes Yes Yes Black-tailed godwit (Limosa limosa islandica) No No No No Yes Yes Yes Yes Bar-tailed godwit (Limosa lapponica) No No No No Yes Yes Yes Yes Whimbrel (Numenius phaeopus) No No No No Yes Yes Yes Yes Yes Eurasian curlew (Numenius arquata) No No No No Yes Yes Yes Common redshank (Tringa totanus) No No No No Yes Yes Yes Yes Common redshank (Tringa totanus) No No No No Yes Yes Yes Yes Common greenshank (Tringa nebularia) No No No No Yes Yes Yes Yes Ruddy turnstone (Arenaria interpres) No No No Yes Yes Yes No Yes Little tern (Sterna albifrons) No No No No Yes Yes Yes Yes No No No Yes Yes Yes Yes Light-bellied brent goose (Branta bernicla hrota) No Common shelduck (Tadorna tadorna) No No No No Yes Yes Yes Yes Yes Yes European golden plover (Pluvialis apricaria) Nο Nο Nο No Yes Yes No No No No Yes Yes Yes Yes Eurasian marsh harrier (Circus aeruginosus) No Yes Common goldeneye (Bucephala clangula) No No No Yes Yes Yes Yes Yes Eurasian oystercatcher (Haematopus ostralegus) No No No No Yes Yes Pied avocet (Recurvirostra avosetta) No No No No Yes Yes Yes Yes Eurasian wigeon (Anas penelope) No No No No Yes Yes Yes Yes No No No Yes Yes Eurasian teal (Anas crecca) No Yes Yes Common pochard (Aythya ferina) No No No No Yes Yes Yes Yes

Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can Sta	ge A, B, C o	or D activitie	es be carrie	d out withou	it AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If ac	ctivity is with	in European	site?	If ac	tivity is outsio	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Pied avocet (Recurvirostra avosetta)		No	No	No	No	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		No	No	No	No	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		No	No	No	No	Yes	Yes	Yes	Yes	
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes	
Humber Estuary SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Sandbanks which are slightly covered by sea water all the time		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licensed continuous personal post of the control of the cont
Estuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Mudflats and sandflats not covered by seawater at low tide		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Coastal lagoons		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and sand		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Shifting dunes along the shoreline with Ammophila		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
arenaria ("white dunes") Fixed coastal dunes with herbaceous vegetation ("grey dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Dunes with Hippopha•rhamnoides		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sea lamprey (Petromyzon marinus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
River lamprey (Lampetra fluviatilis)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey seal (Halichoerus grypus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Saltfleetby–Theddlethorpe Dunes and Gibraltar Point SAC	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With
Embryonic shifting dunes		Yes	No	No	No	Yes	Yes	Yes	Yes	regard to activities 'at or near the surface', the following should be noted:
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	- Stage B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above).
Fixed coastal dunes with herbaceous vegetation ("grey dunes")		Yes	No	No	No	Yes	Yes	Yes	Yes	 for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Dunes with Hippopha•rhamnoides		Yes	No	No	No	Yes	Yes	Yes	Yes	
Humid dune slacks		Yes	No	No	No	Yes	Yes	Yes	Yes	

Licence block: TF56														
Granting of licence propose	Granting of licence proposed?: Yes													
Conditions proposed for the	licence													
	efore also prohil	bited in any o	verlapping a	areas of two	or more Euro	opean sites,	-			e surface will be prohibited in certain sites with potentially sensitive features. Stage in at least one of those sites (see map in Appendix E). The sites in which Stage A				
Advice proposed with the lice	cence													
The following advice is given:														
- This block has European sites within it, or w mitigation and/or alternative siting may be req								site is consi	dered to be	of a potentially sensitive nature (due to its proximity to the European site) such that				
itself. Land within 10km of an SPA, or a Rams	sar site designat	ted for its bird	d populations	s, is therefor	e considered	to be of a p	otentially se	nsitive nature	e (due to its	ries, and so could be vulnerable to activities occurring outside the designated site proximity to the European site) such that mitigation and/or alternative siting may be ibraltar Point Ramsar, The Wash Ramsar, The Wash SPA, Gibraltar Point SPA.				
also within 10km of a European site with coas	stal habitats, is the specific project	herefore con	sidered to be	e of a potent	ially sensitive	e nature (due	e to its poter	itial connectiv	vity to a Euro	ated along the coastline (i.e. within 1km of the mean low water level), and which is opean site) such that mitigation and/or alternative siting may be required by t Ramsar, The Wash Ramsar, The Wash and North Norfolk Coast SAC,				
The state of the s	nin 200 metres o	of a contribute	ory watercou	irse to that s	site, is consid	lered to be o	f a potential	y sensitive n	ature (due to	to activities occurring outside the designated site itself. Land that is within 10km of o its potential to be used by otters) such that mitigation and/or alternative siting may a The Wash and North Norfolk Coast SAC.				
of a European site supporting noise or vibration	on sensitive feat	tures is consi	dered to be	of a potentia	ally sensitive	nature (due	to its proxim	ity to the Eur	opean site)	A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further int Ramsar, The Wash Ramsar, The Wash SPA, Gibraltar Point SPA, The Wash				
- More detailed information relating to designate	ated sites taken	into account	in this asses	ssment can b	be viewed by	accessing t	he following	link: http://jn	cc.defra.gov	v.uk/page-4				
- The location of the block and the relevant E	uropean sites ar	e illustrated	on the corres	sponding ma	ap in Append	ix E.								
Assessment of Effects on														
Relevant European Sites														
Designated Sites and Interest Features	Is Euro. site		Can Stag	ge A, B, C o	or D activitie	s be carried	d out withou	it AEOI?		Notes				
(present within the Licence Block or within 10km)	within block?	If act	tivity is withir	n European :	site?	If act	ivity is outsid	de European	site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					

Assessment of Effects on Relevant European Sites Designated Sites and Interest Features Is Euro. site Can Stage A, B, C or D activities be carried out without AEOI? Notes (present within the Licence Block or within If activity is within European site? If activity is outside European site? within 10km) block? Stage A Stage B Stage D Stage A Stage B Stage C Stage D Stage C Gibraltar Point Ramsar This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With Yes No No Yes Yes Yes Yes Criterion 1 - sites containing representative, rare or No regard to activities 'at or near the surface', the following should be noted: unique wetland types - Stage A, B, C and D activities within the European site boundary are considered likely to Criterion 5 - regularly supports 20,000 or more No No No No Yes Yes Yes Yes result in AEOI - see 'Conditions proposed for the licence' (above). waterbirds - for activities occurring outside the boundary of the European site, the 'Advice proposed with Criterion 6 - regularly supports 1% of the individuals No No No No Yes Yes Yes Yes the licence' section (above) should be noted. n a population of one species/subspecies of Criterion 2 - supports vulnerable, endangered, or Yes No Nο No Yes Yes Yes Yes critically endangered species or threatened eco. communities The Wash Ramsar This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered Criterion 1 - sites containing representative, rare or Yes Yes Yes Yes n/a n/a n/a n/a likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed unique wetland types with the licence' section (above) should be noted. Criterion 3 - supports populations of plant/animal n/a n/a n/a n/a Yes Yes Yes Yes species important for maintaining regional biodiversity Criterion 6 - regularly supports 1% of the individuals Yes Yes n/a n/a n/a n/a Yes Yes in a population of one species/subspecies of Criterion 5 - regularly supports 20,000 or more n/a n/a n/a n/a Yes Yes Yes Yes waterbirds The Wash SPA No This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered Yes Ruddy turnstone (Arenaria interpres) n/a n/a n/a n/a Yes Yes Yes likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed Yes Common redshank (Tringa totanus) n/a n/a n/a n/a Yes Yes Yes with the licence' section (above) should be noted. Common tern (Sterna hirundo) Yes Yes Yes n/a n/a n/a n/a Yes ittle tern (Sterna albifrons) n/a n/a n/a n/a Yes Yes Yes Yes Yes Yes Yes Bar-tailed godwit (Limosa lapponica) n/a n/a n/a n/a Yes Grey plover (Pluvialis squatarola) n/a n/a n/a n/a Yes Yes Yes Yes Eurasian curlew (Numenius arquata) n/a n/a n/a n/a Yes Yes Yes Yes Gadwall (Anas strepera) n/a n/a n/a n/a Yes Yes Yes Yes Waterfowl assemblage n/a n/a n/a n/a Yes Yes Yes Yes Pink-footed goose (Anser brachyrhynchus) n/a n/a n/a n/a Yes Yes Yes Yes Light-bellied brent goose (Branta bernicla hrota) n/a n/a n/a n/a Yes Yes Yes Yes Sanderling (Calidris alba) n/a n/a n/a n/a Yes Yes Yes Yes Eurasian wigeon (Anas penelope) n/a n/a n/a n/a Yes Yes Yes Yes Yes Black-tailed godwit (Limosa limosa islandica) n/a n/a n/a n/a Yes Yes Yes Northern pintail (Anas acuta) n/a n/a n/a n/a Yes Yes Yes Yes Black (common) scoter (Melanitta nigra) n/a n/a n/a n/a Yes Yes Yes Yes Common goldeneye (Bucephala clangula) n/a n/a n/a n/a Yes Yes Yes Yes Eurasian oystercatcher (Haematopus ostralegus) n/a n/a n/a n/a Yes Yes Yes Yes Red knot (Calidris canutus) n/a n/a n/a n/a Yes Yes Yes Yes Yes Yes Tundra swan (Cygnus columbianus bewickii) n/a n/a n/a n/a Yes Yes Dunlin (Calidris alpina schinzii) Yes Yes n/a n/a n/a n/a Yes Yes Common shelduck (Tadorna tadorna) n/a n/a n/a n/a Yes Yes Yes Yes Gibraltar Point SPA Yes This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With Yes Yes Yes Little tern (Sterna albifrons) Nο Nο Nο Nο Yes regard to activities 'at or near the surface', the following should be noted: Bar-tailed godwit (Limosa lapponica) No No No No Yes Yes Yes Yes - Stage A, B, C and D activities within the European site boundary are considered likely to Waterfowl assemblage Yes result in AEOI - see 'Conditions proposed for the licence' (above). Nο Nο Nο Nο Yes Yes Yes - for activities occurring outside the boundary of the European site, the 'Advice proposed with Sanderling (Calidris alba) No No No No Yes Yes Yes Yes the licence' section (above) should be noted. Yes Yes Grey plover (Pluvialis squatarola) Nο Nο Nο Nο Yes Yes

Companies of the seal and interest political process of the seal of the seal process	Assessment of Effects on										
Designation of this file Linear Billed or within 1 (Linear Bill)) (Linear Bill)) (Linear Billed or Within 1 (Linear Bill)) (Linear Bill)) (Linear Bill)) (Linear Bill) (Linear Bill)) (Linear Bill)) (Linear Bill) (Linear Bill)) (Linear Billed or Within 1 (Linear Bill)) (Linear Bill)) (Linear Bill)) (Linear Bill)) (Li	Relevant European Sites										
Ministry	•			Can Sta	ge A, B, C o	or D activitie	es be carrie	d out withou	Notes		
The state is nature in the content of the content	9		If ac	ctivity is with	in European	site?	If ac	tivity is outsic			
Section 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Content Cont	Gibraltar Point Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Content Cont	Criterion 1 - sites containing representative, rare or		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Calcar Angulary supports May Calcar Angul			n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
In a support for the response processes processes of the			n/a	n/a	n/a	n/a	Vec	Vec	Vec	Ves	
Controls of Assignation Control Cont			11/4	TIV C	100	11/4	103	103	103	103	
Security			n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Number Centary Plane			11/4	TIV C	100	11/4	103	103	103	103	
Section Processing Proces		No									This site is outside the license block, over 1km from the block boundary. Stage A. R. C. and D.
Section Sect			n/a	n/a	n/a	n/a	Vec	Ves	Vec	Ves	
Inchesion 3 - supports projected for mainlaning regional group of the projected for mainlaning regional control mainlaning regional control mainlaning regional control mainlaning regional control on specietal-basepores of surface 3 - supports 16 of the individuals in a propatition of one specietal-basepores of surface 3 - support 18 of the individuals of the individual of the individuals of the individual of the individua			II/a	II/a	II/a	II/a	165	165	162	165	
Career in contact and particularization of partic			n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Pacification Paci	Criterion 3 - supports populations of plant/animal		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Calcation S-regulatly supports 15% of the individuals Na Na Na Na Na Na Na N											
Name Page			n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Part											
Number Estuary SPA No			n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Pare to blatem (Roburus satellaries) Na		Na									This site is a staide the lineage block, as and the form the block have done. Change A. D. C. and D.
Seed		NO	- 1-	-1-	- 1-	- 1-	V	V.		V	
Seater scaup (Aydrya marila) Nia Nia	,										likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Mallard (Anas platythynchos) n/a	,										with the licence' section (above) should be noted.
Screy plover (Pluvialis squatarola) n/a n/a n/a n/a ves Yes Yes Yes Northern lapwing (Vanellus vanellus) n/a n/a n/a n/a ves Yes Yes Yes Red knot (Calidiris canutus) n/a n/a n/a n/a ves Yes Yes Sanderling (Calidris canutus) n/a n/a n/a ves Yes Yes Sanderling (Calidris alba) n/a n/a n/a n/a ves Yes Yes Sanderling (Calidris albina schinzi) n/a n/a n/a n/a n/a ves Yes Yes Quinin (Calidris alpina schinzi) n/a n/a n/a n/a ves Yes Yes Yes Ruff (Pillomaschus pugnax) n/a n/a n/a n/a ves Yes Yes Yes Grey plover (Pluvialis squatarola) n/a n/a n/a n/a ves yes Yes Yes											
Northern lapwing (Vanellus vanellus) n/a n/a n/a n/a n/a ves Ves Ves Ves Ves Ves Red knot (Calidris canutus) n/a n/a n/a n/a n/a n/a ves Ves Ves Ves Ves Sanderling (Calidris alba) n/a n/a n/a n/a n/a n/a ves Ves Ves Ves Ves Sanderling (Calidris alba) n/a n/a n/a n/a n/a ves Ves Ves Ves Ves Sanderling (Calidris alba) n/a n/a n/a n/a n/a ves Ves Ves Ves Ves Sanderling (Calidris alba) n/a n/a n/a n/a n/a ves Ves Ves Ves Ves Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a n/a n/a ves Ves Ves Ves Ves Ves Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a n/a ves V											
Red knot (Calidris canutus) n/a n/a n/a n/a ryes Yes Yes Yes Red knot (Calidris canutus) n/a n/a n/a ryes Yes Yes Yes Sanderling (Calidris albas) n/a n/a n/a Yes Yes Yes Sanderling (Calidris albas) n/a n/a n/a ryes Yes Yes Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a ryes Yes Yes Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a ryes Yes Yes Dunlin (Calidris alpina schinzii) n/a n/a n/a ryes Yes Yes Yes Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a ryes Yes Yes Yes Grey plover (Pluvialis squatarola) n/a n/a n/a n/a n/a n/a n/a n/a yes Yes Yes Yes											
Red knot (Calidris canutus) n/a n/a n/a n/a n/a n/a Yes Yes Yes Yes Sanderling (Calidris albas) n/a n/a n/a Yes Yes Yes Yes Yes Yes Yes Yes Yes Analysis Analysis Yes											
Sanderling (Calidris alba) n/a n/a n/a n/a yes Yes Yes Yes Sanderling (Calidris alba) n/a n/a n/a n/a n/a n/a yes Yes Yes Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a yes Yes Yes Yes Ruff (Philomachus pugnax) n/a n/a n/a n/a n/a n/a n/a yes Yes Yes Waterfowl assemblage n/a n/a n/a n/a n/a n/a yes Yes </td <td></td>											
Sanderling (Calidris alba) n/a n/a n/a n/a res Yes Yes Yes Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a res Yes Yes Yes Gurli (Cididris alpina schinzii) n/a n/a n/a n/a n/a res Yes Yes Gurli (Cididris alpina schinzii) n/a n/a n/a n/a n/a res Yes Yes Gurli (Cididris alpina schinzii) n/a n/a n/a n/a n/a n/a Yes Y	· · · · · · · · · · · · · · · · · · ·										
Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a n/a yes Yes Yes Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a n/a n/a yes Yes Yes Ruff (Philomachus pugnax) n/a n/a n/a n/a n/a yes Yes Yes Grey plover (Phivalis squatarola) n/a n/a n/a n/a yes Yes Yes Waterfowl assemblage n/a n/a n/a n/a n/a yes Yes Yes Black-tailed godwit (Limosa limosa islandica) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Black-tailed godwit (Limosa limosa islandica) n/a n/a n/a n/a yes											
Ruff (Philomachus pugnax) n/a n/a n/a n/a n/a n/a n/a n/	Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola) n/a n/a n/a n/a yes Yes Yes Yes Waterfowl assemblage n/a n/a n/a n/a yes Yes Yes Black-tailed godwit (Limosa limosa islandica) n/a n/a n/a n/a yes Yes Yes Black-tailed godwit (Limosa lapponica) n/a n/a n/a n/a yes Yes Yes Bar-tailed godwit (Limosa lapponica) n/a n/a n/a n/a yes Yes Yes Bar-tailed godwit (Limosa lapponica) n/a n/a n/a n/a yes Yes Yes Bar-tailed godwit (Limosa lapponica) n/a n/a n/a yes Yes Yes Yes Bar-tailed godwit (Limosa lapponica) n/a n/a n/a yes Yes Yes Yes Bar-tailed godwit (Limosa lapponica) n/a n/a n/a yes Yes Yes Yes Eurasian curlew (Numenius arq	Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Waterfowl assemblage n/a n/a n/a n/a n/a n/a yes yes yes yes Black-tailed godwit (Limosa limosa islandica) n/a n/a n/a n/a n/a n/a yes yes yes yes Black-tailed godwit (Limosa limosa islandica) n/a n/a n/a n/a n/a yes yes yes yes Bar-tailed godwit (Limosa lapponica) n/a n/a n/a n/a n/a yes yes yes yes Whimbrel (Numenius phaeopus) n/a n/a n/a n/a n/a n/a yes yes yes yes Eurasian curlew (Numenius arquata) n/a n/a n/a n/a n/a n/a yes yes yes yes Common redshank (Tringa totanus) n/a n/a n/a n/a n/a n/a yes yes yes yes Common greenshank (Tringa nebularia) n/a n/a n/a n/a n/a yes yes yes yes Ruddy turnstone (Arenaria interpres) n/a n/a n/a n/a n/a n/a n/a yes yes yes yes Light-bellied brent goose (Branta bernica hrota) n/a n/a n/a n/a n/a n/a n/a n/a yes yes yes yes Common shelduck (Tadorna tadorna) n/a n/a n/a n/a n/a n/a n/a n/a yes yes yes yes	Ruff (Philomachus pugnax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica) n/a n/a n/a n/a n/a n/a n/a n	Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica) n/a n/a n/a n/a n/a n/a n/a n	Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica) n/a n/a n/a n/a n/a n/a yes yes yes yes yes yes yes ye	Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Whimbrel (Numenius phaeopus) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Eurasian curlew (Numenius arquata) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Yes Yes	Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Common redshank (Tringa totanus) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Yes Yes	Bar-tailed godwit (Limosa lapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Common redshank (Tringa totanus) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Yes Yes	Whimbrel (Numenius phaeopus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus) n/a n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Common greenshank (Tringa nebularia) n/a n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Yes Yes	Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common greenshank (Tringa nebularia) n/a n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Little tern (Sterna albifrons) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Yes Yes	Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ruddy turnstone (Arenaria interpres) n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Little tern (Sterna albifrons) n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Common shelduck (Tadorna tadorna) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes	Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes		Yes	
Little tern (Sterna albifrons) n/a n/a n/a n/a n/a yes Yes Yes Yes Light-bellied brent goose (Branta bernicla hrota) n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Yes Yes	Common greenshank (Tringa nebularia)			n/a	n/a	n/a					
Light-bellied brent goose (Branta bernicla hrota) n/a n/a n/a n/a Yes Yes Yes Yes Common shelduck (Tadorna tadorna) n/a n/a n/a n/a Yes Yes Yes Yes				n/a	n/a	n/a					
Common shelduck (Tadorna tadorna) n/a n/a n/a Yes Yes Yes Yes				n/a	n/a	n/a					
European golden plover (Pluvialis apricaria) n/a n/a n/a n/a Yes Yes Yes											
	European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Assessment of Effects on Relevant European Sites Designated Sites and Interest Features Is Euro, site Can Stage A, B, C or D activities be carried out without AEOI? Notes (present within the Licence Block or within If activity is within European site? If activity is outside European site? within 10km) block? Stage A Stage B Stage C Stage D Stage A Stage B Stage C Stage D The Wash and North Norfolk Coast SAC Yes This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With Sandbanks which are slightly covered by sea water Yes Yes Yes Yes Yes No No No regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to Mudflats and sandflats not covered by seawater at Yes No No No Yes Yes Yes Yes result in AEOI - see 'Conditions proposed for the licence' (above). low tide - for activities occurring outside the boundary of the European site, the 'Advice proposed with Coastal lagoons Yes Yes Yes No No No Yes Yes the licence' section (above) should be noted. Large shallow inlets and bays Yes No No Yes Yes Yes Yes No Reefs Yes Yes Yes Yes No No No Yes Salicornia and other annuals colonizing mud and Yes No No No Yes Yes Yes Yes Atlantic salt meadows (Glauco-Puccinellietalia Yes Yes Yes No No No Yes Yes maritimae) Mediterranean and thermo-Atlantic halophilous Yes No No No Yes Yes Yes Yes scrubs (Sarcocornetea fruticosi) Otter (Lutra lutra) Yes No No No Yes Yes Yes Yes Common seal (Phoca vitulina) No No No No Yes Yes Yes Yes Saltfleetby-Theddlethorpe Dunes and Gibraltar Yes This site is present within the licence block. Stage A, B, C and D activities undertaken at depth Point SAC (so that effects do not register at surface) are not considered likely to result in AEOI. With Embryonic shifting dunes Yes No No No Yes Yes Yes Yes regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result Shifting dunes along the shoreline with Ammophila Yes Yes Yes Yes No No No Yes in AEOI – see 'Conditions proposed for the licence' (above). arenaria ("white dunes") - for activities occurring outside the boundary of the European site, the 'Advice proposed with

Yes

Yes

Yes

the licence' section (above) should be noted.

Fixed coastal dunes with herbaceous vegetation

Dunes with Hippopha•rhamnoides

("grey dunes")

Humid dune slacks

Yes

Yes

Yes

No

No

No

No

No

No

No

No

No

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Yes

Licence block: TF57									
Granting of licence propose	d?: Yes								
Conditions proposed for the	licence								
No conditions proposed.									
Advice proposed with the lic	cence								
The fellowing advise in given									
The following advice is given:									
itself. Land within 10km of an SPA, or a Rams	sar site designat	ed for its bird p	populations, is	therefore consid	ered to be of a	a potentially se	nsitive natur	e (due to its	ries, and so could be vulnerable to activities occurring outside the designated site proximity to the European site) such that mitigation and/or alternative siting may be ibraltar Point Ramsar, Humber Estuary Ramsar, Humber Estuary SPA, Gibraltar
also within 10km of a European site with coas	tal habitats, is the specific project	nerefore consid	dered to be of	a potentially sens	sitive nature (d	due to its poter	ntial connecti	vity to a Eur	rated along the coastline (i.e. within 1km of the mean low water level), and which is opean site) such that mitigation and/or alternative siting may be required by t Ramsar, Humber Estuary Ramsar, The Wash and North Norfolk Coast SAC,
, ,	nin 200 metres o	f a contributor	y watercourse	to that site, is co	nsidered to be	of a potential	ly sensitive n	ature (due to	to activities occurring outside the designated site itself. Land that is within 10km of o its potential to be used by otters) such that mitigation and/or alternative siting may a The Wash and North Norfolk Coast SAC.
of a European site supporting noise or vibration	on sensitive feat	ures is conside	ered to be of a	a potentially sensi	tive nature (du	e to its proxim	nity to the Eur	ropean site)	A activities (as well as Stage B, C and D activities). Land within approximately 1km such that mitigation and/or alternative siting may be required by authorities further int Ramsar, Humber Estuary Ramsar, Humber Estuary SPA, Gibraltar Point SPA,
- More detailed information relating to designa	ited sites taken	into account in	this assessm	nent can be viewe	d by accessing	g the following	link: http://jn	cc.defra.gov	v.uk/page-4
- The location of the block and the relevant E	uropean sites ar	e illustrated on	the correspo	nding map in App	endix E.				
Assessment of Effects on									
Relevant European Sites									
Designated Sites and Interest Features	Is Euro. site		Can Stage	A, B, C or D activ	vities be carr	ied out witho	ut AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If activ	vity is within E	uropean site?	If a	activity is outsi	de European	site?	
	3.55%	Stage A	Stage B S	Stage C Stage	D Stage A	Stage B	Stage C	Stage D	

Companies of the seal and interest political process of the seal of the seal process	Assessment of Effects on										
Designation of this file Linear Billed or within 1 (Linear Bill)) (Linear Bill)) (Linear Billed or Within 1 (Linear Bill)) (Linear Bill)) (Linear Bill)) (Linear Bill) (Linear Bill)) (Linear Bill)) (Linear Bill) (Linear Bill)) (Linear Billed or Within 1 (Linear Bill)) (Linear Bill)) (Linear Bill)) (Linear Bill)) (Li	Relevant European Sites										
Ministry	•			Can Sta	ge A, B, C o	or D activitie	es be carrie	d out withou	Notes		
The state is nature in the content of the content	9		If ac	ctivity is with	in European	site?	If ac	tivity is outsic			
Section 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1			Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Content Cont	Gibraltar Point Ramsar	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D
Content Cont	Criterion 1 - sites containing representative, rare or		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Calcar Angulary supports May Calcar Angul			n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
In a support for the response processes processes of the			n/a	n/a	n/a	n/a	Vec	Vec	Vec	Ves	
Controls of Assignation Control Cont			11/4	TI/A	100	11/4	103	103	103	103	
Security			n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Number Centary Plane			11/4	TI/A	100	11/4	103	103	103	103	
Section Processing Proces		No									This site is outside the license block, over 1km from the block boundary. Stage A. R. C. and D.
Section Sect			n/a	n/a	n/a	n/a	Vec	Ves	Vec	Ves	
Inchesion 3 - supports projected for mainlaning regional group of the projected for mainlaning regional control mainlaning regional control mainlaning regional control mainlaning regional control on specietal-basepores of surface 3 - supports 16 of the individuals in a propatition of one specietal-basepores of surface 3 - support 18 of the individuals of the individual of the individuals of the individual of the individua			II/a	II/a	II/a	II/a	165	165	162	165	
Career in contact and particularization of partic			n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Pacification Paci	Criterion 3 - supports populations of plant/animal		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Calcation S-regulatly supports 15% of the individuals Na Na Na Na Na Na Na N											
Name Page			n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Part											
Number Estuary SPA No			n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Pare to blatem (Roburus satellaries) Na		Na									This site is a staide the lineage block, as and the form the block has added. Others A. D. C. and D.
Seed		NO	- 1-	-1-	- 1-	- 1-	V	V.		V	
Seater scaup (Aydrya marila) Nia Nia	,										likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Mallard (Anas platythynchos) n/a	,										with the licence' section (above) should be noted.
Screy plover (Pluvialis squatarola) n/a n/a n/a n/a ves Yes Yes Yes Northern lapwing (Vanellus vanellus) n/a n/a n/a n/a ves Yes Yes Yes Red knot (Calidiris canutus) n/a n/a n/a n/a ves Yes Yes Sanderling (Calidris canutus) n/a n/a n/a ves Yes Yes Sanderling (Calidris alba) n/a n/a n/a n/a ves Yes Yes Sanderling (Calidris albina schinzi) n/a n/a n/a n/a n/a ves Yes Yes Quinin (Calidris alpina schinzi) n/a n/a n/a n/a ves Yes Yes Yes Ruff (Pillomaschus pugnax) n/a n/a n/a n/a ves Yes Yes Yes Grey plover (Pluvialis squatarola) n/a n/a n/a n/a ves yes Yes Yes											
Northern lapwing (Vanellus vanellus) n/a n/a n/a n/a n/a ves Ves Ves Ves Ves Ves Red knot (Calidris canutus) n/a n/a n/a n/a n/a n/a ves Ves Ves Ves Ves Sanderling (Calidris alba) n/a n/a n/a n/a n/a n/a ves Ves Ves Ves Ves Sanderling (Calidris alba) n/a n/a n/a n/a n/a ves Ves Ves Ves Ves Sanderling (Calidris alba) n/a n/a n/a n/a n/a ves Ves Ves Ves Ves Sanderling (Calidris alba) n/a n/a n/a n/a n/a ves Ves Ves Ves Ves Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a n/a n/a ves Ves Ves Ves Ves Ves Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a n/a ves V											
Red knot (Calidris canutus) n/a n/a n/a n/a ryes Yes Yes Yes Red knot (Calidris canutus) n/a n/a n/a ryes Yes Yes Yes Sanderling (Calidris albas) n/a n/a n/a Yes Yes Yes Sanderling (Calidris albas) n/a n/a n/a ryes Yes Yes Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a ryes Yes Yes Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a ryes Yes Yes Dunlin (Calidris alpina schinzii) n/a n/a n/a ryes Yes Yes Yes Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a ryes Yes Yes Yes Grey plover (Pluvialis squatarola) n/a n/a n/a n/a n/a n/a n/a n/a yes Yes Yes Yes											
Red knot (Calidris canutus) n/a n/a n/a n/a n/a n/a Yes Yes Yes Yes Sanderling (Calidris albas) n/a n/a n/a Yes Yes Yes Yes Yes Yes Yes Yes Yes Analysis Analysis Yes											
Sanderling (Calidris alba) n/a n/a n/a n/a yes Yes Yes Yes Sanderling (Calidris alba) n/a n/a n/a n/a n/a n/a yes Yes Yes Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a yes Yes Yes Yes Ruff (Philomachus pugnax) n/a n/a n/a n/a n/a n/a n/a yes Yes Yes Waterfowl assemblage n/a n/a n/a n/a n/a n/a yes Yes </td <td></td>											
Sanderling (Calidris alba) n/a n/a n/a n/a res Yes Yes Yes Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a res Yes Yes Yes Gurli (Cididris alpina schinzii) n/a n/a n/a n/a n/a res Yes Yes Gurli (Cididris alpina schinzii) n/a n/a n/a n/a n/a res Yes Yes Gurli (Cididris alpina schinzii) n/a n/a n/a n/a n/a n/a Yes Y	· · · · · · · · · · · · · · · · · · ·										
Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a n/a yes Yes Yes Dunlin (Calidris alpina schinzii) n/a n/a n/a n/a n/a n/a yes Yes Yes Ruff (Philomachus pugnax) n/a n/a n/a n/a n/a yes Yes Yes Grey plover (Phivalis squatarola) n/a n/a n/a n/a yes Yes Yes Waterfowl assemblage n/a n/a n/a n/a n/a yes Yes Yes Black-tailed godwit (Limosa limosa islandica) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Black-tailed godwit (Limosa limosa islandica) n/a n/a n/a n/a yes											
Ruff (Philomachus pugnax) n/a n/a n/a n/a n/a n/a n/a n/	Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola) n/a n/a n/a n/a yes Yes Yes Yes Waterfowl assemblage n/a n/a n/a n/a yes Yes Yes Black-tailed godwit (Limosa limosa islandica) n/a n/a n/a n/a yes Yes Yes Black-tailed godwit (Limosa lapponica) n/a n/a n/a n/a yes Yes Yes Bar-tailed godwit (Limosa lapponica) n/a n/a n/a n/a yes Yes Yes Bar-tailed godwit (Limosa lapponica) n/a n/a n/a n/a yes Yes Yes Bar-tailed godwit (Limosa lapponica) n/a n/a n/a yes Yes Yes Yes Bar-tailed godwit (Limosa lapponica) n/a n/a n/a yes Yes Yes Yes Bar-tailed godwit (Limosa lapponica) n/a n/a n/a yes Yes Yes Yes Eurasian curlew (Numenius arq	Dunlin (Calidris alpina schinzii)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Waterfowl assemblage n/a n/a n/a n/a n/a n/a yes yes yes yes Black-tailed godwit (Limosa limosa islandica) n/a n/a n/a n/a n/a n/a yes yes yes yes Black-tailed godwit (Limosa limosa islandica) n/a n/a n/a n/a n/a yes yes yes yes Bar-tailed godwit (Limosa lapponica) n/a n/a n/a n/a n/a yes yes yes yes Whimbrel (Numenius phaeopus) n/a n/a n/a n/a n/a n/a yes yes yes yes Eurasian curlew (Numenius arquata) n/a n/a n/a n/a n/a n/a yes yes yes yes Common redshank (Tringa totanus) n/a n/a n/a n/a n/a n/a yes yes yes yes Common greenshank (Tringa nebularia) n/a n/a n/a n/a n/a yes yes yes yes Ruddy turnstone (Arenaria interpres) n/a n/a n/a n/a n/a n/a n/a yes yes yes yes Light-bellied brent goose (Branta bernica hrota) n/a n/a n/a n/a n/a n/a n/a n/a yes yes yes yes Common shelduck (Tadorna tadorna) n/a n/a n/a n/a n/a n/a n/a n/a yes yes yes yes	Ruff (Philomachus pugnax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica) n/a n/a n/a n/a n/a n/a n/a n	Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Black-tailed godwit (Limosa limosa islandica) n/a n/a n/a n/a n/a n/a n/a n	Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Bar-tailed godwit (Limosa lapponica) n/a n/a n/a n/a n/a n/a yes yes yes yes yes yes yes ye	Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Whimbrel (Numenius phaeopus) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Eurasian curlew (Numenius arquata) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Yes Yes	Black-tailed godwit (Limosa limosa islandica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian curlew (Numenius arquata) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Common redshank (Tringa totanus) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Yes Yes	Bar-tailed godwit (Limosa lapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Common redshank (Tringa totanus) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Yes Yes	Whimbrel (Numenius phaeopus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common redshank (Tringa totanus) n/a n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Common greenshank (Tringa nebularia) n/a n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Yes Yes	Eurasian curlew (Numenius arquata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common greenshank (Tringa nebularia) n/a n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Little tern (Sterna albifrons) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Yes Yes	Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ruddy turnstone (Arenaria interpres) n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Little tern (Sterna albifrons) n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Common shelduck (Tadorna tadorna) n/a n/a n/a n/a n/a n/a yes Yes Yes Yes Yes Yes	Common redshank (Tringa totanus)		n/a	n/a	n/a	n/a	Yes	Yes		Yes	
Little tern (Sterna albifrons) n/a n/a n/a n/a n/a yes Yes Yes Yes Light-bellied brent goose (Branta bernicla hrota) n/a n/a n/a n/a yes Yes Yes Yes Yes Yes Yes Yes	Common greenshank (Tringa nebularia)			n/a	n/a	n/a					
Light-bellied brent goose (Branta bernicla hrota) n/a n/a n/a n/a Yes Yes Yes Yes Common shelduck (Tadorna tadorna) n/a n/a n/a n/a Yes Yes Yes Yes				n/a	n/a	n/a					
Common shelduck (Tadorna tadorna) n/a n/a n/a Yes Yes Yes Yes				n/a	n/a	n/a					
European golden plover (Pluvialis apricaria) n/a n/a n/a n/a Yes Yes Yes											
	European golden plover (Pluvialis apricaria)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

present within the Licence Block or	Is Euro. site		Cari Sta	ige A, B, C C	r D activitie	es be carried	i out withou	Notes		
9	within block?	If ac	ctivity is withi	in European	site?	If act	ivity is outsid			
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Eurasian marsh harrier (Circus aeruginosus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common goldeneye (Bucephala clangula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian oystercatcher (Haematopus ostralegus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Pied avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian wigeon (Anas penelope)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Eurasian teal (Anas crecca)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Common pochard (Aythya ferina)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Pied avocet (Recurvirostra avosetta)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ringed plover (Charadrius hiaticula)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Hen harrier (Circus cyaneus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Gibraltar Point SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and I
Little tern (Sterna albifrons)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Bar-tailed godwit (Limosa lapponica)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Sanderling (Calidris alba)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Grey plover (Pluvialis squatarola)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
The Wash and North Norfolk Coast SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and I activities undertaken at depth (so that effects do not register at surface) are not considered
Sandbanks which are slightly covered by sea water		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice propose
all the time Mudflats and sandflats not covered by seawater at		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
ow tide										
Coastal lagoons		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Large shallow inlets and bays		n/a	n/a	n/a ,	n/a	Yes	Yes	Yes	Yes	
Reefs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Salicornia and other annuals colonizing mud and sand		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Atlantic salt meadows (Glauco-Puccinellietalia		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
maritimae) Mediterranean and thermo-Atlantic halophilous		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
scrubs (Sarcocornetea fruticosi)			,	,	,	.,	.,	.,	.,	
Otter (Lutra lutra)		n/a	n/a	n/a ,	n/a	Yes	Yes	Yes	Yes	
Common seal (Phoca vitulina)	N	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is extended the linears block area flow from the block have done. Change A. D. C. and I
Saltfleetby–Theddlethorpe Dunes and Gibraltar Point SAC	NO									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and I activities undertaken at depth (so that effects do not register at surface) are not considered
Embryonic shifting dunes		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Shifting dunes along the shoreline with Ammophila arenaria ("white dunes")		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the needles section (above) should be noted.
Fixed coastal dunes with herbaceous vegetation		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
("grey dunes") Dunes with Hippopha•rhamnoides		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Humid dune slacks		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: TQ34d											
Granting of licence propose	d?: Yes										
Conditions proposed for the	licence										
No conditions proposed.											
Advice proposed with the lic	ence										
The following advice is given:											
	ar site designat	ed for its bird	populations	s, is therefor	e considered	d to be of a p	otentially se	nsitive nature	e (due to its	aries, and so could be vulnerable to activities occurring outside the designated sites proximity to the European site) such that mitigation and/or alternative siting may Ashdown Forest SPA.	
 Some of European site interest features (e.g of a European site supporting noise or vibratic considering HRA issues for specific project-le 	n sensitive feat	ures is consid	lered to be	of a potentia	ally sensitive	nature (due	to its proxim	ity to the Eur	opean site) :	e A activities (as well as Stage B, C and D activities). Land within approximately 1) such that mitigation and/or alternative siting may be required by authorities further orest SPA.	lkm er
- More detailed information relating to designa	ted sites taken i	into account i	n this asses	ssment can b	be viewed by	accessing t	he following	link: http://jnd	cc.defra.gov	v.uk/page-4	
- The location of the block and the relevant Eu	ropean sites are	e illustrated o	n the corre	esponding ma	ap in Append	ix E.					
Assessment of Effects on Relevant European Sites											
Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	If acti		in European : Stage C				It AEOI? de European Stage C	site? Stage D	Notes	

Designated Sites and Interest Features (present within the Licence Block or	Is Euro. site within			·	or D activitie			Notes		
within 10km)	block?	If activity is within European site?				If act	ivity is outsid	de European	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Ashdown Forest SPA	No		•	•	•	•	•	•		This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and I
European nightjar (Caprimulgus europaeus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed
Dartford warbler (Sylvia undata)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	with the licence' section (above) should be noted.
Ashdown Forest SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and I
Northern Atlantic wet heaths with Erica tetralix		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
European dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Great crested newt (Triturus cristatus)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	,