### **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)	ls Euro. site		Can Stage	e A, B, C o	D activitie	s be carrie	ed out witho		Notes	
Within the Licence Block of Within Tokin)	within block?	If acti	vity is withi	n European	site?	If activ	vity is outsia	le Europea	n site?	
	DIOCK?	Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
This column lists the European sites that are	Yes or No						ove question			The notes provide a summary of the overall assessment for each
within, or within 10km of, the licence block and		C or D act	ivities be	carried ou	t without	AEOI?" fo	r each inte	rest featu	ıre in	European site (based on its interest features and location relative
the interest features of those sites.		each Euro	pean site	, and for e	ach type o	of activity	(A, B, C, D)	. It also a	ssesses	to the licence block) and provides guidance on the conditions that
		the impac	ct of activ	ty on the	European	site based	on the lo	cation of t	the	are recommended as a result.
For Ramsar sites, the designation Criteria that the	2	activity –	i.e. wheth	ner it is ins	ide or out	side the E	uropean si	te. In all i	nstances,	
site meets are summarised (so, for example, an		Stage B, C	and D ac	tivities wi	:hin a Euro	pean site	are not co	nsidered	to be	
estuarine site designated for its overwintering		activities	that can b	e carried	out witho	ut AEOI. Ir	n some inst	ances, de	epending	
bird populations might meet Criterion 5		on the int	erest feat	ures of th	e site in q	uestion, St	tage A acti	vities with	nin a	
('regularly supports 20,000 or more waterbirds')		European	site are a	lso not co	nsidered t	o be activ	ities that c	an be car	ried out	
and Criterion 6 ('regularly supports 1% of the		without A	EOI. Outs	ide of a Eu	ıropean si	te, at this	strategic p	lan level,	it is our	
individuals in a population of one		conclusio	n that all	of Stage A	B, C and	D activitie	s can be ca	rried out	without	
species/subspecies of waterbirds')), but the		AEOI.								
specific details of the citation are not noted.										
These are available from										
http://jncc.defra.gov.uk/page-4 if required.										

icence block: SO50										
<b>Granting of licence proposed?</b>	: 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 th	is block				
stage A, B, C and B activities will be prombited at	of flear to the sui	nace within the t	boundanes	or all Europe	can sites in th	is block.				
Advice proposed with the licer	nce									
Tavido proposoa mini mo noci										
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	n 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 of	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	nsitive 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	otential 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
ne 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 E	European site)	such that mit	tigation and/o	nd so could be vulnerable to activities occurring outside the designated site itself. Land with /or alternative siting may be required by authorities further considering HRA issues for speci Dean Bat Sites/ Safleoedd Ystlumod Dyffryn Gwy a Fforest y Ddena SAC.
	considered to be	of a potentially s	sensitive nat	ture (due to	its proximity to	the Europea	n site) such th	at 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	sessment c	can be viewe	d by accessin	g the followin	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	vity 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	out without	AEOI?		Notes				
(present within the Licence Block or within	within block?	If a	ctivity is with	in European s	site?	lf a	ctivity is outsid	de Furonean	site?	-				
10km)		""	ictivity is with	iii Luiopeaii s	one:		cuvity is outsit	ie Luiopean .	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, but less than 1km from the block boundary. Stage A, B, C and D				
Criterion 3 - supports populations of plant/animal species		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'				
important for maintaining regional biodiversity		,	,	,		.,	.,	.,	.,	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					
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 effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at				
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		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				
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	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 or near the surface', the following should be noted:				
Asperulo-Fagetum beech forests		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				
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 licence' section (above) should be noted.				
Lesser horseshoe bat (Rhinolophus hipposideros)		No	No	No	No	Yes	Yes	Yes	Yes	indiana design, (accret, sindia de nota.				

	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	
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 are
Sandbanks which are slightly covered by sea water all he 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 i result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licen 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 ide		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)	1	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 effects do not register at surface) are not considered likely to result in AEOI. With regard to activiti
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, B, 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 profibited at	or near to the sur	race within the	boundaries	or all Europea	an sites in thi	S DIOCK.				
Advice proposed with the licen	100									
duvice 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 fu						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	lered 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	re (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 sit	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
e 10km of an SAC designated for its bat populati	ions is considered	d to be of a pot	entially 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 ir 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 a	count in this a	ssessment o	an 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	ı man in Anne	endix F			· ·		
	Jan 51,00 a. 5a5		ooopoag	,						
Assessment of Effects on										
Relevant European Sites										
Designated Sites and Interest Features Designated Sites and Interest Features Designated Sites and Interest Features	Is Euro. site within block?					es be carried o				Notes
0km)		If ac	tivity is withir	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														
<b>9</b>	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?	lf a	ctivity is outsi	de European s	site?					
Toking														
		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		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				
important for maintaining regional biodiversity 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.				
official of Togalary Supports 20,000 of filero waterbilds		11/4	1114	1174	100	100	100	100	100					
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 effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at				
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation		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				
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	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.				

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	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	
evern Estuary/Môr Hafren SAC	No					1				This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and
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 res AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' s (above) should be noted.
stuaries		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
ludflats and sandflats not covered by seawater at low de		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	
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	
iver 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 dep effects do not register at surface) are not considered likely to result in AEOI. With regard to a
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 re
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 wit licence' section (above) should be noted.

Licence block: SO60a							
Granting of licence proposed?	· Yes						
Granting of mornes proposed:	. 100						
Conditions proposed for the lic	cence						
Stage A, B, C and D activities will be prohibited at	or near to the su	rface within the boundaries	of all European sites in th	is 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	nsidered to be of a	a potentially	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 s	site) such the	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 Common SPA, Severn Estuary SPA.
	onsidered to be o	f a potentially sensitive natu	re (due to its potential cor	nnectivity to a European	site) such that miti		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	al connectivity to a Europea					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 watero	ourse to that site, is conside	red to be of a potentially	sensitive nature (due to	ts potential to be u		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
the 10km of an SAC designated for its bat populati	ions is considere	d to be of a potentially sens	itive nature (due to its pro	ximity to the European s	ite) such that mitig	gation and/or	so could be vulnerable to activities occurring outside the designated site itself. Land within alternative siting may be required by authorities further considering HRA issues for specific an Bat Sites/ Safleoedd Ystlumod Dyffryn Gwy a Fforest y Ddena SAC.
supporting noise or vibration sensitive features is of	considered to be	of a potentially sensitive na	ture (due to its proximity to	the European site) suc	h 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 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 of	an 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	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 activiti	es be carried out witho	ut AEOI?		Notes
(present within the Licence Block or within 10km)	within block?	If activity is withir			tside European sit	ite?	
,		Stage A Stage B	Stage C Stage D	Stage A Stage		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 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	
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 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
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	<ul> <li>for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.</li> </ul>
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:
		No	No	No	No	Yes	Yes	Yes	Yes	<ul> <li>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).</li> </ul>
undra swan (Cygnus columbianus bewickii)										- for activities occurring outside the boundary of the European site, the 'Advice proposed with the
adwall (Anas strepera)		No	No	No	No	Yes	Yes	Yes	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	Yes	Yes	Yes	Yes	
common shelduck (Tadorna tadorna)		No	No	No	No	Yes	Yes	Yes	Yes	
iver Wye/ Afon Gwy SAC //ater courses of plain to montane levels with the canunculion 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' sectio (above) should be noted.
ransition mires and quaking bogs		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
nite-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	
		-1-	1	-1-	- 1-		V	V	V	
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	

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	within block?	If a	ctivity is with	in European s	ito?	l If a	ctivity is outsi	de Euronean	sito?	
10km)			ictivity is with	iii Lui opeaii s	ite:	II a	ictivity is outsi	ie Luiopean	site:	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Wye Valley Woodlands/ Coetiroedd Dyffryn Gwy 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
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									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	<ul> <li>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).</li> </ul>
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	- 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 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 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?		Call	Stage A, B, C	OI D'activiti	es de carried	out without	AEUI?	
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
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		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)	Within block?	If a	activity is with	in European s	site?	If a	activity is outs	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 undertaken at depth (so that effects do not register at surface) are not considered likely to re:		
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	under laker 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.		
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:		
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 resul		
Fundra swan (Cygnus columbianus bewickii)		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		
Gadwall (Anas strepera)		No	No	No	No	Yes	Yes	Yes	Yes	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		
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:		
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	<ul> <li>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).</li> </ul>		
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			
rwaite 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 activi 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' sectio		
Greater horseshoe bat (Rhinolophus ferrumequinum)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.		

Licence block: SO61													
Granting of licence proposed?	. Voo												
Granting of licence proposed?	. 165												
Conditions proposed for the lie	20000												
Conditions proposed for the lice	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	an sites in this	s block							
	51 116di 15 ti16 6di		0 00000	o. aa.opoc	0.1.00 1	2.00111							
Additional and the line is													
Advice proposed with the licen	ice												
The following advice is given:													
<ul> <li>This block has European sites within it, or within alternative siting may be required by authorities fu</li> </ul>						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 E										at mitigation and/or alternative siting may be required by authorities further considering HRA Common SPA, Severn Estuary SPA.			
Coastal or marino habitat features could be vulne	erable to any cha	nace in coasts	al processes t	hat occur due	to activities	occurring alon	a the coastlin	o Land locat	tod 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	ure (due to its	potential con	nectivity to a l	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	near this block	are Severn E	Estuary Rams	ar, 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 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 ters, 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 positive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further on sidering HRA issues for specific project-level operations. The European sites potentially vulnerable 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 bloo	ck are River W	/ye/ Afon 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 noter	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 a	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 o	an be viewed	by accessing	the following	ı link: http://jne	cc.defra.gov.u	uk/page-4				
- The location of the block and the relevant Europe	an citae are illue	trated on the o	corresponding	, man in Anne	ndiv E				, ,				
The location of the block and the relevant Europe	an sites are illus	mateu on me t	corresponding	у шар ш дрре	TIQIX L.								
Assessment of Effects on													
Relevant European Sites	l. =									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	tivity is outsid	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	activity is with	in European s	ite?	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				
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 (About) hour			
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	ı	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) should 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	II/a	II/a	II/a	II/a	165	165	165	165	This site is present within the license block. Stage A. R. C. and D. activities undertaken at depth (so that			
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitricho-Batrachion vegetation	res	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			
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 Yos	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
(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?	
Tokiny										
		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	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
Taxus baccata woods of the British Isles		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	
Severn Estuary/Môr Hafren SAC	No			1110	100		100		.00	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).
										<ul> <li>for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.</li> </ul>

Licence block: ST04										
Granting of licence proposed?	: Yes									
Conditions proposed for the lic	ence									
No conditions proposed.										
Advice proposed with the licen	ice									
The following advice is given:										
<ul> <li>In some instances, bird species that are associat of an SPA, or a Ramsar site designated for its bird issues for specific project-level operations. The End</li> </ul>	ed with SPAs and populations, is the uropean sites por	I some Ramsa nerefore considentially vulner	ar sites may r dered to be o able in or ne	rely on non-de of a potentially ar this block a	signated hab sensitive nature Severn Es	oitats beyond t ture (due to its stuary Ramsai	the European s proximity to r, Severn Estu	site boundarion the European ary SPA.	es, and so co site) such th	ould be vulnerable to activities occurring outside the designated site itself. Land within 10km nat mitigation and/or alternative siting may be required by authorities further considering HRA
<ul> <li>Coastal or marine habitat features could be vulne European site with coastal habitats, is therefore co specific project-level operations. The European sit</li> </ul>	rable to any char unsidered to be of es potentially vul	nges in coasta f a potentially s nerable in or r	I processes t sensitive naturear this block	hat occur due ure (due to its k are Severn I	to activities of potential con Estuary Ram	occurring alon inectivity to a sar, Severn E	ng the coastlin European site stuary/Môr Ha	e. Land locate) such that mufren SAC.	ted along the itigation and/	e 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
<ul> <li>Otters (Lutra lutra) travel along rivers and their tri otters, and which is also within 200 metres of a co- considering HRA issues for specific project-level o</li> </ul>	butaries, and occ ntributory wateror perations. The E	asionally use ourse to that s uropean sites	semi-natural ite, is conside potentially vu	habitats beyo ered to be of a ulnerable in or	nd the riparia a potentially s near this blo	an corridor, an sensitive natur ock are Exmoo	nd so could be re (due to its p or and Quanto	vulnerable to otential to be ck Oakwoods	activities occursed by otter SAC.	occurring outside the designated site itself. Land that is within 10km of a site supporting ers) such that mitigation and/or alternative siting may be required by authorities further
<ul> <li>Bat species usually rely on non-designated habit the 10km of an SAC designated for its bat populati project-level operations. The European sites poter</li> </ul>							ilometres beyo iuropean site)	and their core such that miti	habitat), and igation 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
<ul> <li>Some of European site interest features (e.g. bird supporting noise or vibration sensitive features is of level operations. The European sites with features</li> </ul>	Is species; fish; n considered to be potentially vulne	narine mamma of a potentially rable to this in	als) are poter / sensitive na I or near this	ntially sensitive ature (due to it block are Sev	e to noise or one services to noise or one services to noise or one services o	vibration effect the Europea Ramsar, Seve	ots associated n site) such the rn Estuary SF	with Stage A at mitigation a 'A, Severn Es	activities (as and/or alterna tuary/Môr Ha	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 afren SAC.
- More detailed information relating to designated	sites taken into a	ccount in this	assessment o	can be viewed	by accessin	ig 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 illust	trated on the c	orrespondinç	g map in Appe	indix E.					
Assessment of Effects on										
Relevant European Sites  Designated Sites and Interest Features										
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)	Within Block!	If ac	ctivity is within	in European sit	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	
Carrama Fatricani Banasan	Na	$\overline{}$		-	_					This site is suitaide the license block around him from the block bounders. Class A. D. Court D. and Mark

<b>-</b>	Is Euro. site within block?		Can	Stage A, B, C	or D activitie	es be carried	d out without	AEOI?		Notes
10km)		If a	ctivity 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	
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 (About) house
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	

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?	lf 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	tage A Stage B Stage	Stage C	Stage D	
Severn Estuary SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities
Ounlin (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
Vaterfowl 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	
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	
reater 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 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' section
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	
leefs		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	
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	
waite shad (Alosa fallax)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Exmoor Heaths SAC	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activit
/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 in
orthern Atlantic wet heaths with Erica tetralix		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.
uropean dry heaths		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
lanket bogs (priority feature if active bog)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	
Ikaline 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	
xmoor and Quantock Oakwoods 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 ritish 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 (as a surface) and the surface of the s
luvial forests with Alnus glutinosa and Fraxinus celsior (Alno-Padion, Alnion incanae, Salicion albae)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	(above) should be noted.
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	
tter (Lutra lutra)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	

Licence block: ST14										
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 I	boundaries o	of all Europear	n sites in this	s block.				
Advice proposed with the licen	се									
The following advice is given:										
This block has European sites within it, or within alternative siting may be required by authorities fur						of a Europear	n 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 conside	ered to be of	a potentially s	sensitive nati	ure (due to its	proximity to t	the 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
	nsidered to be of	f a potentially se	ensitive natur	re (due to its p	otential con	nectivity to a l	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
	ntributory waterco	ourse to that site	e, is consider	red to be of a	potentially se	ensitive natur	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
	ons is considere	d to be of a pote	entially sensit	tive nature (du	ue to its prox	imity 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 s	sensitive natu	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 fren SAC.
- More detailed information relating to designated s	sites taken into a	ccount in this as	ssessment ca	an be viewed b	by accessing	g the following	g link: http://jne	cc.defra.gov.u	uk/page-4	
- The location of the block and the relevant Europe	an sites are illus	trated on the co	rresponding	map in Appen	dix 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 Sta	age A, B, C o	r D activitie	s be carried	out without A	AEOI?		Notes
10km)		If acti	ivity is within	European site	?	If ac	ctivity is outsid	le European :	site?	
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	

iro. site in block?	If a		in European s			ctivity is outside		site?	Notes
Y					ır a	ctivity is outsic	ae European s	site?	
Y	Stage A	Stage B	Stage C	Stage D					
Y				Stage D	Stage A	Stage B	Stage C	Stage D	
Y			•	•	•	<u>'</u>			This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that
	'es	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
N	lo	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
Y	'es	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
Y	'es	No	No	No	Yes	Yes	Yes	Yes	
N	lo	No	No	No	Yes	Yes	Yes	Yes	
Y	'es	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
N	lo	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:
N	lo	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
N	lo	No	No	No	Yes	Yes	Yes	Yes	AEOI – see 'Conditions proposed for the licence' (above).
N	lo	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.
N	lo	No	No	No	Yes	Yes	Yes	Yes	notice deciren (above) should be noted.
N	lo	No	No	No	Yes	Yes	Yes	Yes	
N	lo	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
Y	'es	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:
Y	'es	No	No	No	Yes	Yes	Yes	Yes	<ul> <li>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).</li> </ul>
Y	'es	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.
Y	'es	No	No	No	Yes	Yes	Yes	Yes	
Y	'es	No	No	No	Yes	Yes	Yes	Yes	
N	lo	No	No	No	Yes	Yes	Yes	Yes	
N	lo	No	No	No	Yes	Yes	Yes	Yes	
N	lo	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
Y	'es	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
Y	'es	No	No	No	Yes	Yes	Yes	Yes	<ul> <li>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).</li> <li>for activities occurring outside the boundary of the European site, the 'Advice proposed with the</li> </ul>
N	lo	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
N	lo	No	No	No	Yes	Yes	Yes	Yes	
Y	'es	No	No	No	Yes	Yes	Yes	Yes	
	Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y	No No No No No No No No No Yes Yes Yes Yes Yes Yes Yes No	No         No           Yes         No           No         No           No         No           No         No           No         No           No         No           No         No           Yes         No           Yes         No           Yes         No           No         No           No         No           No         No           Yes         No           No         No	No         No         No           Yes         No         No           No         No         No           Yes         No         No           Yes         No         No           Yes         No         No           No         No         No </td <td>No         No         No         No           Yes         No         No         No           No         No         No         No           Yes         No         No         No           Yes         No         No         No           Yes         No         No         No        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   No         Yes         Yes         Yes           Yes         No         No         No         Yes         Yes         Yes           Yes         No         No         No	Yes         No         No         No         Yes         Yes         Yes         Yes           No         No         No         No         Yes         Yes         Yes         Yes           Yes         No         No         No         No         Yes         Yes         Yes           No         No         No         No         Yes         Yes         Yes         Yes           Yes         No         No         No         Yes         Yes         Yes         Yes           Yes

Licence block: ST24	
Granting of licence proposed?: Ye	
oraning or morney proposed in	
Conditions proposed for the licen	ce
Stage A, B, C and D activities will be prohibited at or ne	ar to the surface within the boundaries of all European sites in this block.
Advice proposed with the licence	
The following advice is given:	
	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 considering HRA issues for specific project-level operations.
of an SPA, or a Ramsar site designated for its bird population	ith 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 ulations, 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 can sites potentially vulnerable in or near this block are Severn Estuary Ramsar, Somerset Levels & Moors Ramsar, Somerset Levels and Moors SPA, Severn Estuary SPA.
European site with coastal habitats, is therefore consider	e 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 greed 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 otentially vulnerable in or near this block are Severn Estuary Ramsar, Severn Estuary/Môr Hafren SAC.
otters, and which is also within 200 metres of a contribu	ries, 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 utory 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 ions. The European sites potentially vulnerable in or near this block are Exmoor and Quantock Oakwoods SAC.
the 10km of an SAC designated for its bat populations i	eyond 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 s 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 vulnerable in or near this block are Exmoor and Quantock Oakwoods SAC, Mendip Limestone Grasslands SAC.
supporting noise or vibration sensitive features is consid	ecies; 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 dered 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 ntially 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 si	ites are illustrated on the corresponding map in Appendix E.
Assessment of Effects on Relevant European Sites	
Designated Sites and Interest Features Is E	uro. site Can Stage A, B, C or D activities be carried out without AEOI? Notes
(present within the Licence Block or within with 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

•	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	
Severn Estuary Ramsar	Yes					1	-		<u> </u>	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 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 copulation 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) stitulia de fitolea.
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 activitie
Fundra 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	
Naterfowl 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:
Naterfowl 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 the
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	
Fwaite 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?			• , ,		es be carried				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>					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 holed.
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 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	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	Is Euro. site		Can	Stage A. B. C	or D activitie	es be carried	out without	AEOI?		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>			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) should be holed.
Criterion 6 - regularly supports 1% of the individuals in a oppulation 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	
Waterfowl assemblage		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This are the second of the first of the second of the seco
· ·	Yes	No	No	No	No	Voo	Voo	Voc	Voo	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	No No	No No	Yes Yes	Yes Yes	Yes Yes	Yes Yes	or near the surface', the following should be noted:
Vaterfowl assemblage Fundra swan (Cygnus columbianus bewickii)		No	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).
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 the
Sandbanks which are slightly covered by sea water all he time	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 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).
fludflats and sandflats not covered by seawater at low de		Yes	No	No	No	Yes	Yes	Yes	Yes	<ul> <li>for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.</li> </ul>
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	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
North Somerset and Mendip Bats SAC Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important prohid sites)		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	In is 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.
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	
Greater 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 offects do not register at surface) are not considered likely to result in AEOL. With regard to activities
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:
Semi-natural dry grasslands and scrubland facies on alcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	<ul> <li>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).</li> <li>for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.</li> </ul>
caves not open to the public		Yes	No	No	No	Yes	Yes	Yes	Yes	
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										
oraning or moones 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 th	is 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 European site is c	onsidered 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	populations, is th	nerefore considered to be o	f a potentially sensitive na	ture (due to its proximit	y to the European	site) such the	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 natu	ire (due to its potential coi	nnectivity to a Europear	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				
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 a 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 opject-level operations. The European sites potentially vulnerable in or near this block are North Somerset and Mendip Bats SAC, Mendip Limestone Grasslands SAC.											
supporting noise or vibration sensitive features is	considered to be	of a potentially sensitive na	ture (due to its proximity to	o the European site) su	ch that 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 Levels and Moors SPA, Severn Estuary SPA, Severn Estuary/Môr Hafren SAC.				
- More detailed information relating to designated	sites taken into a	ccount in this assessment of	can be viewed by accessir	ng the following link: http	o://jncc.defra.gov.u	uk/page-4					
The location of the block and the relevant Europe	ean sites are illust	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?										
(present within the Licence Block of Within 10km)	Within Diock?	If activity is within	n European site?	If activity is o	utside European s	site?					
		Stage A Stage B	Stage C Stage D	Stage A Stage	B 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
10km)	WIGHT DIOCK?	If a	activity is with	in 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					1				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 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	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so the
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:
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities		Yes	No	No	No	Yes	Yes	Yes	Yes	<ul> <li>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).</li> <li>for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.</li> </ul>
Criterion 6 - regularly supports 1% of the individuals in a opulation of one species/subspecies of waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	ilicence 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
undra 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
orthern lapwing (Vanellus vanellus)		No	No	No	No	Yes	Yes	Yes	Yes	or near the surface', the following should be noted:
curopean golden plover (Pluvialis apricaria)		No	No	No	No	Yes	Yes	Yes	Yes	<ul> <li>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).</li> </ul>
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
Vaterfowl 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 (so
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 activitie
Vaterfowl 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	<ul> <li>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).</li> </ul>
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	
evern Estuary/Môr Hafren SAC	Yes									This site is present within the licence block. Stage A. B. C. and D. activities undertaken at depth (so
andbanks which are slightly covered by sea water all ne time	163	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 effects do not register at surface) are not considered likely to result in AEOI. With regard to act 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
Mudflats and sandflats not covered by seawater at low de		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.
Reefs		Yes	No	No	No	Yes	Yes	Yes	Yes	
stlantic 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	out without	AEOI?		Notes
10km)	With the second	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	
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 i AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' secti (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	AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sectio (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	

Conditions proposed for the licence												
Conditions proposed for the licence  Stage A. B. C. and D. activities will be prohibited at or pear to the surface within the boundaries of all European sites in this block												
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 a alternative siting may be required by authorities further considering HRA issues for specific project-level operations.	d/or											
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 less 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 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 issuespecific 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 a 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 oject-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 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 species of species of 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   Is Euro. site   Can Stage A, B, C or D activities be carried out without AEOI?   Notes												
(present within the Licence 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 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	
Severn Estuary Ramsar	Yes			-		1	-		<u> </u>	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 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 copulation 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 (shows) benefit
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	
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 activitie
Fundra 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 AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' sect
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	
Naterfowl 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:
Naterfowl 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 the
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 activi or near the surface', the following should be noted:
Estuaries		Yes	No	No	No	Yes	Yes	Yes	Yes	<ul> <li>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).</li> </ul>
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	
Fwaite 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 within block?		Can	Stage A, B, (	C or D activiti	ies be carried	out without	AEOI?		Notes
(present within the Licence Block or within 10km)	Within Diock?	If a	activity is with	hin European	pean site?		If activity is outside European site?			1
		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 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
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
Tilio-Acerion forests of slopes, screes and ravines		Yes	No	No	No	Yes	Yes	Yes	Yes	licence' section (above) should be noted.
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 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 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										
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	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				
	populations, is th	erefore considered to be o	f a potentially sensitive na	ture (due to its proximit	to the 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				
	nsidered to be of	a potentially sensitive natu	re (due to its potential cor	nnectivity to a European	site) 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				
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 a 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 oject-level operations. The European sites potentially vulnerable in or near this block are North Somerset and Mendip Bats SAC, Mendip Limestone Grasslands SAC.											
	considered to be o	of a potentially sensitive na	ture (due to its proximity to	the European site) suc	h that 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 fren SAC.				
- More detailed information relating to designated s	sites taken into ac	count in this assessment of	an be viewed by accessin	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 corresponding	map in Appendix E.								
Assessment of Effects on Relevant European Sites											
	Is Euro. site within block?										
10km)		If activity is within	European site?	If activity is o	ıtside European si	ite?					
		Stage A Stage B	Stage C Stage D	Stage A Stage	3 Stage C	Stage D					

Assessment of Effects on										
Relevant European Sites										
J .	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	ite?	If a	activity is outsid	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 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 5 - regularly supports 20,000 or more waterbirds		No	No	No	No	Yes	Yes	Yes	Yes	<ul> <li>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).</li> <li>for activities occurring outside the boundary of the European site, the 'Advice proposed with the</li> </ul>
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 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 '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).
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	ilicerice 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 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	<ul> <li>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).</li> </ul>
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	
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, 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	
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	

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 with	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		•			•			•	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://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 S	Stage A, B, C	or D activitie	es be carried	out without	AEOI?		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	
Salisbury Plain SPA	Yes	•	•	•			•	•	•	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so tha
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)		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 licence' section (above) should be noted.
Stone-curlew (Burhinus oedicnemus)		No	No	No	No	Yes	Yes	Yes	Yes	
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes	
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	

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	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	
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 '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
Desmoulin`s whorl snail (Vertigo moulinsiana)		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
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
Designated Sites and Interest Features

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)		lf .	activity is with	in European s	If activity is outside European site?									
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D					
Salisbury Plain SPA	Yes	•	•	•	•	<u> </u>	•	•	•					
Eurasian hobby (Falco subbuteo)		No	No	No	No	Yes	Yes	Yes	Yes					
Common quail (Coturnix coturnix)		No	No	No	No	Yes	Yes	Yes	Yes					
Stone-curlew (Burhinus oedicnemus)		No	No	No	No	Yes	Yes	Yes	Yes					
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes					
Bath and Bradford-on-Avon Bats SAC	No													
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					
Bechstein`s bat (Myotis bechsteini)		n/a	n/a	n/a	n/a	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.

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.

Assessment of Effects on										
Relevant European Sites										
	Is Euro. site		Can	Stage A, B, C	or D activitie	es be carried	out without	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: - 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.
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	
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	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: 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	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	sensitive 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
	ions is considere	d to be of a pot	tentially sensit	tive nature (du	ue to its prox					I 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	sensitive natu	ure (due to its	proximity to	the Europear	site) such th			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	assessment ca	an be viewed I	by accessing	g the following	link: http://jn	cc.defra.gov.u	ık/page-4	
- The location of the block and the relevant Europe				i- A						
The location of the block and the relevant Europe	an siles are illus	irated on the ot	orresponding	пар пт Арреп	IUIX E.					
Assessment of Effects on Relevant European Sites										
Designated Sites and Interest Features	Is Euro. site		Can St	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	If activity is within 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	out without	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	le European s	site?	
,		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
		Olage A	Olage B	Olage 0	Olage D	Olage A	Olage D	Olage O	Glage B	
Salisbury Plain 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
Eurasian hobby (Falco subbuteo)		No	No	No	No	Yes	Yes		Yes	or near the surface', the following should be noted:
Common quail (Coturnix coturnix)		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
Stone-curlew (Burhinus oedicnemus)		No	No	No	No	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
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes	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		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
grasslands		162	INO	NO	NO	162	res	res	ies	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	<ul> <li>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).</li> <li>for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.</li> </ul>
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' 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	

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	Stage A, B, C	or D activiti	es be carried	out without	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		
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 AEOI – see 'Conditions proposed for the licence' (above).	
Stone-curlew (Burhinus oedicnemus)		No	No	No	No	Yes	Yes	Yes	Yes		
Hen harrier (Circus cyaneus)		No	No	No	No	Yes	Yes	Yes	Yes	<ul> <li>for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.</li> </ul>	
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	<ul> <li>Stage B, C and D activities within the European site boundary are considered likely to result in AEC see 'Conditions proposed for the licence' (above).</li> <li>for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.</li> </ul>	
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	AEOI?		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	