

Key to Proformas

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

Licence block: The unique reference number of the licence block

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

Conditions proposed for the licence

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

Advice proposed with the licence

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

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes
		If activity is within European site?				If activity is outside European site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
<p>This column lists the European sites that are within, or within 10km of, the licence block and the interest features of those sites.</p> <p>For Ramsar sites, the designation Criteria that the site meets are summarised (so, for example, an estuarine site designated for its overwintering bird populations might meet Criterion 5 ('regularly supports 20,000 or more waterbirds') and Criterion 6 ('regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds')), but the specific details of the citation are not noted. These are available from http://jncc.defra.gov.uk/page-4 if required.</p>	Yes or No	<p>These boxes provide a 'yes/no' answer to the above question, "Can Stage A, B, C or D activities be carried out without AEOI?" for each interest feature in each European site, and for each type of activity (A, B, C, D). It also assesses the impact of activity on the European site based on the location of the activity – i.e. whether it is inside or outside the European site. In all instances, Stage B, C and D activities within a European site are not considered to be activities that can be carried out without AEOI. In some instances, depending on the interest features of the site in question, Stage A activities within a European site are also not considered to be activities that can be carried out without AEOI. Outside of a European site, at this strategic plan level, it is our conclusion that all of Stage A, B, C and D activities can be carried out without AEOI.</p>								<p>The notes provide a summary of the overall assessment for each European site (based on its interest features and location relative to the licence block) and provides guidance on the conditions that are recommended as a result.</p>

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
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 activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Criterion 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 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.
Dunlin (<i>Calidris alpina schinzii</i>)	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			
Tundra swan (<i>Cygnus columbianus bewickii</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Gadwall (<i>Anas strepera</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Common redshank (<i>Tringa totanus</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Greater white-fronted goose (<i>Anser albifrons albifrons</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Common shelduck (<i>Tadorna tadorna</i>)	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 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.
Water courses of plain to montane levels with the <i>Ranunculus fluitantis</i> and <i>Callitriche-Batrachion</i> vegetation	Yes	No	No	No	Yes	Yes	Yes	Yes			
Transition mires and quaking bogs	Yes	No	No	No	Yes	Yes	Yes	Yes			
White-clawed (or Atlantic stream) crayfish (<i>Austropotamobius pallipes</i>)	Yes	No	No	No	Yes	Yes	Yes	Yes			
Sea lamprey (<i>Petromyzon marinus</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
Brook lamprey (<i>Lampetra planeri</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
River lamprey (<i>Lampetra fluviatilis</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
Allis shad (<i>Alosa alosa</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
Twait shad (<i>Alosa fallax</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
Atlantic salmon (<i>Salmo salar</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
Bullhead (<i>Cottus gobio</i>)	Yes	No	No	No	Yes	Yes	Yes	Yes			
Otter (<i>Lutra lutra</i>)	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: - 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.
Asperulo-Fagetum beech forests	Yes	No	No	No	Yes	Yes	Yes	Yes			
Tilio-Acerion forests of slopes, screes and ravines	Yes	No	No	No	Yes	Yes	Yes	Yes			
<i>Taxus baccata</i> woods of the British Isles	Yes	No	No	No	Yes	Yes	Yes	Yes			
Lesser horseshoe bat (<i>Rhinolophus hipposideros</i>)	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 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEIOI?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Severn Estuary/Môr Hafren SAC	No										This site is outside the licence block, but less than 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEIOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Sandbanks which are slightly covered by sea water all the time	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Estuaries	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
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 (<i>Glauco-Puccinellietalia maritima</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Sea lamprey (<i>Petromyzon marinus</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
River lamprey (<i>Lampetra fluviatilis</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Twaite shad (<i>Alosa fallax</i>)	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 AEIOI. 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 AEIOI – 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.
Lesser horseshoe bat (<i>Rhinolophus hipposideros</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
Greater horseshoe bat (<i>Rhinolophus ferrumequinum</i>)	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 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Severn Estuary Ramsar	No										
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
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										
Dunlin (<i>Calidris alpina schinzii</i>)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
Waterfowl assemblage	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Tundra swan (<i>Cygnus columbianus bewickii</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Gadwall (<i>Anas strepera</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Common redshank (<i>Tringa totanus</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Greater white-fronted goose (<i>Anser albifrons albifrons</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Common shelduck (<i>Tadorna tadorna</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
River Wye/ Afon Gwy SAC	Yes										
Water courses of plain to montane levels with the <i>Ranunculus fluitantis</i> and <i>Callitriche-Batrachion</i> vegetation	Yes	No	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	
Transition mires and quaking bogs	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
White-clawed (or Atlantic stream) crayfish (<i>Austropotamobius pallipes</i>)	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Sea lamprey (<i>Petromyzon marinus</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Brook lamprey (<i>Lampetra planeri</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
River lamprey (<i>Lampetra fluviatilis</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Allis shad (<i>Alosa alosa</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Twait shad (<i>Alosa fallax</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Atlantic salmon (<i>Salmo salar</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Bullhead (<i>Cottus gobio</i>)	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Otter (<i>Lutra lutra</i>)	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Wye Valley Woodlands/ Coetiroedd Dyffryn Gwy SAC	Yes										
Asperulo-Fagetum beech forests	Yes	No	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	
Tilio-Acerion forests of slopes, screes and ravines	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
<i>Taxus baccata</i> woods of the British Isles	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Lesser horseshoe bat (<i>Rhinolophus hipposideros</i>)	No	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 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOL?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
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 activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Sandbanks which are slightly covered by sea water all the time	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Estuaries	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
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 (<i>Glauco-Puccinellietalia maritima</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Sea lamprey (<i>Petromyzon marinus</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
River lamprey (<i>Lampetra fluviatilis</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Twait shad (<i>Alosa fallax</i>)	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 AEOL. 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 AEOL – 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.
Lesser horseshoe bat (<i>Rhinolophus hipposideros</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
Greater horseshoe bat (<i>Rhinolophus ferrumequinum</i>)	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 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOL?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Severn Estuary Ramsar	Yes										
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity	Yes	No	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. 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 AEOL – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	
Criterion 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			
Walmore Common Ramsar	No										
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
Walmore Common SPA	No										
Tundra swan (<i>Cygnus columbianus bewickii</i>)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
Severn Estuary SPA	Yes										
Dunlin (<i>Calidris alpina schinzii</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. 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 AEOL – 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.	
Waterfowl assemblage	No	No	No	No	No	Yes	Yes	Yes	Yes		
Tundra swan (<i>Cygnus columbianus bewickii</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Gadwall (<i>Anas strepera</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Common redshank (<i>Tringa totanus</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Greater white-fronted goose (<i>Anser albifrons albifrons</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Common shelduck (<i>Tadorna tadorna</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
River Wye/ Afon Gwy SAC	No										
Water courses of plain to montane levels with the <i>Ranunculus fluitans</i> and <i>Callitriche-Batrachion</i> vegetation	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
Transition mires and quaking bogs	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
White-clawed (or Atlantic stream) crayfish (<i>Austropotamobius pallipes</i>)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Sea lamprey (<i>Petromyzon marinus</i>)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Brook lamprey (<i>Lampetra planeri</i>)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
River lamprey (<i>Lampetra fluviatilis</i>)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Allis shad (<i>Alosa alosa</i>)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Twaite shad (<i>Alosa fallax</i>)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Atlantic salmon (<i>Salmo salar</i>)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Bullhead (<i>Cottus gobio</i>)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Otter (<i>Lutra lutra</i>)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		

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		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		
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 undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Asperulo-Fagetum beech forests	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Tilio-Acerion forests of slopes, screes and ravines	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Taxus baccata woods of the British Isles	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Lesser horseshoe bat (Rhinolophus hipposideros)	n/a	n/a	n/a	n/a	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 effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Sandbanks which are slightly covered by sea water all the time	Yes	No	No	No	Yes	Yes	Yes	Yes			
Estuaries	Yes	No	No	No	Yes	Yes	Yes	Yes			
Mudflats and sandflats not covered by seawater at low tide	Yes	No	No	No	Yes	Yes	Yes	Yes			
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			
Twait 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 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.
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			

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 Ystumod Dyffryn Gwy a Fforest y Ddena SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project level operations. The European sites with features potentially vulnerable to this in or near this block are Severn Estuary Ramsar, Walmore Common Ramsar, Walmore Common SPA, Severn Estuary SPA, Severn Estuary/Môr Hafren SAC.
- 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 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes
		If activity is within European site?				If activity is outside European site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Severn Estuary Ramsar	Yes									This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity	Yes	No	No	No	Yes	Yes	Yes	Yes		
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		

Assessment of Effects on Relevant European Sites

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

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOL?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Severn Estuary Ramsar	No										This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
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			
Walmore Common Ramsar	No										This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Walmore Common SPA	No										This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Tundra swan (<i>Cygnus columbianus bewickii</i>)	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 undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Dunlin (<i>Calidris alpina schinzii</i>)	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			
Tundra swan (<i>Cygnus columbianus bewickii</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Gadwall (<i>Anas strepera</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Common redshank (<i>Tringa totanus</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Greater white-fronted goose (<i>Anser albifrons albifrons</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Common shelduck (<i>Tadorna tadorna</i>)	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 AEOL. 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 AEOL – 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.
Water courses of plain to montane levels with the <i>Ranunculus fluitantis</i> and <i>Callitriche-Batrachion</i> vegetation	Yes	No	No	No	Yes	Yes	Yes	Yes			
Transition mires and quaking bogs	Yes	No	No	No	Yes	Yes	Yes	Yes			
White-clawed (or Atlantic stream) crayfish (<i>Austroptamobius pallipes</i>)	Yes	No	No	No	Yes	Yes	Yes	Yes			
Sea lamprey (<i>Petromyzon marinus</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
Brook lamprey (<i>Lampetra planeri</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
River lamprey (<i>Lampetra fluviatilis</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
Allis shad (<i>Alosa alosa</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
Twait shad (<i>Alosa fallax</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
Atlantic salmon (<i>Salmo salar</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
Bullhead (<i>Cottus gobio</i>)	Yes	No	No	No	Yes	Yes	Yes	Yes			
Otter (<i>Lutra lutra</i>)	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 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
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 undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Asperulo-Fagetum beech forests	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Tilio-Acerion forests of slopes, screes and ravines	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Taxus baccata woods of the British Isles	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Lesser horseshoe bat (Rhinolophus hipposideros)	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 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.
Sandbanks which are slightly covered by sea water all the time	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Estuaries	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
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			
Twait 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 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.
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			

Licence block: ST04
Granting of licence proposed?: Yes

Conditions proposed for the licence

No conditions proposed.

Advice proposed with the licence

The following advice is given:

- In some instances, bird species that are associated with SPAs and some Ramsar sites may rely on non-designated habitats beyond the European site boundaries, and so could be vulnerable to activities occurring outside the designated site itself. Land within 10km of an SPA, or a Ramsar site designated for its bird populations, is therefore considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Severn Estuary Ramsar, 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.
- Otters (*Lutra lutra*) travel along rivers and their tributaries, and occasionally use semi-natural habitats beyond the riparian corridor, and so could be vulnerable to activities occurring outside the designated site itself. Land that is within 10km of a site supporting otters, and which is also within 200 metres of a contributory watercourse to that site, is considered to be of a potentially sensitive nature (due to its potential to be used by otters) such that mitigation and/or alternative siting may be required by authorities further considering HRA issues for specific project-level operations. The European sites potentially vulnerable in or near this block are Exmoor and Quantock Oakwoods 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 Exmoor and Quantock Oakwoods SAC.
- Some of European site interest features (e.g. birds species; fish; marine mammals) are potentially sensitive to noise or vibration effects associated with Stage A activities (as well as Stage B, C and D activities). Land within approximately 1km of a European site supporting noise or vibration sensitive features is considered to be of a potentially sensitive nature (due to its proximity to the European site) such that mitigation and/or alternative siting may be required by authorities 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, 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 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes
		If activity is within European site?				If activity is outside European site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Severn Estuary Ramsar	No									
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		This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
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		

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes
		If activity is within European site?				If activity is outside European site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Severn Estuary SPA	No									This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Dunlin (<i>Calidris alpina schinzii</i>)	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		
Tundra swan (<i>Cygnus columbianus bewickii</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Gadwall (<i>Anas strepera</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Common redshank (<i>Tringa totanus</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Greater white-fronted goose (<i>Anser albifrons albifrons</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Common shelduck (<i>Tadorna tadorna</i>)	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 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.	
Sandbanks which are slightly covered by sea water all the time	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Estuaries	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
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 (<i>Glauco-Puccinellietalia maritimae</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Sea lamprey (<i>Petromyzon marinus</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
River lamprey (<i>Lampetra fluviatilis</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Twait shad (<i>Alosa fallax</i>)	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 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.	
Vegetated sea cliffs of the Atlantic and Baltic Coasts	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Northern Atlantic wet heaths with <i>Erica tetralix</i>	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
European dry heaths	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Blanket bogs (priority feature if active bog)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Alkaline fens	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Exmoor and Quantock Oakwoods SAC	No								This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D 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.	
Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Barbastelle (<i>Barbastella barbastellus</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Bechstein's bat (<i>Myotis bechsteini</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Otter (<i>Lutra lutra</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOL?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Severn Estuary Ramsar	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 AEOL. 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 AEOL – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Criterion 5 - regularly supports 20,000 or more waterbirds	No	No	No	No	No	Yes	Yes	Yes	Yes		
Criterion 1 - sites containing representative, rare or unique wetland types	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge	Yes	No	No	No	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	No	Yes	Yes	Yes	Yes		
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Severn Estuary SPA	Yes										
Dunlin (<i>Calidris alpina schinzii</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. 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 AEOL – 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.	
Waterfowl assemblage	No	No	No	No	No	Yes	Yes	Yes	Yes		
Tundra swan (<i>Cygnus columbianus bewickii</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Gadwall (<i>Anas strepera</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Common redshank (<i>Tringa totanus</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Greater white-fronted goose (<i>Anser albifrons albifrons</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Common shelduck (<i>Tadorna tadorna</i>)	No	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 effects do not register at surface) are not considered likely to result in AEOL. 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 AEOL – 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.
Sandbanks which are slightly covered by sea water all the time	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Estuaries	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Mudflats and sandflats not covered by seawater at low tide	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Reefs	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Atlantic salt meadows (<i>Glauco-Puccinellietalia maritimae</i>)	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Sea lamprey (<i>Petromyzon marinus</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
River lamprey (<i>Lampetra fluviatilis</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Twaite shad (<i>Alosa fallax</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Exmoor and Quantock Oakwoods SAC	Yes										
Old sessile oak woods with <i>Ilex</i> and <i>Blechnum</i> in the British Isles	Yes	No	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. 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 AEOL – 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.	
Alluvial forests with <i>Alnus glutinosa</i> and <i>Fraxinus excelsior</i> (<i>Alno-Padion</i> , <i>Alnion incanae</i> , <i>Salicion albae</i>)	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Barbastelle (<i>Barbastella barbastellus</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Bechstein's bat (<i>Myotis bechsteini</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Otter (<i>Lutra lutra</i>)	Yes	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 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Severn Estuary Ramsar	Yes										
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity	Yes	No	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	
Criterion 5 - regularly supports 20,000 or more waterbirds	No	No	No	No	Yes	Yes	Yes	Yes			
Criterion 1 - sites containing representative, rare or unique wetland types	Yes	No	No	No	Yes	Yes	Yes	Yes			
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge	Yes	No	No	No	Yes	Yes	Yes	Yes			
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds	No	No	No	No	Yes	Yes	Yes	Yes			
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path	Yes	No	No	No	Yes	Yes	Yes	Yes			
Somerset Levels & Moors Ramsar	No										
Criterion 5 - regularly supports 20,000 or more waterbirds	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	n/a	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	n/a	Yes	Yes	Yes	Yes		
Somerset Levels and Moors SPA	No										
Tundra swan (Cygnus columbianus bewickii)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
Northern lapwing (Vanellus vanellus)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
European golden plover (Pluvialis apricaria)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Eurasian teal (Anas crecca)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Waterfowl assemblage	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Severn Estuary SPA	Yes										
Dunlin (Calidris alpina schinzii)	No	No	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	
Waterfowl assemblage	No	No	No	No	No	Yes	Yes	Yes	Yes		
Tundra swan (Cygnus columbianus bewickii)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Gadwall (Anas strepera)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Common redshank (Tringa totanus)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Greater white-fronted goose (Anser albifrons albifrons)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Common shelduck (Tadorna tadorna)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Severn Estuary/Môr Hafren SAC	Yes										
Sandbanks which are slightly covered by sea water all the time	Yes	No	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	
Estuaries	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Mudflats and sandflats not covered by seawater at low tide	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Reefs	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Sea lamprey (Petromyzon marinus)	No	No	No	No	No	Yes	Yes	Yes	Yes		
River lamprey (Lampetra fluviatilis)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Twait shad (Alosa fallax)	No	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 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Exmoor and Quantock Oakwoods SAC	No										This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D 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.
Old sessile oak woods with Ilex and Blechnum in the British Isles	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Alluvial forests with Alnus glutinosa and Fraxinus excelsior (Alno-Padion, Alnion incanae, Salicion albae)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
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 undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
European dry heaths	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
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			
Caves not open to the public	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Tilio-Acerion forests of slopes, screes and ravines	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Greater horseshoe bat (Rhinolophus ferrumequinum)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			

Licence block: ST25

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 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOL?								Notes
		If activity is within European site?				If activity is outside European site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Criterion 5 - regularly supports 20,000 or more waterbirds	No	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. 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 AEOL – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	
Criterion 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		

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
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 undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 5 - regularly supports 20,000 or more waterbirds	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Somerset Levels and Moors SPA	No										This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) 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.
Tundra swan (Cygnus columbianus bewickii)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
Northern lapwing (Vanellus vanellus)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			
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			
Severn Estuary SPA	Yes										This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Dunlin (Calidris alpina schinzii)	No	No	No	No	Yes	Yes	Yes	Yes			
Waterfowl assemblage	No	No	No	No	Yes	Yes	Yes	Yes			
Tundra swan (Cygnus columbianus bewickii)	No	No	No	No	Yes	Yes	Yes	Yes			
Gadwall (Anas strepera)	No	No	No	No	Yes	Yes	Yes	Yes			
Common redshank (Tringa totanus)	No	No	No	No	Yes	Yes	Yes	Yes			
Greater white-fronted goose (Anser albifrons albifrons)	No	No	No	No	Yes	Yes	Yes	Yes			
Common shelduck (Tadorna tadorna)	No	No	No	No	Yes	Yes	Yes	Yes			
Severn Estuary/Môr Hafren SAC	Yes										This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Sandbanks which are slightly covered by sea water all the time	Yes	No	No	No	Yes	Yes	Yes	Yes			
Estuaries	Yes	No	No	No	Yes	Yes	Yes	Yes			
Mudflats and sandflats not covered by seawater at low tide	Yes	No	No	No	Yes	Yes	Yes	Yes			
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			
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 undertaken at depth (so that effects do not register at surface) 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.
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			
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			
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 effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
European dry heaths	Yes	No	No	No	Yes	Yes	Yes	Yes			
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)	Yes	No	No	No	Yes	Yes	Yes	Yes			
Caves not open to the public	Yes	No	No	No	Yes	Yes	Yes	Yes			
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			

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Severn Estuary Ramsar	Yes										This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity	Yes	No	No	No	Yes	Yes	Yes	Yes			
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			
Somerset Levels & Moors Ramsar	Yes										
Criterion 5 - regularly supports 20,000 or more waterbirds	No	No	No	No	Yes	Yes	Yes	Yes			
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	Yes	No	No	No	Yes	Yes	Yes	Yes			
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds	No	No	No	No	Yes	Yes	Yes	Yes			
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 that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Tundra swan (Cygnus columbianus bewickii)	No	No	No	No	Yes	Yes	Yes	Yes			
Northern lapwing (Vanellus vanellus)	No	No	No	No	Yes	Yes	Yes	Yes			
European golden plover (Pluvialis apricaria)	No	No	No	No	Yes	Yes	Yes	Yes			
Eurasian teal (Anas crecca)	No	No	No	No	Yes	Yes	Yes	Yes			
Waterfowl assemblage	No	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 effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Dunlin (Calidris alpina schinzii)	No	No	No	No	Yes	Yes	Yes	Yes			
Waterfowl assemblage	No	No	No	No	Yes	Yes	Yes	Yes			
Tundra swan (Cygnus columbianus bewickii)	No	No	No	No	Yes	Yes	Yes	Yes			
Gadwall (Anas strepera)	No	No	No	No	Yes	Yes	Yes	Yes			
Common redshank (Tringa totanus)	No	No	No	No	Yes	Yes	Yes	Yes			
Greater white-fronted goose (Anser albifrons albifrons)	No	No	No	No	Yes	Yes	Yes	Yes			
Common shelduck (Tadorna tadorna)	No	No	No	No	Yes	Yes	Yes	Yes			
Severn Estuary/Môr Hafren SAC	Yes										This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Sandbanks which are slightly covered by sea water all the time	Yes	No	No	No	Yes	Yes	Yes	Yes			
Estuaries	Yes	No	No	No	Yes	Yes	Yes	Yes			
Mudflats and sandflats not covered by seawater at low tide	Yes	No	No	No	Yes	Yes	Yes	Yes			
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			

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Mendip Woodlands SAC	No										This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Tilio-Acerion forests of slopes, screes and ravines	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	Yes		
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 undertaken at depth (so that effects do not register at surface) 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.
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	Yes		
Caves not open to the public	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	Yes		
Tilio-Acerion forests of slopes, screes and ravines	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	Yes		
Lesser horseshoe bat (Rhinolophus hipposideros)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	Yes		
Greater horseshoe bat (Rhinolophus ferrumequinum)	n/a	n/a	n/a	n/a	Yes	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 undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
European dry heaths	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	Yes		
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	Yes		
Caves not open to the public	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	Yes		
Tilio-Acerion forests of slopes, screes and ravines	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	Yes		
Greater horseshoe bat (Rhinolophus ferrumequinum)	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 (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Severn Estuary Ramsar	Yes										
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity	Yes	No	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	
Criterion 5 - regularly supports 20,000 or more waterbirds	No	No	No	No	Yes	Yes	Yes	Yes			
Criterion 1 - sites containing representative, rare or unique wetland types	Yes	No	No	No	Yes	Yes	Yes	Yes			
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge	Yes	No	No	No	Yes	Yes	Yes	Yes			
Criterion 6 - regularly supports 1% of the individuals in a population of one species/subspecies of waterbirds	No	No	No	No	Yes	Yes	Yes	Yes			
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path	Yes	No	No	No	Yes	Yes	Yes	Yes			
Somerset Levels & Moors Ramsar	No										
Criterion 5 - regularly supports 20,000 or more waterbirds	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
Criterion 2 - supports vulnerable, endangered, or critically endangered species or threatened eco. communities	n/a	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	n/a	Yes	Yes	Yes	Yes		
Somerset Levels and Moors SPA	No										
Tundra swan (Cygnus columbianus bewickii)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
Northern lapwing (Vanellus vanellus)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
European golden plover (Pluvialis apricaria)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Eurasian teal (Anas crecca)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Waterfowl assemblage	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Severn Estuary SPA	Yes										
Dunlin (Calidris alpina schinzii)	No	No	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	
Waterfowl assemblage	No	No	No	No	No	Yes	Yes	Yes	Yes		
Tundra swan (Cygnus columbianus bewickii)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Gadwall (Anas strepera)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Common redshank (Tringa totanus)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Greater white-fronted goose (Anser albifrons albifrons)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Common shelduck (Tadorna tadorna)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Severn Estuary/Môr Hafren SAC	Yes										
Sandbanks which are slightly covered by sea water all the time	Yes	No	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	
Estuaries	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Mudflats and sandflats not covered by seawater at low tide	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Reefs	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Atlantic salt meadows (Glauco-Puccinellietalia maritimae)	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Sea lamprey (Petromyzon marinus)	No	No	No	No	No	Yes	Yes	Yes	Yes		
River lamprey (Lampetra fluviatilis)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Twait shad (Alosa fallax)	No	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 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Mendip Woodlands SAC	No										
Tilio-Acerion forests of slopes, screes and ravines		n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.	
North Somerset and Mendip Bats SAC	Yes										
Semi-natural dry grasslands and scrubland facies on calcareous substrates (Festuco-Brometalia) (* important orchid sites)		Yes	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.	
Caves not open to the public		Yes	No	No	No	Yes	Yes	Yes	Yes		
Tilio-Acerion forests of slopes, screes and ravines		Yes	No	No	No	Yes	Yes	Yes	Yes		
Lesser horseshoe bat (Rhinolophus hipposideros)		No	No	No	No	Yes	Yes	Yes	Yes		
Greater horseshoe bat (Rhinolophus ferrumequinum)		No	No	No	No	Yes	Yes	Yes	Yes		
Mendip Limestone Grasslands SAC	Yes										
European dry heaths		Yes	No	No	No	Yes	Yes	Yes	Yes	This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - 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		
Caves not open to the public		Yes	No	No	No	Yes	Yes	Yes	Yes		
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		

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOL?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Severn Estuary Ramsar	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 AEOL. 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 AEOL – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Criterion 3 - supports populations of plant/animal species important for maintaining regional biodiversity	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Criterion 5 - regularly supports 20,000 or more waterbirds	No	No	No	No	No	Yes	Yes	Yes	Yes		
Criterion 1 - sites containing representative, rare or unique wetland types	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Criterion 4 - supports plant/animal species at a critical stage in their life cycles, or provides refuge	Yes	No	No	No	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	No	Yes	Yes	Yes	Yes		
Criterion 8 - important source of food for fishes, spawning ground, nursery and/or migration path	Yes	No	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 effects do not register at surface) are not considered likely to result in AEOL. 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 AEOL – 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.
Dunlin (<i>Calidris alpina schinzii</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Waterfowl assemblage	No	No	No	No	No	Yes	Yes	Yes	Yes		
Tundra swan (<i>Cygnus columbianus bewickii</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Gadwall (<i>Anas strepera</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Common redshank (<i>Tringa totanus</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Greater white-fronted goose (<i>Anser albifrons albifrons</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Common shelduck (<i>Tadorna tadorna</i>)	No	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 effects do not register at surface) are not considered likely to result in AEOL. 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 AEOL – 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.
Sandbanks which are slightly covered by sea water all the time	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Estuaries	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Mudflats and sandflats not covered by seawater at low tide	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Reefs	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Atlantic salt meadows (<i>Glauco-Puccinellietalia maritimae</i>)	Yes	No	No	No	No	Yes	Yes	Yes	Yes		
Sea lamprey (<i>Petromyzon marinus</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
River lamprey (<i>Lampetra fluviatilis</i>)	No	No	No	No	No	Yes	Yes	Yes	Yes		
Twaite shad (<i>Alosa fallax</i>)	No	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 undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Tilio-Acerion forests of slopes, screes and ravines	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
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 activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Semi-natural dry grasslands and scrubland facies on calcareous substrates (<i>Festuco-Brometalia</i>) (* important orchid sites)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Caves not open to the public	n/a	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	n/a	Yes	Yes	Yes	Yes		
Lesser horseshoe bat (<i>Rhinolophus hipposideros</i>)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Greater horseshoe bat (<i>Rhinolophus ferrumequinum</i>)	n/a	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes
		If activity is within European site?				If activity is outside European site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
Mendip Limestone Grasslands SAC	No									
European dry heaths	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
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		
Caves not open to the public	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Tilio-Acerion forests of slopes, screes and ravines	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Greater horseshoe bat (Rhinolophus ferrumequinum)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		

Licence block: ST84

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

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOL?								Notes
		If activity is within European site?				If activity is outside European site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
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 AEOL. 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 AEOL – 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.
Eurasian hobby (<i>Falco subbuteo</i>)	No	No	No	No	Yes	Yes	Yes	Yes		
Common quail (<i>Coturnix coturnix</i>)	No	No	No	No	Yes	Yes	Yes	Yes		
Stone-curlew (<i>Burhinus oedicnemus</i>)	No	No	No	No	Yes	Yes	Yes	Yes		
Hen harrier (<i>Circus cyaneus</i>)	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 undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
Semi-natural dry grasslands and scrubland facies on calcareous substrates (<i>Festuco-Brometalia</i>) (* important orchid sites)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Caves not open to the public	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		
Greater horseshoe bat (<i>Rhinolophus ferrumequinum</i>)	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes		

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Salisbury Plain 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: - 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.
Juniperus communis formations on heaths or calcareous grasslands	Yes	No	No	No	Yes	Yes	Yes	Yes			
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	Yes										This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage A, B, C and D activities within the European site boundary are considered likely to result in AEOI – see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitriche-Batrachion vegetation	Yes	No	No	No	Yes	Yes	Yes	Yes			
Desmoulin's whorl snail (Vertigo moulinsiana)	Yes	No	No	No	Yes	Yes	Yes	Yes			
Sea lamprey (Petromyzon marinus)	No	No	No	No	Yes	Yes	Yes	Yes			
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 undertaken at depth (so that effects do not register at surface) 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.
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			
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 undertaken at depth (so that effects do not register at surface) 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.
Tilio-Acerion forests of slopes, screes and ravines	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			

Licence block: ST85

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 (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOL?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
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 AEOL. 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 AEOL – 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.
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 oediconemus)	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										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 AEOL. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
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			

Assessment of Effects on Relevant European Sites

Designated Sites and Interest Features (present within the Licence Block or within 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOI?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
Mells Valley SAC	No										
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			This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
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										
Juniperus communis formations on heaths or calcareous grasslands	Yes	No	No	No	Yes	Yes	Yes	Yes			This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOI -- see 'Conditions proposed for the licence' (above). - for activities occurring outside the boundary of the European site, the 'Advice proposed with the licence' section (above) should be noted.
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										
Water courses of plain to montane levels with the Ranunculion fluitantis and Callitriche-Batrachion vegetation	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.
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										
Tilio-Acerion forests of slopes, screes and ravines	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes			This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOI. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted.

Assessment of Effects on Relevant European Sites

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

Licence block: ST95

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://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 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOL?								Notes	
		If activity is within European site?				If activity is outside European site?					
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D		
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 AEOL. 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 AEOL – 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.
Eurasian hobby (<i>Falco subbuteo</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
Common quail (<i>Coturnix coturnix</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
Stone-curlew (<i>Burhinus oedecnemus</i>)	No	No	No	No	Yes	Yes	Yes	Yes			
Hen harrier (<i>Circus cyaneus</i>)	No	No	No	No	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 effects do not register at surface) are not considered likely to result in AEOL. With regard to activities 'at or near the surface', the following should be noted: - Stage B, C and D activities within the European site boundary are considered likely to result in AEOL – 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.
Juniperus communis formations on heaths or calcareous grasslands	Yes	No	No	No	Yes	Yes	Yes	Yes			
Semi-natural dry grasslands and scrubland facies on calcareous substrates (<i>Festuco-Brometalia</i>) (* important orchid sites)	Yes	No	No	No	Yes	Yes	Yes	Yes			
Marsh fritillary butterfly (<i>Euphydryas</i> (<i>Eurodryas</i> , <i>Hypodryas</i>) <i>aurinia</i>)	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 10km)	Is Euro. site within block?	Can Stage A, B, C or D activities be carried out without AEOL?								Notes
		If activity is within European site?				If activity is outside European site?				
		Stage A	Stage B	Stage C	Stage D	Stage A	Stage B	Stage C	Stage D	
River Avon SAC	No									
Water courses of plain to montane levels with the Ranunculus fluitans and Callitriche-Batrachion vegetation	n/a	n/a	n/a	n/a	Yes	Yes	Yes	Yes	Yes	This site is outside the licence block, over 1km from the block boundary. Stage A, B, C and D activities undertaken at depth (so that effects do not register at surface) are not considered likely to result in AEOL. 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	Yes	