

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 | | | | | | | | | | |
| 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, 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. | |
| 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, 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. | |
| Waterfowl assemblage | n/a | 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 | n/a | Yes | Yes | Yes | Yes | | |
| Gadwall (<i>Anas strepera</i>) | n/a | 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 | n/a | Yes | Yes | Yes | Yes | | |
| Greater white-fronted goose (<i>Anser albifrons albifrons</i>) | n/a | 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 | 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 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. | |
| 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 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. | |
| 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 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

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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 | | |
| 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 | | |

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| 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 | | | |
| 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 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 | | | | | | | | | | 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 | | |
| 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 | 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 | 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 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 | | |
| River Wye/ Afon 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 AEOL. With regard to activities at or near the surface, the 'Advice proposed with the licence' section (above) should be noted. |
| 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 | | |
| 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. |
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| 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>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 | | | |

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 | | | | | | | | | | <p>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:</p> <ul style="list-style-type: none"> - 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 | <p>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:</p> <ul style="list-style-type: none"> - 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 | | | | | | | | | | <p>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:</p> <ul style="list-style-type: none"> - 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 | <p>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:</p> <ul style="list-style-type: none"> - 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 | | |
| Twaited 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 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/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 | | | |
| 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 | | 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 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 | 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 | | | |
| 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 | Yes | Yes | Yes | Yes | | | |
| Waterfowl assemblage | No | No | No | No | Yes | Yes | Yes | Yes | | | |
| Tundra swan (<i>Cygnus columbianus bewickii</i>) | No | No | No | No | Yes | Yes | Yes | Yes | | | |
| Gadwall (<i>Anas strepera</i>) | No | No | No | No | Yes | Yes | Yes | Yes | | | |
| Common redshank (<i>Tringa totanus</i>) | No | No | No | No | Yes | Yes | Yes | Yes | | | |
| Greater white-fronted goose (<i>Anser albifrons albifrons</i>) | No | No | No | No | Yes | Yes | Yes | Yes | | | |
| Common shelduck (<i>Tadorna tadorna</i>) | 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 | 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 (<i>Glauco-Puccinellietalia maritimae</i>) | Yes | No | No | No | Yes | Yes | Yes | Yes | | | |
| Sea lamprey (<i>Petromyzon marinus</i>) | No | No | No | No | Yes | Yes | Yes | Yes | | | |
| River lamprey (<i>Lampetra fluviatilis</i>) | No | No | No | No | Yes | Yes | Yes | Yes | | | |
| Twaite shad (<i>Alosa fallax</i>) | 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 | 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 | 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 | | | |
| 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 | | | |

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 oedipnemus</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 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 (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 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 | | | |
| 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 | | | | | | | | | | 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 | | | |
| Greater horseshoe bat (Rhinolophus ferrumequinum) | n/a | n/a | n/a | n/a | Yes | Yes | Yes | Yes | | | |
| Salisbury Plain SAC | Yes | | | | | | | | | | This site is present within the licence block. Stage A, B, C and D activities undertaken at depth (so that 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 | 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. |
| 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 | | | |
| 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 | | | |
| 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 | | | |

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 oedipnemus</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 fluitans</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 (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 oedecnemus) | No | No | No | No | Yes | Yes | Yes | Yes | | | |
| Hen harrier (Circus cyaneus) | 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 (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 | | | |

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 | |
| 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 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 | Yes | |