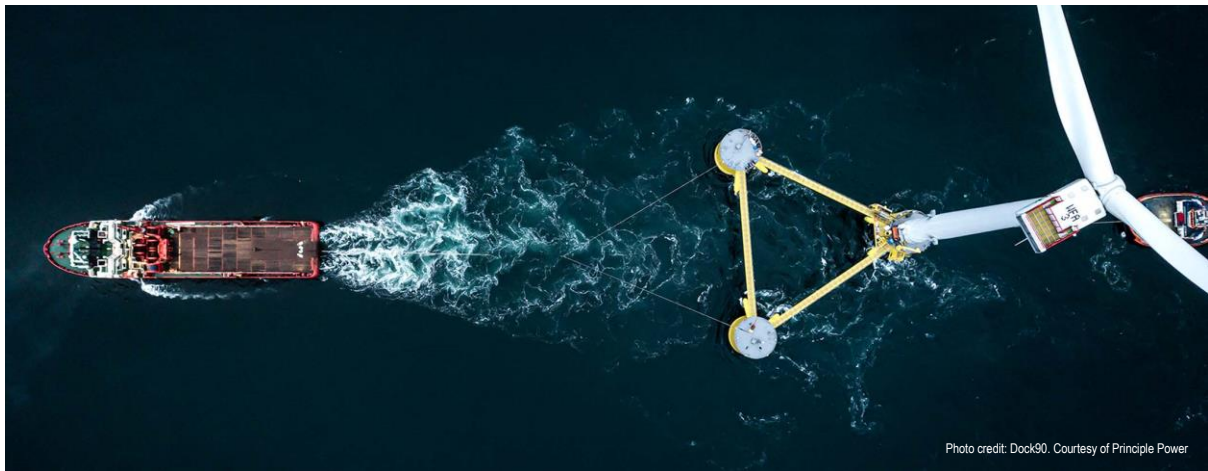




Project Valorous Scoping Report

Appendix C: Ornithology Designated Sites and Protected Species

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Document History

Rev	Date	Authored	Reviewed	Approved	Modifications
0.1	2020-09-23	K Route-Stephens	J Lewis	[Approved name e.g. J. Doe]	Appendix first draft
0.2	2020-11-19	K Route-Stephens	J Lewis	[Approved name e.g. J. Doe]	Full MarineSpace content for Ornithology appendix in template
A01	25-11-2020	K Route-Stephens	H Campbell	H Campbell (OWC)	For Client Review
B01	02-02-2021	K Route-Stephens	D Lloyd-Jones	H Campbell (OWC) S. Evans (BGW)	Accepted for Use

Appendix C: Ornithology – Protected Species and Species of Conservation Importance Scoped within Offshore and Onshore Study Area

Table C.1: Protected bird species and species of conservation importance scoped within the offshore ornithological study area

Common Name	Species	Qualifying Interest	Special Protection Area where a Qualifying Feature (within 100 km of offshore project area)	EU Birds Directive (Annex I) Species	Wildlife and Countryside Act (1981) as Amended (Schedule 1) Species	Birds of Conservation Concern 4 Red List	Environment (Wales) Act 2016 (Section 7) Priority Species
Seabirds							
European shag	<i>Phalacrocorax aristotelis</i>	Breeding and wintering	No sites in area of effect	X	X	Red	X
European storm-petrel	<i>Hydrobates pelagicus</i>	Breeding	Skomer, Skokholm & Seas off Pembrokeshire SPA	✓	X	Amber	X
Great cormorant	<i>Phalacrocorax carbo</i>	Breeding	Saltee Islands SPA	X	X	Green	X
Great skua	<i>Stercorarius skua</i>	Breeding	No sites in area of effect	X	✓	Amber	X
Leach's storm-petrel	<i>Oceanodroma leucorhoa</i>	Breeding	No sites in area of effect	✓	✓	Amber	X
Manx shearwater	<i>Puffinus puffinus</i>	Breeding	Skomer, Skokholm & Seas off Pembrokeshire SPA, Saltee Islands SPA	✓	X	Amber	X

Common Name	Species	Qualifying Interest	Special Protection Area where a Qualifying Feature (within 100 km of offshore project area)	EU Birds Directive (Annex I) Species	Wildlife and Countryside Act (1981) as Amended (Schedule 1) Species	Birds of Conservation Concern 4 Red List	Environment (Wales) Act 2016 (Section 7) Priority Species
Northern fulmar	<i>Fulmarus glacialis</i>	Breeding	Saltee Islands SPA	X	X	Amber	X
Auks							
Atlantic puffin	<i>Fratercula arctica</i>	Breeding	Skomer, Skokholm & Seas off Pembrokeshire SPA, Saltee Islands SPA	X	X	Red	X
Common guillemot	<i>Uria aalge</i>	Breeding and wintering	Skomer, Skokholm & Seas off Pembrokeshire SPA (seabird assemblage species), Saltee Islands SPA	X	X	Amber	X
Razorbill	<i>Alca torda</i>	Breeding and wintering	Skomer, Skokholm & Seas off Pembrokeshire SPA (seabird assemblage species), Saltee Islands SPA	X	X	Amber	X
Divers							
Black-throated diver	<i>Gavia arctica</i>	Wintering	No sites in area of effect	✓	✓	Amber	X
Great northern diver	<i>Gavia immer</i>	Wintering	No sites in area of effect	✓	✓	Amber	X

Common Name	Species	Qualifying Interest	Special Protection Area where a Qualifying Feature (within 100 km of offshore project area)	EU Birds Directive (Annex I) Species	Wildlife and Countryside Act (1981) as Amended (Schedule 1) Species	Birds of Conservation Concern 4 Red List	Environment (Wales) Act 2016 (Section 7) Priority Species
Red-throated diver	<i>Gavia stellata</i>	Wintering	No sites in area of effect	✓	✓	Green	✗
Grebes							
Black-necked grebe	<i>Podiceps nigricollis</i>	Wintering	No sites in area of effect	✗	✓	Amber	✗
Red-necked grebe	<i>Podiceps grisegena</i>	Wintering	No sites in area of effect	✗	✗	Red	✗
Slavonian grebe	<i>Podiceps auritus</i>	Wintering	No sites in area of effect	✓	✓	Red	✗
Little grebe	<i>Tachybaptus ruficollis</i>	Wintering	No sites in area of effect	✗	✗	Green	✗
Terns							
Arctic tern	<i>Sterna paradisaea</i>	Breeding and year-round	Lady's Island Lake SPA	✓	✗	Amber	✗
Common tern	<i>Sterna hirundo</i>	Breeding and year-round	Lady's Island Lake SPA	✓	✗	Amber	✗
Roseate tern	<i>Sterna dougallii</i>	Breeding and year-round	Lady's Island Lake SPA	✓	✓	Red	✓

Common Name	Species	Qualifying Interest	Special Protection Area where a Qualifying Feature (within 100 km of offshore project area)	EU Birds Directive (Annex I) Species	Wildlife and Countryside Act (1981) as Amended (Schedule 1) Species	Birds of Conservation Concern 4 Red List	Environment (Wales) Act 2016 (Section 7) Priority Species
Sandwich tern	<i>Sterna sandvicensis</i>	Breeding and year-round	Lady's Island Lake SPA	✓	×	Amber	×
Wildfowl							
Bewick's swan	<i>Cygnus columbianus bewickii</i>	On passage, wintering	Tacumshin Lake SPA	✓	✓	Amber	✓
Black-tailed godwit	<i>Limosa limosa</i>	Wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	×	✓	Red	×
Common scoter	<i>Melanitta nigra</i>	Wintering	Carmarthen Bay SPA	×	×	Red	✓
Common shelduck	<i>Tadorna tadorna</i>	Wintering	Burry Inlet SPA, Tacumshin Lake SPA	×	×	Amber	×
Coot	<i>Fulica atra</i>	Wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	×	×	Green	×
Curlew	<i>Numenius arquata</i>	Wintering	Burry Inlet SPA, Tacumshin Lake SPA, Lady's Island Lake SPA	×	×	Red	✓
Curlew sandpiper	<i>Calidris ferruginea</i>	Concentration	Tacumshin Lake SPA, Lady's Island Lake SPA	×	×	Amber	×
Dark-bellied brent goose	<i>Brenta bernicla bernicla</i>	On passage, wintering	Tacumshin Lake SPA	×	×	Amber	✓

Common Name	Species	Qualifying Interest	Special Protection Area where a Qualifying Feature (within 100 km of offshore project area)	EU Birds Directive (Annex I) Species	Wildlife and Countryside Act (1981) as Amended (Schedule 1) Species	Birds of Conservation Concern 4 Red List	Environment (Wales) Act 2016 (Section 7) Priority Species
Dunlin	<i>Calidris alpina</i>	Wintering	Burry Inlet SPA, Tacumshin Lake SPA	X	X	Amber	X
Eurasian oystercatcher	<i>Haematopus ostralegus</i>	Wintering	Burry Inlet SPA, Lady's Island Lake SPA	X	X	Amber	X
Eurasian teal	<i>Anas crecca</i>	Wintering	Burry Inlet SPA, Lady's Island Lake SPA	X	X	Amber	X
Eurasian wigeon	<i>Anas penelope</i>	Wintering	Burry Inlet SPA, Tacumshin Lake SPA, Lady's Island Lake SPA	X	X	Amber	X
Gadwall	<i>Anas strepera</i>	Year-round and wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	X	X	Amber	X
Garganey	<i>Anas querquedula</i>	Breeding	Tacumshin Lake SPA, Lady's Island Lake SPA	X	✓	Amber	X
Green sandpiper	<i>Tringa ochropus</i>	Concentration	Tacumshin Lake SPA, Lady's Island Lake SPA	X	✓	Amber	X
Greenland white-fronted goose	<i>Anser albifrons flavirostris</i>	On passage, wintering	Tacumshin Lake SPA	✓	X	Red	✓
Greenshank	<i>Tringa nebularia</i>	Wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	X	✓	Amber	X
Golden plover	<i>Pluvialis apricaria</i>	Wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	✓	X	Green	✓

Common Name	Species	Qualifying Interest	Special Protection Area where a Qualifying Feature (within 100 km of offshore project area)	EU Birds Directive (Annex I) Species	Wildlife and Countryside Act (1981) as Amended (Schedule 1) Species	Birds of Conservation Concern 4 Red List	Environment (Wales) Act 2016 (Section 7) Priority Species
Grey plover	<i>Pluvialis squatarola</i>	Wintering	Burry Inlet SPA	X	X	Amber	X
Lapwing	<i>Vanellus vanellus</i>	Wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	X	X	Red	✓
Little stint	<i>Calidris minuta</i>	Concentration	Tacumshin Lake SPA, Lady's Island Lake SPA	X	X	Green	X
Long-tailed duck	<i>Clangula hyemalis</i>	Wintering	No sites in area of effect	X	✓	Red	X
Mallard	<i>Ana platyrhynchos</i>	Wintering	Tacumshin Lake SPA	X	X	Amber	X
Northern shoveler	<i>Anas clypeata</i>	Breeding, wintering	Burry Inlet SPA, Lady's Island Lake SPA	X	X	Amber	X
Pintail	<i>Anas acuta</i>	Wintering	Burry Inlet SPA, Lady's Island Lake SPA	X	X	Amber	X
Pochard	<i>Aythya ferina</i>	Breeding and wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	X	X	Red	X
Red knot	<i>Calidris canutus</i>	Wintering	Burry Inlet SPA	X	X	Amber	X
Red-breasted merganser	<i>Mergus serrator</i>	Wintering	Lady's Island Lake SPA	X	X	Green	X

Common Name	Species	Qualifying Interest	Special Protection Area where a Qualifying Feature (within 100 km of offshore project area)	EU Birds Directive (Annex I) Species	Wildlife and Countryside Act (1981) as Amended (Schedule 1) Species	Birds of Conservation Concern 4 Red List	Environment (Wales) Act 2016 (Section 7) Priority Species
Redshank	<i>Tringa totanus</i>	Wintering	Burry Inlet SPA, Tacumshin Lake SPA, Lady's Island Lake SPA	X	X	Amber	X
Ruff	<i>Philomachus pugnax</i>	Wintering, concentration	Tacumshin Lake SPA, Lady's Island Lake SPA	✓	✓	Red	X
Scaup	<i>Aythya marila</i>	Wintering	Lady's Island Lake SPA	X	✓	Red	X
Spotted redshank	<i>Tringa erythropus</i>	Concentration	Tacumshin Lake SPA, Lady's Island Lake SPA	X	X	Amber	X
Tufted duck	<i>Aythya fuligula</i>	Wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	X	X	Green	X
Turnstone	<i>Arenaria interpres</i>	Wintering	Burry Inlet SPA	X	X	Amber	X
Velvet scoter	<i>Melanitta fusca</i>	Wintering	No sites in area of effect	X	✓	Red	X
Whooper swan	<i>Cygnus cygnus</i>	Wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	✓	✓	Amber	X
Wood sandpiper	<i>Tringa glareola</i>	Concentration	Tacumshin Lake SPA, Lady's Island Lake SPA	✓	✓	Amber	X

Common Name	Species	Qualifying Interest	Special Protection Area where a Qualifying Feature (within 100 km of offshore project area)	EU Birds Directive (Annex I) Species	Wildlife and Countryside Act (1981) as Amended (Schedule 1) Species	Birds of Conservation Concern 4 Red List	Environment (Wales) Act 2016 (Section 7) Priority Species
Gulls							
Black-headed gull	<i>Larus ridibundus</i>	Breeding and wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	X	X	Amber	✓
Black-legged kittiwake	<i>Rissa tridactyla</i>	Breeding and wintering	Skomer, Skokholm & Seas off Pembrokeshire SPA (seabird assemblage species), Saltee Islands SPA	X	X	Red	X
Herring gull	<i>Larus argentatus</i>	Breeding and wintering	No sites in area of effect	X	X	Red	✓
Lesser black-backed gull	<i>Larus fuscus</i>	Breeding and wintering	Skomer, Skokholm & Seas off Pembrokeshire SPA, Tacumshin Lake SPA, Saltee Islands SPA	X	X	Amber	X
Mediterranean gull	<i>Larus melanocephalus</i>	Year round and wintering	Lady's Island Lake SPA	✓	✓	Amber	X
Crows							
Chough	<i>Pyrrhocorax pyrrhocorax</i>	Breeding and wintering, year-round also	Castlemartin Coast SPA, Skomer, Skokholm & Seas off Pembrokeshire SPA, Saltee Islands SPA	✓	✓	Green	✓

Common Name	Species	Qualifying Interest	Special Protection Area where a Qualifying Feature (within 100 km of offshore project area)	EU Birds Directive (Annex I) Species	Wildlife and Countryside Act (1981) as Amended (Schedule 1) Species	Birds of Conservation Concern 4 Red List	Environment (Wales) Act 2016 (Section 7) Priority Species
Raptors							
Marsh harrier	<i>Circus aeruginosus</i>	Breeding	Tacumshin Lake SPA, Lady's Island Lake SPA	✓	✓	Amber	✗
Peregrine falcon	<i>Falco peregrinus</i>	Year-round	Saltee Islands SPA	✓	✓	Green	✗
Passerines							
Reed warbler	<i>Acrocephalus scirpaceus</i>	Breeding	Tacumshin Lake SPA	✗	✗	Green	✗

Table C.2: Protected bird species and species of conservation importance scoped within the onshore ornithological study area

Common Name	Species	Qualifying Interest	Special Protection Areas where a Qualifying Feature	EU Birds Directive (Annex I) Species	Wildlife and Countryside Act (1981) as Amended (Schedule 1) Species	Birds of Conservation Concern 4 Red List	Environment (Wales) Act 2016 (Section 7) Priority Species
Crows							
Chough	<i>Pyrrhocorax pyrrhocorax</i>	Breeding and wintering	Castlemartin Coast SPA, Skomer, Skokholm & Seas off Pembrokeshire SPA, Satee Islands SPA	✓	✓	Green	✓
Raptors and Falcons							
Goshawk	<i>Accipiter gentilis</i>	Wintering	No sites in area of effect	✓	✓	Green	✗
Hen harrier	<i>Circus cyaneus</i>	Wintering	No sites in area of effect	✓	✓	Red	✓
Kestrel	<i>Falco tinnunculus</i>	Breeding and wintering	No sites in area of effect	✗	✗	Amber	✓
Marsh harrier	<i>Circus aeruginosus</i>	Breeding and wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	✓	✓	Amber	✗
Merlin	<i>Falco columbarius</i>	Wintering	No sites in area of effect	✓	✓	Red	✗
Peregrine falcon	<i>Falco peregrinus</i>	Breeding and wintering	Satee Islands SPA	✓	✓	Green	✗

Common Name	Species	Qualifying Interest	Special Protection Areas where a Qualifying Feature	EU Birds Directive (Annex I) Species	Wildlife and Countryside Act (1981) as Amended (Schedule 1) Species	Birds of Conservation Concern 4 Red List	Environment (Wales) Act 2016 (Section 7) Priority Species
Red kite	<i>Milvus milvus</i>	Breeding and wintering	No sites in area of effect	✓	✓	Green	✗
Owls							
Short-eared owl	<i>Asio flammeus</i>	Breeding and wintering	Skomer, Skokholm & Seas off Pembrokeshire SPA	✓	✗	Amber	✗
Waders							
Bar-tailed godwit	<i>Limosa lapponica</i>	Wintering	No sites in area of effect	✓	✗	Amber	✓
Black-tailed godwit	<i>Limosa limosa</i>	Wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	✗	✓	Red	✗
Curlew	<i>Numenius arquata</i>	Breeding and wintering	Burry Inlet SPA, Tacumshin Lake SPA, Lady's Island Lake SPA	✗	✗	Red	✓
Golden plover	<i>Pluvialis apricaria</i>	Wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	✓	✗	Green	✓
Lapwing	<i>Vanellus vanellus</i>	Breeding and wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	✗	✗	Red	✓
Ringed plover	<i>Charadrius hiaticula</i>	Breeding and wintering	No sites in area of effect	✗	✗	Red	✓

Common Name	Species	Qualifying Interest	Special Protection Areas where a Qualifying Feature	EU Birds Directive (Annex I) Species	Wildlife and Countryside Act (1981) as Amended (Schedule 1) Species	Birds of Conservation Concern 4 Red List	Environment (Wales) Act 2016 (Section 7) Priority Species
Ruff	<i>Philomachus pugnax</i>	Wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	X	X	Red	X
Whimbrel	<i>Numenius phaeopus</i>	Wintering	No sites in area of effect	X	X	Red	X
Woodcock	<i>Scolopax rusticola</i>	Wintering	No sites in area of effect	X	X	Red	X
Seabirds							
Atlantic puffin	<i>Fratercula arctica</i>	Breeding	Skomer, Skokholm and the Seas off Pembrokeshire SPA, Saltee Islands SPA	X	X	Red	X
Gulls							
Black-headed gull	<i>Chroicocephalus ridibundus</i>	Wintering	Tacumshin Lake SPA, Lady's Island Lake SPA	X	X	Amber	✓
Black-legged kittiwake	<i>Rissa tridactyla</i>	Breeding and wintering	Saltee Islands SPA	X	X	Red	X
Herring gull	<i>Larus argentatus</i>	Breeding and wintering	No sites in area of effect	X	X	Red	✓

Common Name	Species	Qualifying Interest	Special Protection Areas where a Qualifying Feature	EU Birds Directive (Annex I) Species	Wildlife and Countryside Act (1981) as Amended (Schedule 1) Species	Birds of Conservation Concern 4 Red List	Environment (Wales) Act 2016 (Section 7) Priority Species
Wildfowl							
Bewick's swan	<i>Cygnus columbianus bewickii</i>	Wintering	Tacumshin Lake SPA	✓	✓	Amber	✓
Dark-bellied brent goose	<i>Brenta bernicla bernicla</i>	Wintering	Tacumshin Lake SPA	X	X	Amber	✓
Greenland white-fronted goose	<i>Anser albifrons flavirostris</i>	Wintering	Tacumshin Lake SPA	✓	X	Red	✓
Waterbirds							
Great bittern	<i>Botaurus stellaris</i>	Wintering	No sites in area of effect	X	X	Amber	✓
Passerines							
Black redstart	<i>Phoenicurus ochruros</i>	Wintering	No sites in area of effect	X	X	Red	X
Bullfinch	<i>Pyrrhula pyrrhula</i>	Breeding and wintering	No sites in area of effect	X	X	Amber	✓
Cuckoo	<i>Cuculus canorus</i>	Breeding	No sites in area of effect	X	X	Red	✓

Common Name	Species	Qualifying Interest	Special Protection Areas where a Qualifying Feature	EU Birds Directive (Annex I) Species	Wildlife and Countryside Act (1981) as Amended (Schedule 1) Species	Birds of Conservation Concern 4 Red List	Environment (Wales) Act 2016 (Section 7) Priority Species
Dunnock	<i>Prunella modularis</i>	Breeding and wintering	No sites in area of effect	X	X	Amber	✓
Fieldfare	<i>Turdus pilaris</i>	Wintering	No sites in area of effect	X	X	Red	X
Grasshopper warbler	<i>Locustella naevia</i>	Breeding	No sites in area of effect	X	X	Red	✓
Grey wagtail	<i>Motacilla cinerea</i>	Breeding and wintering	No sites in area of effect	X	X	Red	X
House sparrow	<i>Passer domesticus</i>	Breeding and wintering	No sites in area of effect	X	X	Red	✓
Lesser redpoll	<i>Acanthis cabaret</i>	Breeding	No sites in area of effect	X	X	Red	✓
Linnet	<i>Linaria cannabina</i>	Breeding and wintering	No sites in area of effect	X	X	Red	✓
Marsh tit	<i>Poecile palustris</i>	Breeding and wintering	No sites in area of effect	X	X	Red	✓
Mistle thrush	<i>Turdus viscivorus</i>	Breeding and wintering	No sites in area of effect	X	X	Red	X
Redwing	<i>Turdus iliacus</i>	Wintering	No sites in area of effect	X	X	Red	X
Reed bunting	<i>Emberiza schoeniclus</i>	Breeding and wintering	No sites in area of effect	X	X	Amber	✓

Common Name	Species	Qualifying Interest	Special Protection Areas where a Qualifying Feature	EU Birds Directive (Annex I) Species	Wildlife and Countryside Act (1981) as Amended (Schedule 1) Species	Birds of Conservation Concern 4 Red List	Environment (Wales) Act 2016 (Section 7) Priority Species
Skylark	<i>Alauda arvensis</i>	Breeding and wintering	No sites in area of effect	X	X	Red	✓
Song thrush	<i>Turdus philomelos</i>	Breeding and wintering	No sites in area of effect	X	X	Red	✓
Spotted flycatcher	<i>Muscicapa striata</i>	Breeding and wintering	No sites in area of effect	X	X	Red	✓
Starling	<i>Sturnus vulgaris</i>	Breeding and wintering	No sites in area of effect	X	X	Red	✓
Tree pipit	<i>Anthus trivialis</i>	Breeding	No sites in area of effect	X	X	Red	✓
Yellowhammer	<i>Emberiza citrinella</i>	Breeding and wintering	No sites in area of effect	X	X	Red	✓
Willow tit	<i>Poecile montanus</i>	Wintering	No sites in area of effect	X	X	Red	✓

