Salamander Offshore Wind Farm

Offshore EIA Report

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SALAMANDER

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Glossary

Term	Definition
Offshore Array Area	The offshore area within which the wind turbine generators, foundations, mooring lines and anchors, and inter-array cables and associated infrastructure will be located.
Offshore Development	The entire Offshore Development, including all offshore components of the Project (WTGs, Inter-array and Offshore Export Cable(s), floating substructures, mooring lines and anchors, and all other associated offshore infrastructure) required across all Project phases from development to decommissioning, for which the Applicant is seeking consent.
Offshore Development Area	The total area comprising the Offshore Array Area and the Offshore Export Cable Corridor.
Offshore Export Cable(s)	The export cable(s) that will bring electricity from the Offshore Array Area to the Landfall. The cable(s) will include fibre optic cable(s).
Offshore Export Cable Corridor	The area that will contain the Offshore Export Cable(s) between the boundary of the Offshore Array Area and Landfall.
Salamander Project	The proposed Salamander Offshore Wind Farm. The term covers all elements of both the offshore and onshore aspects of the project.
WGS 1984 UTM Zone 30N	Coordinate reference system

Acronyms

Term	Definition
ARR	Offshore Array Area
ECC	Export Cable Corridor
ID	Identifier
P	Pipeline
U	Utility

1 Offshore Crossing Schedule

Table 1–1 Guide - How to read the Salamander Project Crossing Schedule

Heading in Crossing Schedule	Explanation of Information within column
Salamander Crossing Identification Number (No.)	1. The crossing IDs are split according to the different elements of offshore infrastructure. The permanent offshore infrastructure elements of the Salamander Project are identified as follows, and form the first part of the Crossing ID: (a) the offshore export cable corridor (ECC) crossings begin with 'ECC'; and (b) the offshore array area crossings begin with 'ARR'. 2. The second part of the crossing ID relates to the crossing categories: (a) Pipeline (P) – subsea pipelines associated with oil and gas infrastructure; and (b) Utility (U) – subsea cables associated with oil and gas, interconnector or wind farm infrastructure. 3. The third part of the Crossing ID relates to number of the crossing which runs in numerical order from '01'. See Figure 1-1 showing all Crossing Identification Numbers.
Type of Obstacle	Provides a more detailed description of the obstacle. For example: (a) Chemical pipeline; (b) Gas pipeline; or (c) Offshore wind export cable. Only those assets that may be installed prior to the Salamander Offshore Export Cable(s) based on currently available project information from Applications and Scoping Reports are included in the schedule below.
Obstacle Name	This will give the details of any name already assigned to the feature being crossed, e.g. name/ number of the asset to be crossed.
Project Element	The part of the Salamander Project the crossing relates to. For example: (a) Offshore Export Cable Corridor; or (b) Offshore Array Area.

Heading in Crossing Schedule	Explanation of Information within column
Asset Owner/Responsible Authority	All known 'Asset owners' are listed here.
Obstacle Comments	General comments about the obstacle itself, and details about its features

Table 1–2 Offshore Crossing Schedule for up to two Salamander Offshore Export Cables

X Coordinate*	Y Coordinate*	Salamander Project Crossing Identification No.	Type of Obstacle	Obstacle Name	Asset Owner	Project Element	No. Assets to be crossed	Max No. Crossings	Comments
589555.46	6379936.71	ECCP01	Gas pipeline	Fulmar to St Fergus gas pipeline (PL208)	Shell U.K. Limited	ECC	1	2	Existing gas pipeline; exact crossing location under discussion between parties.
574042.71	6377728.25	ECCU02	Offshore Wind Export Cable	Green Volt Floating Offshore Windfarm export cable	Floatation Energy and Vårgrønn	ECC	2	4	Not consented. Potential future infrastructure; may be installed before Salamander ECC. Exact export cable route unknown; estimated that the up to two Salamander export cables may cross the up to two Green Volt export cables.

X Coordinate*	Y Coordinate*	Salamander Project Crossing Identification No.	Type of Obstacle	Obstacle Name	Asset Owner	Project Element	No. Assets to be crossed	Max No. Crossings	Comments
573085.72	6377711.65	ECCU03	Offshore Wind Export Cable	Muir Mhòr Offshore Wind Farm export cable**	Fred. Olsen Seawind AS and Vattenfall	ECC	3	6	Not consented. Potential future infrastructure; may be installed before Salamander ECC. Exact export cable route unknown; estimated that the up to two Salamander export cables may cross the up to three Muir Mhòr export cables.
600569.06	6383136.65	ECCU04 ECCU05	Offshore Wind Export Cable	Cenos Floating Offshore Windfarm export cable	Floatation Energy and Vårgrønn	ECC	3	12	Not consented. Potential future infrastructure; may be installed before Salamander ECC. Exact export cable route unknown; estimated that the up to two Salamander export cables may cross the up to three Cenos export cables up to two times, if Cenos select Cable B from the two main route options under consideration in their Scoping Report.

X Coordinate*	Y Coordinate*	Salamander Project Crossing Identification No.	Type of Obstacle	Obstacle Name	Asset Owner	Project Element	No. Assets to be crossed	Max No. Crossings	Comments
583348.22	6378656.36	ECCU05***	Interconnector cable between Scotland and Norway	NorthConnect interconnector	Lyse, Agder Energi, Hafslund E-Co and Vattenfall	ECC	1	N/A	Scottish segment consented, outside territorial waters consent is pending. May be installed before Salamander ECC. Route is known; one crossing by up to two Salamander export cables.

* All the coordinates are indicative only at this point as Export Cable(s) data is not finalised yet for both the Salamander Project and other offshore wind projects; consequently the coordinate is the centre point of the crossing of the two cable corridors.

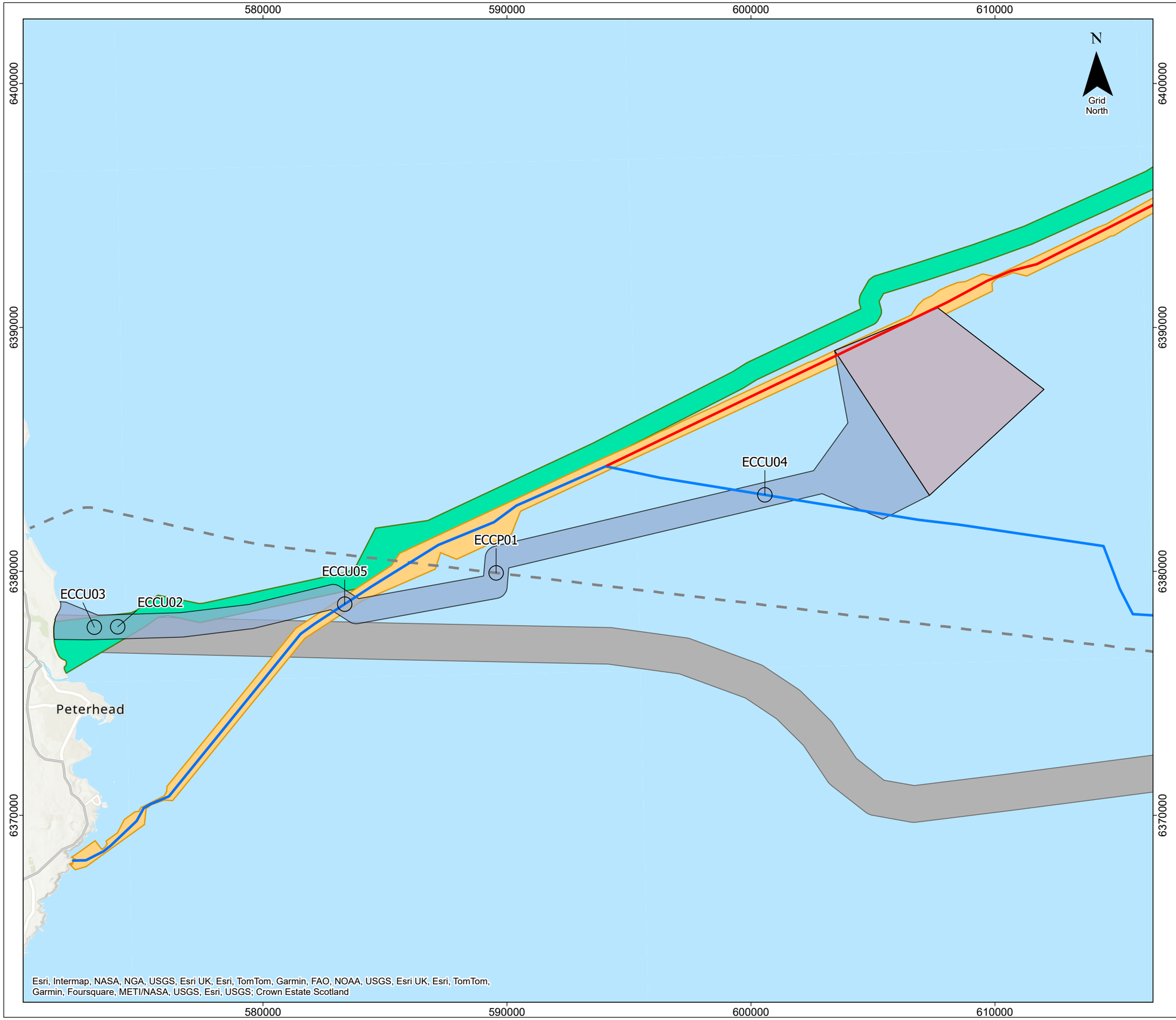
** Export cable corridor is based on Notice to Mariners issued by Muir Mhòr Offshore Wind Farm for their geophysical and environmental surveys.

*** The NorthConnect interconnector crossing is captured within the Cenos Floating Offshore Windfarm export cable crossing ID ECCU05; this is following information published in the Cenos Scoping Report.

Salamander

Figure 1-1

Offshore Crossing Schedule



- Indicative Cable Crossing Point
- Offshore Array Area
- Offshore Export Cable Corridor
- Fulmar to St Fergus Gas Pipeline (PL208)
- Green Volt Offshore Export Cable Corridor
- Muir Mhòr Export Cable Corridor
- Cenos Export Cable Route A
- Cenos Export Cable Route B
- North Connect Interconnector Corridor

Coordinate System: WGS 1984 UTM Zone 30N

Scale @ A3 : 1:150000

0 4 8 Kilometers

0 1 2 4 UK Nautical Miles

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