Salamander Offshore Wind Farm

Offshore EIA Report

Volume ER.A.4, Annex 6.1: Commitments and Mitigation Register

SALAMANDER

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1. Overview

The project has adopted a number of Primary, Secondary and Tertiary Commitments (see **Table 6-2** of **Volume ER.A.2, Chapter 6: EIA Methodology** for definitions) as part of the EIA process in order to avoid or reduce impacts where possible. This annex details all commitments that are taken forward at Application and provides details as to how the commitments are secured. This Commitments and Mitigations Register is for the Offshore Development only, a seperate register will be produced for the Onshore Development planning application.

Commitments have been informed through consultation on the Scoping Report, subsequent informal consultation with a range of key consultees and feedback from members of the public at Pre-Application Consultation (PAC) events. An overview of the consultation undertaken to date is provided within **Volume A.2, Chapter 5 Stakeholder Consultation**.

The following table provides an overview of the information contained within the Commitment Register.

Table 1: Commitment Register (Section 2) Explained

Commitment Reference	Each Commitment has a unique ID assigned to it to enable consultees to easily track the evolution of commitments throughout the development of the project.
Commitment Stage	Relates to the stage of the project when the Commitment was made.
Type	Details whether the Commitment is Primary, Secondary or Tertiary (see **Table 6-2** of **Volume ER.A.2, Chapter 6: EIA Methodology**).
Project Commitment	Details the Commitment made by the Project.
Project Phase	Details the project phase the commitment is relevant to (e.g. construction).
Project Aspect	Details the project aspect the commitment is relevant to.
Offshore Topic relevance	Details the offshore topics which the Commitment is relevant to. The user can filter by topic to allow all Commitments relevant to a specific topic to be seen. The Commitment will also be detailed within the identified Offshore Chapters of the EIAR.
How is the Commitment secured?	Details the mechanism for how the Commitment is to be legally secured (for example through inclusion of a consent condition).
When? **(e.g. pre-construction)**	Where Commitments are secured though a management Strategy or Plan this column provides details in relation to the timing for final approval of the Strategy or Plan.
Who? **(decision maker)**	Where Commitments are secured though a management Strategy or Plan this column provides details in relation to the decision maker for final approval of the Strategy or Plan.
Relevant Application Documents	Where Commitments are secured though a management Strategy or Plan, the Project has sought to provide an Outline of that Strategy or Plan. Where this is the case this is detailed within this column.

Commitment Reference	Commitment Stage	Type	Commitment	Project Phase	Offshore Topic relevance																			How is the Commitment secured?	When is the Commitment secured?	Who is the Regulator?	Relevant Application Documents
					Offshore ECC	Landfall	Offshore Array Area	Marine Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Seascape, Landscape and Visual Amenity	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Socio-economics (Combined)	Climate Change and Carbon (Offshore)	Major Accidents and Disasters (Offshore)				
Co1	Scoping	Primary	Appropriate scour protection will be put in place where required following the completion of a scour assessment.	Construction, Operation & Maintenance, and Decommissioning	X		X	X																Requirements for scour protection outlined in the Construction Method Statement under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	Marine Directorate-Licensing Operations Team (MD-LOT)	N/A
Co2	Scoping	Tertiary	A pre-construction geophysical cable route survey will be undertaken, the results of which will also be used to identify presence of seabed features of interest that may require further consideration prior to construction works.	Construction	X	X	X	X										X						Undertake Cable Burial Risk Assessment (CBRA) to determine required cable protection with an aim to minimise volume and spatial extent of protection. Secured under Section 36 and/or Marine Licence consent conditions.	when CBRA is undertaken pre-construcion	MD-LOT	N/A
Co3	Scoping	Tertiary	All Project vessels will follow the requirements set out in The International Convention for the Prevention of Pollution from Ships (MARPOL).	Construction, Operation & Maintenance, and Decommissioning	X		X		X													X		Detailed in the Cable Plan which is required under Section 36 and/or Marine Licence consent conditions. Secured through the Marine Pollution Prevention Plan under Section 36 consent and/or Marine Licence conditions	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co4	Scoping	Primary	Drill mud discharge will be kept to as low as practicable and will be water-based, rather than oil-based, with minimum drilling lubricants used during the final exit phase onto the seabed.	Construction	X	X			X															Required under Section 36 and/or Marine Licence consent conditions	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co5	EIA	Tertiary	During trenchless installation methods, best practice will be followed to minimise the risk of bentonite entering the marine environment.	Construction	X	X			X															Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co6	EIA	Primary	The locations of the anchors will be determined in advance (of construction) using survey information, therefore the location of each anchor will be chosen based on technical performance and to minimise the need for seabed preparation where practicable. (i.e. avoid pock marks or straddling through micrositing).	Construction			X		X															Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co7	EIA	Tertiary	Adherence with the International Convention for the Control and Management of Ships' Ballast Water and Sediments, 2004 (BWM Convention).	Construction, Operation & Maintenance, and Decommissioning	X		X		X	X														Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co8	Scoping	Tertiary	An Appropriate Code of Constuction Practice (CoCP) will be developed and adhered to.	Construction	X		X			X														Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co9	Scoping	Tertiary	Construction Environmental Management Plan (CEMP) will be developed and will include details of: - A Marine Pollution Contingency Plan (MPCP) to address the risks, methods and procedures to protect the Offshore Development Area from potential polluting events associated with the Salamander Project; - A chemical risk review to include information regarding how and when chemicals are to be used, stored and transported in accordance with recognised best practice guidance; - A biosecurity plan (offshore) detailing how the risk of introduction and spread of invasive non-native species will be minimised; - Waste management and disposal arrangements; and - Protocol for management of Dropped Objects.	Construction	X		X	X	X	X	X		X	X	X				X			X		Required under Section 36 and/or Marine Licence consent conditions	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	Outline CEMP (ER.A.6.P.1)
Co10	Scoping	Tertiary	Operational Environmental Management Plan (OEMP) will be developed and will include details of: - A Marine Pollution Contingency Plan (MPCP) to address the risks, methods and procedures to protect the Offshore Development Area from potential polluting events associated with the Salamander Project; and - Waste management and protection of the marine environment.	Operation & Maintenance	X		X		X	X	X		X		X							X		Required under Section 36 and/or Marine Licence consent conditions	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	Outline OEMP (ER.A.6.P.2)

Commitment Reference	Commitment Stage	Type	Commitment	Project Phase	Offshore Topic relevance																			How is the Commitment secured?	When is the Commitment secured?	Who is the Regulator?	Relevant Application Documents
					Offshore ECC	Landfall	Offshore Array Area	Marine Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Seascape, Landscape and Visual Amenity	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Socio-economics (Combined)	Climate Change and Carbon (Offshore)	Major Accidents and Disasters (Offshore)				
Co11		Tertiary	A Vessel Management Plan (VMP) will be developed and include details of: - Vessel routing to and from construction sites and ports, - Vessel notifications including Notice to Mariners and Kingfisher Bulletin; and - Code of conduct for vessel operators including for the purpose of reducing disturbance and collision with marine fauna.	Construction, Operation & Maintenance, and Decommissioning	X		X						X	X	X	X				X			X	Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co12	EIA	Tertiary	Reducing Localised Habitat Loss. Best practice will be followed to ensure that potential habitat loss is minimised throughout the proposed works (e.g. micrositing and minimising the benthic footprint of the Offshore Development).	Construction and Operation & Maintenance	X		X			X												X		The final Project layout will be presented within the Cable Plan and Design Specification and Layout Plan. Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co13	EIA	Primary	The substructures will be designed to withstand a certain level of marine growth; however, to manage weight / drag-induced fatigue, growth levels will be inspected regularly, and subsequent removal of this growth will be undertaken using water jetting tools if substantial accumulation is in excess of design limits is in evidence.	Operation & Maintenance	X		X			X														Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co14	Scoping	Primary	Avoidance of sensitive features during cable routing wherever practicable. Cables will be buried as the primary cable protection method, however other cable protection methods will be used where adequate burial cannot be achieved. A Cable Burial Risk Assessment (CBRA) will be completed to determine suitable cable protection measures, and will be implemented within relevant Project plans.	Construction and Operation & Maintenance	X		X	X		X	X			X	X	X									Undertake CBRA to determine required cable protection with an aim to minimise volume and spatial extent of protection. Secured under Section 36 and/or Marine Licence consent conditions.	when CBRA is undertaken pre-construcion	MD-LOT	N/A
Co15	Scoping	Tertiary	Development and adherence to a Piling Strategy which defines how the noise mitigation measures will be implemented if piling forms part of the final Project Description (e.g. soft-start and ramp-up procedures) to reduce potential underwater noise effects during construction.	Construction			X				X													Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co16	Scoping	Tertiary	Marine Mammal Mitigation Protocols (MMMP) for pile driving, geophysical surveys and Unexploded Ordnance (UXO) clearance (if needed) will be implemented. The mitigation measures will be informed by relevant guidance such as: - Joint Nature Conservation Committee (JNCC) (2010): JNCC guidelines for minimising the risk of injury and disturbance to marine mammals from seismic surveys; - JNCC (2010): JNCC guidelines for minimising the risk of injury to marine mammals from using explosives; and - JNCC (2017): JNCC guidelines for minimising the risk of injury to marine mammals from geophysical surveys. UXO MMMP to ensure the risk of auditory injury (Permanent Threshold Shift (PTS)) from UXO clearance is reduced. Piling MMMP to ensure the risk of auditory injury (PTS) from piling of anchors is reduced. Decommissioning MMMP to ensure the risk of auditory injury (PTS) from decommissioning activities is reduced.	Construction, Operation & Maintenance, and Decommissioning	X		X					X													Established within the design principles of the Project and secured under Section 36 and/or Marine Licence consent conditions	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co17	EIA	Tertiary	Mooring lines and floating dynamic Inter-array Cables will be inspected according to the maintenance plan to confirm the structural integrity of the cable systems using a risk-based adaptive management approach. During these inspections, the presence of discarded fishing gear will be evaluated for entanglement risk and appropriate actions to remove will be taken if deemed necessary.	Operation & Maintenance			X				X	X	X											Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co18	Scoping	Tertiary	All vessels will comply with relevant best practice navigational safety guidance from the International Regulations for the Prevention of Collisions at Sea (COLREGS) and the International Regulations for the Safety of Life at Sea (SOLAS).	Construction, Operation & Maintenance, and Decommissioning	X		X							X	X				X			X	Secured under Section 36 and/or Marine Licence consent conditions via VMP	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A

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Co19	Scoping	Tertiary	Development and adherence to a Fisheries Management and Mitigation Strategy (FMMS) e.g. appointment of Fisheries Liaison Officer (FLO) and Fisheries Industry Representative (FIR), implementation of gear claim procedures and use of Guard vessels where required.	Construction, Operation & Maintenance, and Decommissioning	X		X							X					X			X	Secured under Section 36 and/or Marine Licence consent conditions via FMMS	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	Outline FMMS (ER.A.6.P.3)
Co20	EIA	Primary	The maximum blade tip height is 310 m (above Ordnance Datum Newlyn (ODN)) which has been reduced from 325 m (above ODN) proposed at scoping.	Construction, Operation & Maintenance, and Decommissioning			X									X	X							Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co21	Scoping	Primary	Marine Archaeological and Cultural Heritage receptors identified on the seabed within and adjacent to the Offshore Development Area will be subject to mitigation, via an Archaeological Exclusion Zone (AEZ), Temporary AEZ and/or Area of Archaeological Potential. These will be detailed and monitored through the Written Scheme of Investigation (WSI) as part of the tertiary mitigation.	Construction, Operation & Maintenance, and Decommissioning	X		X											X						Secured under Section 36 and/or Marine Licence consent conditions via WSI and Protocols for Archaeologcal Discoveries (PAD).	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	WSI and PAD (ER.A.6.P.4)
Co22	Scoping	Primary	Within the WSI, geotechnical cores will be undertaken post-consent and will be preceded by a method statement for curatorial review. These cores will be located to avoid any known seabed and intertidal heritage assets. Core logs will be reviewed to assess presence/ absence of deposits or archaeological interest. Geophysical and hydrographic data will be used to inform the Marine Archaeology and Cultural Heritage Environmental Impact Assessment (EIA). This would be undertaken in line with best practice guidance. Review of new geophysical and geotechnical data will be undertaken as part of the WSI, with appropriate method statements produced. Review of geotechnical core location, acquisition and storage methodology prior to survey, core logs and photos will be completed as a minimum, with potential for a staged approach for any cores of archaeological interest. Core acquisition will also be subject to Protocols for Archaeologcal Discoveries (PAD) and a watching brief or training for online review (where appropriate).	Construction	X		X												X					Secured under Section 36 and/or Marine Licence consent conditions via WSI.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	WSI and PAD (ER.A.6.P.4)
Co23	Scoping	Tertiary	The preparation of a Marine Archaeological and Cultural Heritage WSI and PAD to avoid or mitigate accidental impacts and manage discoveries of archaeological interest.	Construction, Operation & Maintenance, and Decommissioning	X		X											X						Secured under Section 36 and/or Marine Licence consent conditions via WSI.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co24	Scoping	Tertiary	Standard 500 m safety zones will be applied around substructure elements during construction, decommissioning and major maintenance works and safety zones of up to 50 m during pre-commissioning works. Additionally, 500 m advisory safe passing distance will also be requested around all project vessels undertaking major works and restriction of navigation rights within the Offshore Array Area will be considered under Section 36A.	Construction, Operation & Maintenance, and Decommissioning	X		X							X	X				X				Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co25	EIA	Tertiary	As per required consent conditions, the details of the Offshore Development will be promulgated in advance of, and during, construction via channels such as Notices to Mariners and Kingfisher bulletins to ensure shipping and navigation users are informed about ongoing and upcoming works.	Construction, operation, maintenance, and decommissioning	X		X												X				Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co26	Scoping	Tertiary	Adherence to relevant cable crossing plans and protocols, whereby all crossings of infrastructure will follow standard industry practice by OGUK (2015) and cable proximity and crossing agreements will be implemented.	Construction	X		X												X				Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co27	Scoping	Tertiary	Consultation with owners and operators of other offshore infrastructure will occur to manage any works undertaken during the construction, operation and maintenance and decommissioning phases of the Salamander Project.	Construction, Operation & Maintenance, and Decommissioning	X		X												X				Secured through consultation with asset owners, and subsequent Crossing Agreements.	Once Crossing Agreements are confirmed		N/A

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Co28	EIA	Tertiary	A Decommissioning Programme will be developed and adhered to for the decommissioning phase of the Salamander Project, however the plan will be further developed and updated to reflect best practice at the time of decommissioning.	Decommissioning	X		X			X										X		X	X	Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co29	EIA	Primary	Project infrastructure will be designed to withstand changes to environmental conditions as a result of climate change by adhering to relevant industry best practices and codes.	Construction, Operation & Maintenance, and Decommissioning	X		X														X		Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co30	EIA	Tertiary	A Cable Plan will be produced prior to construction of the Offshore Export Cable(s) which will include; details of cable depth of lowering; a detailed cable laying plan which ensures safe navigation is not compromised; details of cable protection for each cable crossing; and proposals for monitoring of offshore cable.	Construction, Operation & Maintenance, and Decommissioning	X		X	X							X							X	Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co31	EIA	Tertiary	An Emergency Response Cooperation Plan (ERCoP) will be developed through consultation with the Maritime Coastguard Agency (MCA) which will encompass appropriate risk assessments and designated evacuation plans for site personnel in the unlikely event of a fire breaking out on board vessels supporting the Offshore Development.	Construction, Operation & Maintenance, and Decommissioning	X		X								X	X						X	The production and approval of an ERCoP will be a condition of the Section 36 consent and/or Marine Licence.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co32	EIA	Primary	Minimum spacing of one kilometre between each Wind Turbine Generator (WTG), measured from the centre of each WTG tower.	Construction, Operation & Maintenance, and Decommissioning			X															X	Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co33	Scoping	Tertiary	Compliance with MGN 654 and its annexes and completion of a Search and Rescue (SAR) checklist where applicable.	Construction, Operation & Maintenance, and Decommissioning	X		X								X								Secured under Section 36 and/or Marine Licence consent conditions via VMP.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co34	Scoping	Tertiary	The Salamander Project will provide details of offshore development to facilitate appropriate marking of all infrastructure on UK Hydrographic Office (UKHO) Admiralty Charts to the UKHO.	Construction, Operation & Maintenance, and Decommissioning	X		X							X	X								Secured under Section 36 and/or Marine Licence consent conditions via VMP and FMMS.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co35	Scoping	Primary	Blade clearance of ≥ 22 m above Mean High Water Springs (MHWS) (in line with Royal Yachting Association's (RYA) policy (RYA, 2019)).	Construction, Operation & Maintenance, and Decommissioning			X								X								Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co36	Scoping	Tertiary	The Salamander Project will utilise Guard vessel(s), as required by risk assessment.	Construction, Operation & Maintenance, and Decommissioning	X		X							X	X								Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co37	EIA	Secondary	Consultation with MCA and Northern Lighthouse Board (NLB) on clearance depths once underkeel clearance is confirmed to reduce interaction with subsea infrastructure to As Low As Reasonably Practicable (ALARP).	Construction, Operation & Maintenance, and Decommissioning			X								X								Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent following consultation with MCA and NLB.	MD-LOT	N/A

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Co38	EIA	Secondary	Consultation with MCA and NLB on any necessary mitigations once wet storage design requirements are known.	Construction			X								X								Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent following consultation with MCA and NLB.	MD-LOT	N/A
Co39	Scoping	Tertiary	All structures of more than 91.4 m in height will be charted on aeronautical charts and reported to the Defence Geographic Centre (DGC), which maintains the UK's database of tall structures (Digital Vertical Obstruction File(DVOF)) at least ten weeks prior to construction.	Construction			X									X							Consultation with the CAA, Maritime and Coastguard Agency (MCA), Ministry of Defence (MoD) and Northern Lighthouse Board (NLB) prior to agreement of the Lighting and Marking Plan (LMP) and the Design Specification and Layout Plan (DSLP). Both the LMP and the DSLP will be conditions of the Section 36 and/or Marine Licence consent.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co40	Scoping	Tertiary	Any temporary obstacles associated with wind farms which are of more than 91.4 m in height (e.g. construction infrastructure such as cranes and/or meteorological masts) are to be alerted to aircrews by means of the Notice to Airmen (NOTAM) system.	Construction and Decommissioning			X									X							Consultation with Civil Aviation Authority (CAA) will be required to ensure that temporary obstacles of more than 91.4 m are identified to aircrews by NOTAM. Notification of temporary obstacles will be a condition of the Section 36 and/or Marine Licence consent.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co41	Scoping	Tertiary	Civil Aviation Authority (CAA) will be informed of the locations, heights and lighting status of the wind turbines, including estimated and actual dates of construction and the maximum heights of any construction equipment to be used, prior to the start of construction.	Construction			X									X							Consultation with CAA will be required. Inclusion of locations, heights and lighting status of the wind turbines on aviation charts and in the UK Integrated Aeronautical Information Package (IAIP) will be a condition of the Section 36 and/or Marine Licence consent.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co42	EIA	Secondary	Radar blanking, infill and a Transponder Mandatory Zone (TMZ) will be implemented, if required, to reduce wind turbine impact to National Air Traffic Services (NATS) radar systems.	Operation & Maintenance			X									X							Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co43	EIA	Secondary	The Salamander Project is in the process of agreeing a solution with the Ministry of Defence (MOD) that will mitigate the impact that the Salamander WTGs will have upon the performance of the Air Defence Radar (ADR) located at Remote Radar Head (RRH) Buchan.	Operation & Maintenance			X									X							Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co44	EIA	Primary	Mooring lines and floating dynamic Inter-array Cables will be inspected according to the maintenance plan to confirm the structural integrity of the cable systems using a risk-based adaptive management approach. During these inspections, the presence of marine debris and occurrence of discarded fishing gear will be evaluated and appropriate actions to remove will be taken if deemed necessary to reduce the risk of establishment of INNS.	Operation & Maintenance	X		X				X														Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co45	EIA	Tertiary	Where scour protection is required, MGN 654 will be adhered to with respect to changes greater than 5% to the under keel clearance in consultation with the Maritime and Coastguard Agency (MCA).	Construction, Operation & Maintenance, and Decommissioning	X		X								X								Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A

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Co46	EIA	Tertiary	Advance warning and accurate location details of construction, maintenance and decommissioning operations, associated Safety Zones and advisory passing distances will be given via Notifications to Mariners and Kingfisher.	Construction, Operation & Maintenance, and Decommissioning	X		X															X	Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co47	EIA	Tertiary	Safe systems of work processes will be complied with including monitoring weather forecasts for suitability.	Construction, Operation & Maintenance, and Decommissioning	X		X															X	Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co48	EIA	Primary	The installation of the submarine cables at landfall will be carried out using trenchless methods, being the entry pit at the Transition Joint Bay location and the exit pit no closer than 200 m below the Mean High Water Springs (MHWS).	Construction	X	X				X													Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co49	EIA	Tertiary	To support the local supply chain to make ready for large-scale opportunities predicted from the commercial ScotWind process, the Salamander Project, upon recieveing consent, has committed to advertise all relevant opportunities to pertinent Scottish companies, especially small to medium-sized enterprises. The Salamander Project will hold 'Meet the buyer days' to encourage local-based companies to tender for supply chain opportunities.	Construction and Operation & Maintenance	X	X	X													X			Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co50	EIA	Tertiary	The Community Liaison Officer (CLO) will aim to build a connection between the Salamander Project and the local community. A key role of the CLO will be to monitor and report any concerns raised by key stakeholders and the local community.	Construction and Operation & Maintenance	X	X	X													X			Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co51	EIA	Secondary	The Salamander Project will work closely with the other developers active in this region to develop a coordinated approach to construction in the nearshore region of the Offshore Export Cable Corridor (ECC) and fisheries liaison that seeks to minimise disruption to this receptor group. This will involve production of a joint Fisheries Management and Mitigation Strategy (FMMS).	Construction	X									X									Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co52	EIA	Primary	The Salamander Project has taken the decision to remove trenched landfall solutions from the design envelope as a landfall installation methodology and has committed to using a trenchless installation solution between Mean Low Water Springs (MLWS) and the landward side of the foredunes.	Construction and Operation & Maintenance	X	X	X	X															Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co53	EIA	Tertiary	Approval and implementation of a Lighting and Marking Plan (LMP) in agreement with Northern Lighthouse Board (NLB) and International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA). LMP will be in line with IALA Recommendation G1162 (IALA, 2021) including a buoyed construction area if required by NLB.	Construction, Operation & Maintenance, and Decommissioning	X		X								X			X					Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co54	EIA	Tertiary	Approval and implementation of a Lighting and Marking Plan (LMP) in agreement with the Civil Aviation Authority (CAA), which will set out specific requirements in terms of aviation lighting to be installed on the wind turbines, as required under Civil Aviation Publication (CAP) 764, CAA Policy and Guidelines on Wind Turbines (Version 6, February 2016) and will include details of: - Lights and their shape, colour and character; and - Notifications and Inspections.	Construction, Operation & Maintenance, and Decommissioning			X									X	X						The LMP will be prepared in consultation with the CAA, MoD and MCA and will take into account requirements for aviation lighting as specified in Article 223 of the UK ANO, 2016 and changes to ICAO Annex 14 Volume 2, Chapter 6, paragraph 6.2.4 promulgated in November 2016. The production and approval of a LMP will be a condition of the Section 36 consent and/or Marine Licence.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co55	EIA	Tertiary	During Construction the mooring system and attachment points will undergo Third-Party Verification (TPV) to ensure that the mooring system meets the required standards.	Construction			X															X	Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A

Commitment Reference	Commitment Stage	Type	Commitment	Project Phase	Offshore Topic relevance																			How is the Commitment secured?	When is the Commitment secured?	Who is the Regulator?	Relevant Application Documents
					Offshore ECC	Landfall	Offshore Array Area	Marine Physical Processes	Water and Sediment Quality	Benthic and Intertidal Ecology	Fish and Shellfish Ecology	Marine Mammals	Offshore Ornithology	Commercial Fisheries	Shipping and Navigation	Aviation and Radar	Seascape, Landscape and Visual Amenity	Marine Archaeology and Cultural Heritage	Other Users of the Marine Environment	Socio-economics (Combined)	Climate Change and Carbon (Offshore)	Major Accidents and Disasters (Offshore)				
Co56	EIA	Tertiary	Continuous monitoring of each Wind Turbine Generator (WTG) through Global Positioning System (GPS) or similar technology will be carried out in line with Maritime and Coastguard Agency (MCA) and Health and Safety Executive (HSE) guidance 'Regulatory expectations on moorings for floating wind and marine devices' (HSE and MCA, 2017). Each WTG will have an alarm system that alerts the Applicant when the floating substructure moves out of a pre-defined area.	Operation & Maintenance			X																	X	Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co57	EIA	Tertiary	Best efforts to employ local workforce for the suitable scopes of Salamander Project's contracting construction and operation and maintenance activities.	Construction and Operation & Maintenance	X	X	X													X			Through Project commitment to supply chain management	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A
Co58	EIA	Secondary	The Salamander Project will work with the other developers active in this region during construction to avoid, where reasonably practicable, potential overlap of piling activities between projects in order to minimise cumulative disturbance or damage to sensitive species due to underwater noise generated from temporary construction activities.	Construction			X				X												Secured under Section 36 and/or Marine Licence consent conditions.	Upon being granted the Marine Licence and Section 36 consent	MD-LOT	N/A