

The Great Grid Upgrade

Sea Link

Sea Link

Volume 7: Other Documents

Document 7.4.9: ~~Draft~~ Statement of Common Ground Between National Grid Electricity Transmission and the Harwich Haven Authority.

Planning Inspectorate Reference: EN020026

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Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009 Regulation 5(2)(q)

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Version

Date	Version	Status	Description / Changes
March 2025	A	DRAFT	Issued with DCO application
November 2025	B	DRAFT	Issued to PINS for Deadline 1
March 2026	C	DRAFT	Issued to PINS for Deadline 5
<u>April 2026</u>	<u>D</u>	<u>FINAL</u>	<u>Issued to PINS for Deadline 7</u>

1. Introduction

1.1 Overview

- 1.1.1 This Statement of Common Ground (SoCG) has been prepared to support the application ('The Application') for the Sea Link Project ('Proposed Project') made by National Grid Electricity Transmission Ltd ('the Applicant'). The Application was submitted to the Secretary of State for a Development Consent Order (DCO) and accepted for examination on the 23 April 2025.
- 1.1.2 A Statement of Common Ground (SoCG) is an established means in the planning process of allowing all parties to identify and focus on specific issues that may need to be addressed during the Examination. It is prepared jointly between the Applicant and another party(s) and sets out matters of agreement between both parties, as well as matters where there is not an agreement. It also details matters that are under discussion.
- 1.1.3 The aim of a SoCG is to help the Examining Authority manage the Examination Phase of a DCO application. Understanding the status of the matters at hand will allow the Examining Authority to focus their questioning and provide greater predictability for all participants in examination. A SoCG may be submitted prior to the start of or during Examination and then updated as necessary or as requested during the Examination Phase.

1.2 This Statement of Common Ground

- 1.1.4 This SoCG has been prepared between the Applicant and the Harwich Haven Authority (HHA). It has been prepared in accordance with the guidance published by the Ministry of Housing, Communities and Local Government (Ministry of Housing, Communities and Local Government, 2024).
- 1.1.5 An early draft SoCG was prepared by the Applicant to submit with the DCO application, based on engagement with HHA throughout development of the Proposed Project. Since the submission of the Application, the Applicant has continued to work with HHA to resolve issues as the project progresses through the Pre-Examination and Examination phases.

This draft SoCG was shared with the HHA shortly before Deadline 1. Due to the limited time before the deadline, no comments have yet been received on this version. Any new matters added since then are marked as "under discussion." The Applicant will continue collaborating with the HHA to resolve issues during the Examination phase and will update future versions of the SoCG to reflect any agreements reached.
- 1.1.6 This SoCG will be progressed during the pre-examination and examination periods to reach a final position between the Applicant and HHA and to clarify if any issues remain unresolved. This SoCG will be revised and updated as appropriate and/or required by the Examining Authority at relevant examination deadlines.

1.2.1 For the purpose of this SoCG, the Applicant and the HHA will jointly be referred to as the 'Parties'. When referencing the HHA alone, they will be referred to as 'the Consultee'.

1.3 Role of the Harwich Haven Authority in the DCO Process

- 1.3.1 The Consultee is a trust port originally established by parliamentary statute, which was established in 1863 by the Harwich Harbour Act in order to preserve 150 square miles of the Haven.
- 1.3.2 The Consultee is responsible for the maintenance, conservation and protection of the Harwich Haven, which 40% of the country's container traffic travels through. The Consultee designates areas, routes or channels which vessels must or must not use, plans and coordinates the safe movement of vessels and takes any action needed for the maintenance, operation, improvement and conservation of the Haven.
- 1.3.3 The Consultee is an independent organisation with no shareholders and income is generated via the services that the Consultee provides. The Consultee is accountable to many stakeholders, such as government bodies like the Department for Transport, commercial users, community, employees and recreational users; and acts on behalf of these stakeholders in order to provide what is in the best interests of each stakeholder.

1.4 Description of the Proposed Project

- 1.4.1 The Proposed Project is a proposal by the Applicant to reinforce the transmission network in the South East and East Anglia. The Proposed Project is required to accommodate additional power flows generated from renewable and low carbon generation, as well as accommodating additional new interconnection with mainland Europe.
- 1.4.2 The Applicant owns, builds and maintains the electricity transmission network in England and Wales. Under the Electricity Act 1989, the Applicant holds a transmission licence under which it is required to develop and maintain an efficient, coordinated, and economic electricity transmission system.
- 1.4.3 This would be achieved by reinforcing the network with a High Voltage Direct Current (HVDC) Link between the proposed Friston substation in the Sizewell area of Suffolk and the existing Richborough to Canterbury 400 kV overhead line close to Richborough in Kent.
- 1.4.4 The Applicant is also required, under Section 38 of the Electricity Act 1989, to comply with the provisions of Schedule 9 of the Act. Schedule 9 requires licence holders, in the formulation of proposals to transmit electricity, to:
- Schedule 9(1)(a) “...have regard to the desirability of preserving natural beauty, of conserving flora, fauna and geological or physiographical features of special interest and of protecting sites, buildings and objects of architectural, historic or archaeological interest;” and
 - Schedule 9(1)(b) “...do what [it] reasonably can to mitigate any effect which the proposals would have on the natural beauty of the countryside or on any such flora, fauna, features, sites, buildings or objects.”
- 1.4.5 The Proposed Project would comprise the following elements:

The Suffolk Onshore Scheme

- A connection from the existing transmission network via Friston Substation, including the substation itself. Friston Substation already has development consent as part of other third-party projects. If Friston Substation has already been constructed under

another consent, only a connection into the substation would be constructed as part of the Proposed Project.

- A high voltage alternating current (HVAC) underground cable of approximately 1.9 km in length between the proposed Friston Substation and a proposed converter station (below).
- A 2 GW high voltage direct current (HVDC) converter station (including permanent access from the B1121 and a new bridge over the River Fromus) up to 26 m high plus external equipment (such as lightning protection, safety rails for maintenance works, ventilation equipment, aerials, similar small scale operational plant, or other roof treatment) near Saxmundham.
- A HVDC underground cable connection of approximately 10 km in length between the proposed converter station near Saxmundham, and a transition joint bay (TJB) approximately 900 m inshore from a landfall point (below) where the cable transitions from onshore to offshore technology.
- A landfall on the Suffolk coast (between Aldeburgh and Thorpeness).

The Offshore Scheme:

- Approximately 122 km of subsea HVDC cable, running between the Suffolk landfall location (between Aldeburgh and Thorpeness), and the Kent landfall location at Pegwell Bay.

The Kent Onshore Scheme:

- A landfall point on the Kent coast at Pegwell Bay.
- A TJB approximately 800 m inshore to transition from offshore HVDC cable to onshore HVDC cable, before continuing underground for approximately 1.7 km to a new converter station (below).
- A 2 GW HVDC converter station (including a new permanent access off the A256), up to 28 m high (2 m allowance for ground level rise plus 26 m converter station) plus external equipment such as lightning protection, safety rails for maintenance works, ventilation equipment, aerials, and similar small scale operational plant near Minster. A new substation would be located immediately adjacent.
- Removal of approximately 2.2 km of existing HVAC overhead line, and installation of two sections of new HVAC overhead line, together totalling approximately 3.5 km, each connecting –from the substation near Minster and the existing Richborough to Canterbury overhead line.

1.4.6 The Proposed Project also includes modifications to sections of existing overhead lines in Suffolk (only if Friston Substation is not built pursuant to another consent) and Kent, diversions of third-party assets, and land drainage from the construction and operational footprint. It also includes opportunities for environmental mitigation and compensation. The construction phase will involve various temporary construction activities including overhead line diversions, use of temporary towers or masts, working areas for construction equipment and machinery, site offices, parking spaces, storage, accesses, bellmouths, and haul roads, as well as watercourse crossings and the diversion of public rights of way (PROWs) and other ancillary operations.

1.5 Format of Document and Terminology.

- 1.5.1 Section 2 of this SoCG summarises the engagement the Parties have had with regard to the Proposed Project.
- 1.5.2 Section 3 of this SoCG summarises the issues that are ‘agreed’, ‘not agreed’ or are ‘under discussion’. ‘Not agreed’ indicates a final position where the Parties have agreed to disagree, whilst ‘Agreed’ indicates where the issue has been resolved.
- 1.5.3 Abbreviations used within the SoCG are provided in Table 1.1.

Table 1.1 Abbreviations

Abbreviation/Term	Definition
ALARP	As Low as Reasonably Practicable
DCO	Development Consent Order
EIA	Environmental Impact Assessment
ES	Environmental Statement
RAM	Restricted Ability to Manoeuvre
RRZ	Recommended Restricted Zones
SIMOPS	Simultaneous Operations
TSS	Traffic Separation Scheme
UXO	Unexploded Ordnance

2. Record of Engagement

2.1 Summary of pre-application discussions

2.1.1 Table 2.1 summarises the consultation and engagement that has taken place between the Parties prior to submission of the DCO application.

Table 2.1 Pre-application discussions

Date	Topic	Discussion points
<i>03 June 2021</i>	<i>Shipping and navigation</i>	<i>Project introduction and indicative marine routeing.</i>
<i>12 July 2022</i>	<i>Shipping and navigation</i>	<i>Additional marine surveys.</i>
<i>09 September 2022</i>	<i>Shipping and navigation</i>	<i>Marine route refinement regarding the Inner Sunk Precautionary Area.</i>
<i>28 April 2023</i>	<i>Shipping and navigation consultation meeting and Hazard workshop</i>	<i>Shipping and navigation consultation, project update, scoping comments, data sources, assessment methodology. Presented initial results from Navigational Risk Assessment and conducted Hazard workshop to identify potential shipping and navigation impacts.</i>
<i>06 November 2023</i>	<i>Shipping and navigation</i>	<i>Discussion on survey area 3 of the marine survey.</i>
<i>15 December 2023</i>	<i>Shipping and navigation</i>	<i>Harwich Haven written response to consultation.</i>
<i>27 March 2024</i>	<i>Shipping and navigation</i>	<i>Email correspondence acknowledging revised routeing</i>
<i>February 2024</i>	<i>Shipping and navigation</i>	<i>In person meeting at HHA to discuss HHA written response to consultation</i>
<i>14 February 2024</i>	<i>Shipping and navigation</i>	<i>Email to HHA with previous meeting minutes, summarising NNA positions and Applicant responses</i>
<i>05 August 2024</i>	<i>Shipping and navigation</i>	<i>Letter response - further consultation</i>

2.2 Summary of post-application discussions

2.2.1 Table 2.2 summarises the consultation and engagement that has taken place between the Parties after the submission of the DCO application.

Table 2.2 Post-application discussions

Date	Topic	Discussion points
March 2025	HHA review of SoCG document	Further detail added on concerns including scheduling, exclusion zones, Protective Provisions, Sunk pilot boarding station
28 March 2025	Teams meeting between the Applicant and HHA to discuss SoCG	Discussion of areas of concern
May 2025	Relevant Representation from HHA on the Sea Link project	Shipping and navigation concerns including scheduling, exclusion and safety zones, cable joints, reduction of water depth, RAM SIMOPS, Sunk pilot boarding station, and coordination with other developments
07 Nov 2025	Shipping and Navigation	Teams meeting to discuss Relevant Rep and Water depth Safeguarding
19 January 2026	Shipping and Navigation	Monthly Teams Meeting with Port Authorities to discuss Concurrent RAM activities and Water depth Safeguarding
11 February 2026	Shipping and navigation	Confirmation via email of main concerns being concurrent working and protection of depths, and of alignment with PLA's "Sunk Pilot Boarding Area" Area of Safeguarded Depth
19 February 2026	Shipping and Navigation	Monthly Teams Meeting with Port Authorities to discuss Concurrent RAM activities and Water depth Safeguarding
<u>19 March 2026</u>	<u>Shipping and Navigation</u>	<u>Monthly Teams Meeting with Port Authorities to discuss Concurrent RAM activities and Water depth Safeguarding</u>
<u>27 April 2026</u>	<u>SoCG</u>	<u>Call with HHA to discuss SoCG</u>

3. Areas of Discussion Between the Parties

3.1 Assessment Methodologies

Table 3.1 Assessment Methodologies

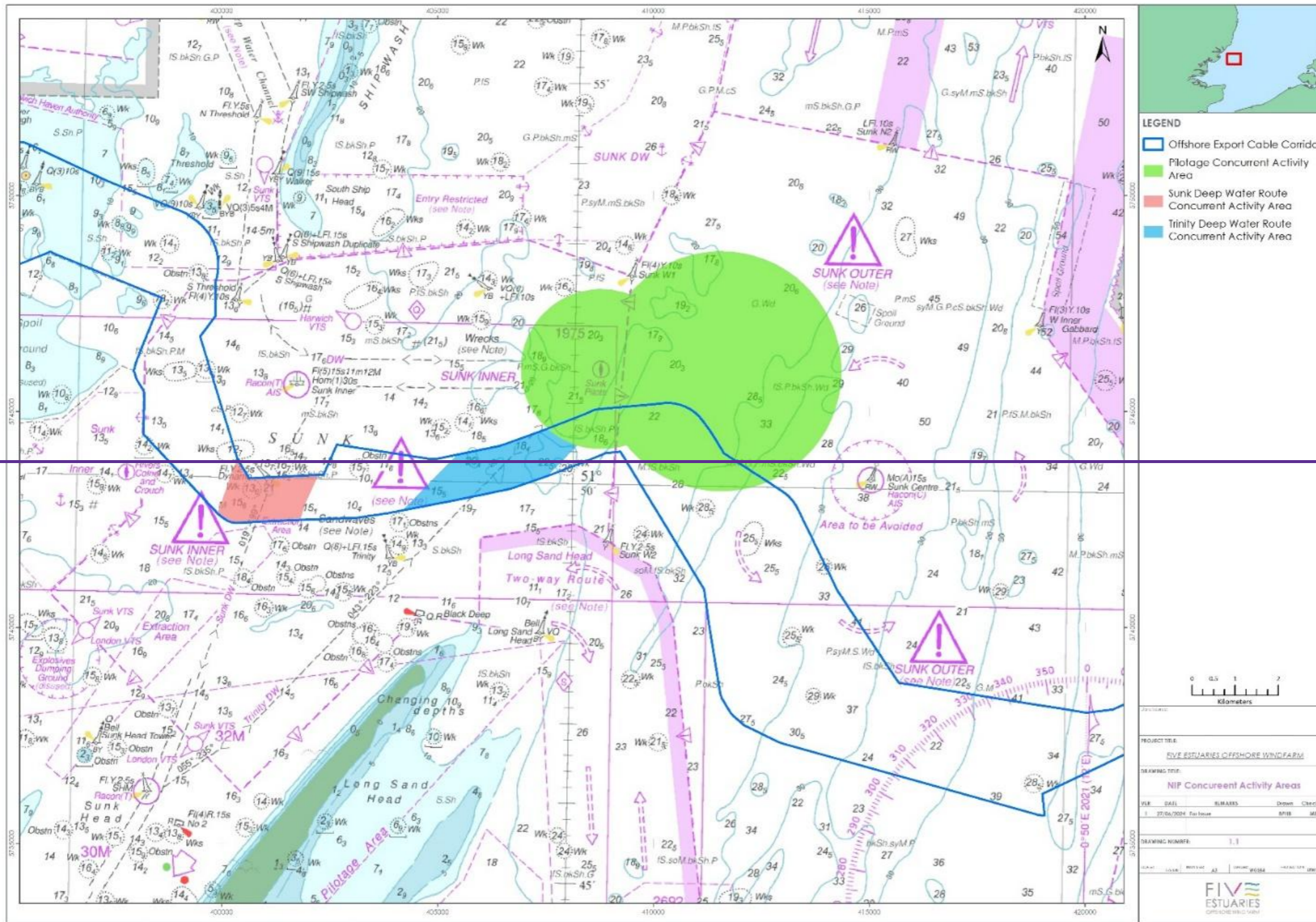
Ref	Relevant Application Document	Summary of Description of Matter	HHA Current Position	The Applicant's Current Position	Status
3.1.1	TBC	EIA Scoping Report	The Consultee has confirmed that the methodology and scope for the EIA as set out in the EIA Scoping Report is adequate	The scope of the EIA is adequate.	Agreed

3.2 Shipping and Navigation

Table 3.2 Shipping and Navigation

Ref	Relevant Application Document	Summary of Description of Matter	HHA Current Position	The Applicant's Current Position	Status
3.2.1		Harwich deep water channel approach	The Consultee deepened their channel in early autumn 2023 to 16.0 m below chart datum, to accommodate Megamax vessels which call at the Haven ports. These vessels are 400 m with a draught of 17.3 m, and they are quite greatly restricted in their ability to manoeuvre. From a collision point of view, they are very much restricted in where they can go.	<p>The Applicant notes the deepened Harwich Haven approach channel and confirms that the planned Project route does not cross the Harwich channel.</p> <p>The Proposed Project's Order Limits are more than 4.5 km from the Consultee's approach channel at both the Southwest Shipwash and Shipwash South buoys.</p>	Agreed
3.2.2	Application Document 6.2.4.7 (C) Part 4 Marine Chapter 7 Shipping and Navigation [REP4-035].	Scheduling	<p>The Consultee requests that no works conducted as part of the Proposed Project should run concurrently with works already planned by Five Estuaries and North Falls project operators in the area, as it is their opinion that this would cause an unacceptable level of navigation risk.</p> <p>The Consultee requests that no Restricted Ability to Manoeuvre (RAM) works conducted by the Proposed Project should run concurrently with RAM works already planned by the Five Estuaries and North Falls project developers in the Sunk area (or other future projects). It is the Consultee's opinion that this would cause an unacceptable level of navigational risk. Therefore, the Consultee insists that the Sea Link project liaise with other planned project teams and the Consultee to avoid this situation. This requirement for no RAM concurrent works, operations or activity must be written into the DCO.</p> <p>Concurrent RAM construction activity / SIMOPS in the Sunk area (highlighted green on the below chart section) has not been assessed the developer's navigation risk assessment. We do not consider the overt risk from more than one RAM operation in the defined area to be ALARP.</p> <p>If necessary, a first come first serve policy for RAM works will have to be instigated, although combined planning by the developers should avoid the need for this.</p> <p><u>The Consultee highlights that the green area on the image below was agreed in a meeting with the ports, MCA and Trinity House and the Applicant, Five Estuaries and North Falls. This area is the crucial area for HHA for no concurrent RAM operations.</u></p>	<p>The Applicant agrees with the Consultee that simultaneous operations (SIMOPS) between different projects undertaking RAM works would be undesirable <u>is a risk that must be (and is being) mitigated.</u> The Applicant <u>can confirm ongoing will</u> consultation with the other projects on timescales and <u>will</u> keep all of its marine stakeholders informed on any potential interactions. These mitigations are captured within Application Document 6.2.4.7 (C) Part 4 Marine Chapter 7 Shipping and Navigation [REP4-035].</p> <p>The Applicant confirms that the Navigational Installation Plan (NIP) is the most appropriate place to secure concurrent RAM operations. This also aligns with the approach taken in the Five Estuaries and North Falls DCO applications.</p> <p>The Applicant has produced a communication protocol in the form of a Navigation Installation Plan (NIP) to address this need for communication of construction details and enable collaboration with other offshore developments. The NIP establishes the plan for communication throughout key project phases, in particular the construction phase. This is noted in Application Document 6.2.4.7 (C) Part 4 Marine Chapter 7 Shipping and Navigation [REP4-035].</p> <p>The NIP also establishes the 'Concurrent Activity Area' within which such RAM SIMOPS restrictions would apply. The Applicant submitted a draft Outline NIP to PINS on 1 September 2025, as part of the Application Document - Applicant's response to the ExA's s89(3) letter 8 July 2025 & 5 August 2025 – 9.12 Outline Navigation and Installation Plan [AS-104].</p> <p>Further to the above, the Applicant confirms that an update to Application Document 9.12 (B) Outline Navigation and Installation Plan [REP4-076] was submitted at Deadline 4 which is secured within the deemed Marine Licence (dML) under</p>	Agreed Not Agreed <u>Under discussion</u>

Ref	Relevant Application Document	Summary of Description of Matter	HHA Current Position	The Applicant's Current Position	Status
			<p><u>The Consultee clarifies that they wish the matter of concurrent RAM activities to be secured within the dML as a Requirement.</u></p>	<p>Condition 4 <u>in which the outline plan must substantially accord.- (g)-</u></p> <p>Condition 4-(g) of the dML requires the Navigation and Installation Plan to be submitted to and approved by the MMO before works can commence. This Plan needs to be in accordance with the outline Plan (which already features the commitment). Once submitted to and approved by the MMO it forms part of the licensed activities which are enforced by the existing and comprehensive regulatory regime under the Marine and Coastal Access Act 2009.</p> <p>This document secures the HHAs request that no Restricted Ability to Manoeuvre (RAM) works conducted by the Proposed Project should run concurrently with RAM works already planned by the Five Estuaries and North Falls project developers in the areas defined within Plate 3.1 of Application Document 9.12 (B) Outline Navigation and Installation Plan [REP4-076] and outlined as the green area in the figure below, <u>and as described in section 3.3 of Application Document 9.12 (D) Outline Navigation and Installation Plan, submitted at Deadline 7.</u></p> <p><u>With the above in mind, the Applicant has followed the same approach to securing Concurrent RAM Activities mechanisms as that agreed for the Five Estuaries and North Falls projects with regards to securing Concurrent RAM Activities.</u></p>	



- LEGEND**
- ▬ Offshore Export Cable Corridor
 - Pilotage Concurrent Activity Area
 - Sunk Deep Water Route Concurrent Activity Area
 - Trinity Deep Water Route Concurrent Activity Area

0 0.5 1 2
Kilometers

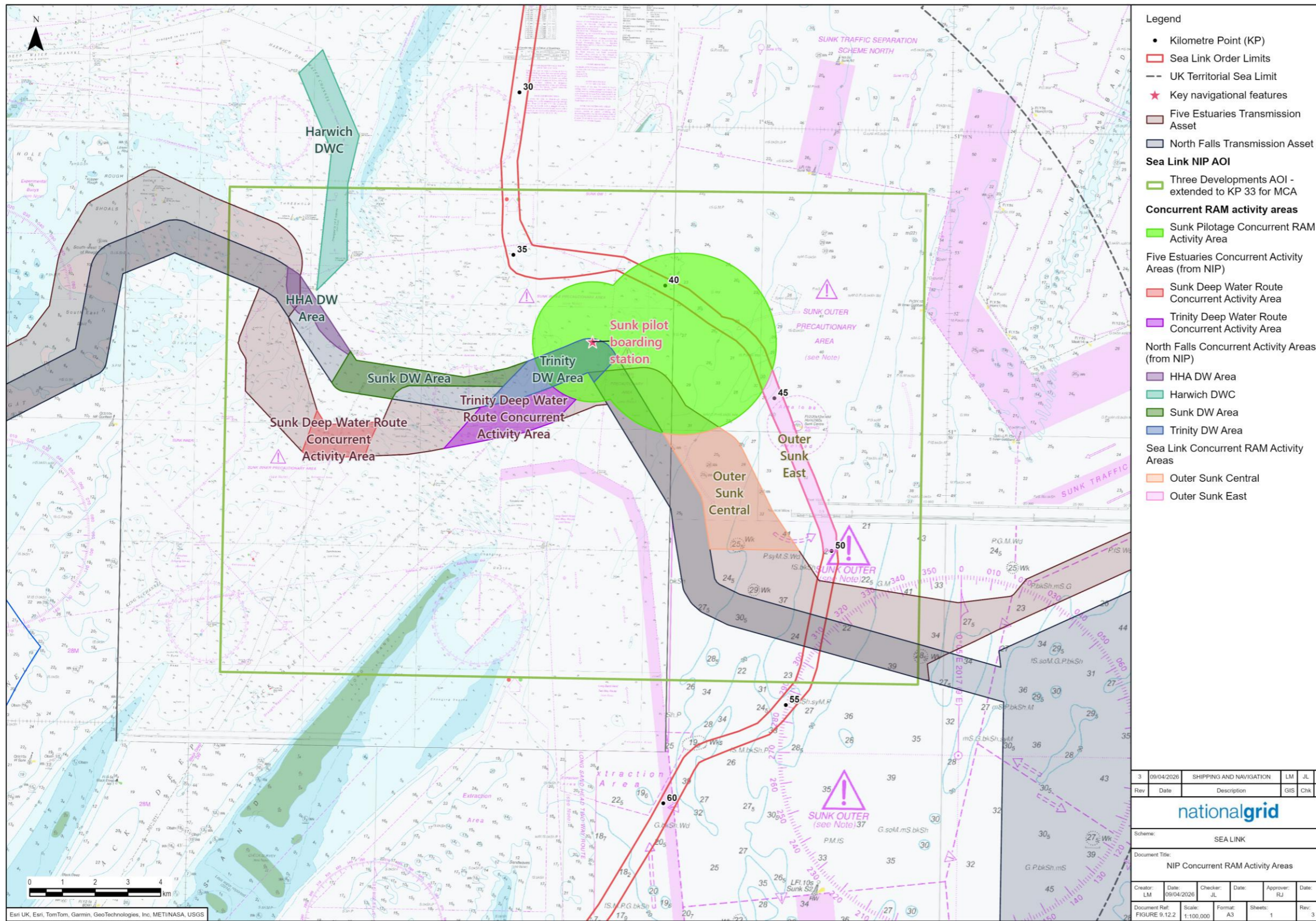
PROJECT TITLE:
FIVE ESTUARIES OFFSHORE WINDFARM

DRAWING TITLE:
NIP Concurrent Activity Areas

REV.	DATE	REVISIONS	Drawn	Checked
1	27/04/2024	For Issue	SP18	MA

DRAWING NUMBER:
1.1

FIVE ESTUARIES
OFFSHORE WINDFARM



3.2.3 Exclusion zones and safety zones

The Consultee states that exclusion zone(s) must not be put in place in the Sunk area or channel that would restrict 24/7/365

The Applicant confirmed that no exclusion zones would be sought for either installation or operation of the HVDC cable system.

Agreed Under Discussion

Ref	Relevant Application Document	Summary of Description of Matter	HHA Current Position	The Applicant's Current Position	Status
			<p>vessel access requirements or pilot boarding operations etc., and that safety zone(s) will not be able to impede vessel traffic movements within the Sunk area or normal operations such as pilot boarding.</p> <p>Key protective provisions: Exclusion zone(s) must not be put in place in the Sunk area or channel that would restrict 24/7/365 vessel access requirements or pilot boarding operations etc. Safety zone(s) must not impede vessel traffic movements within the Sunk area or normal operations such as pilot boarding.</p> <p><u>This area is managed by Sunk VTS. Guard vessels and other project vessels cannot be giving out other instructions to traffic such as indicating different safety distances for RRZ.</u></p> <p><u>Any zones need to be discussed, and HHA needs to be notified before the activity begins.</u></p>	<p>Rolling 500 m radius Recommended Restricted Zones (RRZs) will be in place around operation fleet vessels, to protect both operation fleet vessels (restricted in their ability to manoeuvre) and passing vessels from collision, as standard practice. This should not substantially impact the Sunk pilot boarding station, as the DF3 planned cable route is 2 km distant from the Sunk pilot station at the closest point. Any potential impact to the Sunk Pilot Station will be reduced to as low as reasonably practicable through the Navigation and Installation Plan.</p> <p><u>The project has committed to the following regarding RRZ, as stated within Application Document 9.84 (B) Register of Environmental Commitments (REAC) [REP4-234], (SN29) <i>Rolling 500 m radius Recommended Restricted Zones will be in place around construction vessels. Prior to construction, the Proposed Project will liaise with the Interested Parties to establish communication protocols regarding these RRZs.</i></u></p> <p>RRZs will be in force by guard vessel at all times during the operation including whilst passing through the Sunk TSS. RRZs would be established with communication to stakeholders and advanced notice to all and in liaison with Harwich and Sunk VTS. This is detailed in Application Document 6.2.4.7 (C) Part 4 Marine Chapter 7 Shipping and Navigation [REP4-035] and Application Document 6.3.4.7.A (C) ES Appendix 4.7.A Navigational Risk Assessment [REP4-048].</p> <p>The Applicant updated Application Document 9.84 (B) Register of Environmental Commitments (REAC) [REP4-234] at Deadline 4A to include a new commitment regarding no exclusion zones and updated the commitment regarding <u>RRZ safety zones</u>.</p> <p><u>The Applicant has edited the wording within the Application Document 9.12 (D) Outline Navigation and Installation Plan to provide more specificity that project vessels utilising RRZ will adhere to the instructions given by Sunk VTS. This will be available at Deadline 7 following discussions on 27/04/2026.</u></p> <p><u>Regarding the need of advance notice for ports before RAM activities are carried out, the Applicant has produced Protective Provisions with the Port of London Authority (PLA) which secure this matter further. In the PLA Protective Provisions, the project secures that it will consult the PLA on a pre-commencement Navigation and Installation Plan relating to the Areas of Safeguarded Depth.</u></p>	

Ref	Relevant Application Document	Summary of Description of Matter	HHA Current Position	The Applicant's Current Position	Status
3.2.4	Application Document 6.3.4.7.A ES Appendix 4.7.A Navigational Risk Assessment [APP-203]	Cable joints in the Sunk area	<p>The Consultee suggests that no cable joints are in locations in the Sunk area, due to the extra work that would be required in this busy shipping area, leading to increased navigational safety risk.</p> <p>The Consultee then clarified that a cable joint to the north of 'The Sunk Area' would be acceptable in the area bounded by the following:</p> <ul style="list-style-type: none"> • North of the Storm Buoy; • Northwest of the Whiskey 1 Buoy; and • East of the Shipwash. <p>It was also confirmed that a joint to the south of the Whiskey 2 Buoy would also be acceptable, but National Grid should check with other stakeholders.</p>	<p><u>Additionally in the London Gateway Port (LGPL) Protective Provisions, in the section "Minimising the Impact of Restricted Zones", the Applicant agrees to providing advance notice of carrying out any RRZ works within the Areas of Safeguarded Depth to LGPL's Harbour Master, and to hold pre-commencement meetings before RRZ works begin within each Area of Safeguarded Depth.</u></p> <p><u>These Protective Provisions are within the Application Document 3.1 (J) draft Development Consent Order, submitted will be published at Deadline 7.</u></p> <p>The Applicant acknowledges this request and has incorporated it into the design of the Proposed Project.</p> <p>The Proposed Project has committed to mitigating collision risk and avoiding disruption to the Sunk anchorage areas and Sunk pilot boarding areas (within the Sunk TSS) during <u>all phases construction by minimising time spent in this region during construction and avoiding cable joints in these areas where possible, considering appropriate cable burial depth and protection measures, and aiming for minimal reduction in under keel clearance as well as carefully considering the location of cable joints.</u> This is discussed in Application Document 6.3.4.7.A (C) ES Appendix 4.7.A Navigational Risk Assessment [REP4-048].</p> <p><u>The Proposed Project has also committed to the following, as noted in Application Document 9.84 Register of Environmental Actions and Commitments (REAC): SN20: No planned cable joints are permitted in the three Areas of Safeguarded Depth as defined in Application Document 9.104 Areas of Safeguarded Water Depth Plan.</u></p> <p>Further to the above, the Applicant confirms that Application Document 9.92 (A) Outline Cable Specification and Installation Plan [REP4-090] has been submitted at Deadline 4 which is secured within Condition 4 (a) of the deemed Marine Licence (dML). Condition 4 of the dML requires the Cable Specification and Installation Plan to be submitted to and approved by the MMO before works can commence. This Plan needs to be in accordance with the outline Plan (which already features the commitment). Once submitted to and approved by the MMO it forms part of the licences activities which are enforced by the existing and comprehensive regulatory regime under the Marine and Coastal Access Act 2009.</p> <p>This document secures the HHAs request that no cable joints are in locations in the Sunk area:</p>	<p><u>Agreed Under discussion</u></p>

Ref	Relevant Application Document	Summary of Description of Matter	HHA Current Position	The Applicant's Current Position	Status
3.2.5	Application Document 6.3.4.7.A ES Appendix 4.7.A Navigational Risk Assessment [APP-203]	Reduction of water depth/under keel clearance/cable depth	<p>The Consultee notes that the world's largest vessels use the Sunk and that anything that would affect the depth of vessels needs to be flagged with them. This would include rock berms or other cable protection.</p> <p>The Consultee states that in the Sunk area, cable depth needs to consider that the world's largest vessels may anchor and dredge anchors in emergency scenario.</p> <p>The cable depth must take into account the draught of current and future vessels and future dredging. Consider a maximum draught of 20 m plus 10% UKC, as such minimum depth required 22 m below chart datum.</p> <p>Key protective provisions: Requiring protective measures within the DCO to ensure that the cable route is at a suitable depth to ensure future deep draught vessels can navigate the Sunk area. The cable (and any covering material e.g. rock armour) must be at least 22 m below Chart Datum to allow future vessels with a draught of 20 m.</p> <p>The Consultee confirms that the geographic extent of the HHA's area of concern regarding water depth within the Sunk region aligns with the PLA's "Sunk Pilot Boarding area" Area of Safeguarded Depth.</p>	<p><i>There are no planned cable joints within the three Areas of Safeguarded Depth presented within Plate 1.2 [REP4-090], excluding the need for any unforeseen repairs during installation and/or the operational lifetime. If unforeseen repairs during installation and/or the operational lifetime occur within the three Areas of Safeguarded Water Depth, the Applicant would consult with the relevant Port Authorities.</i></p> <p>The Applicant also confirms a bespoke dML condition has been included in our Deadline 5 submission with regards to cable joints and a Requirement included for the three Areas of Safeguarded Depth outlined by the Port Authorities.</p> <p>The Applicant notes this request and has taken this into account in the design of the Proposed Project.</p> <p>These concerns surrounding under-keel clearance are noted and addressed in the Application Document 6.2.4.7 (C) Part 4 Marine Chapter 7 Shipping and Navigation [REP4-035] in Section 7.6.</p> <p>In line with MCA guidance, any anticipated areas where reductions in water depth may be greater than 5% will be discussed with the MCA and also relevant stakeholders including port and harbour authorities as required.</p> <p>The request for preserving a minimum water depth of 22 m below chart datum has been discussed with the Consultee. It has been confirmed that the HHA's area of concern regarding water depth within the Sunk region aligns with the PLA's "Sunk Pilot Boarding area" Area of Safeguarded Depth.</p> <p>Further to the above, the Applicant confirms that a Certified Plan (Application Document 9.104) for Areas of Safeguarded Water Depth has been submitted at Deadline 4 [REP4-098]. The Applicant also confirms that Application Document 9.92 Cable Specification and Installation Plan [REP4-090] has been submitted at Deadline 4 which is secured within the deemed Marine Licence (dML).</p> <p>Condition 4(a) of the dML requires the Cable Specification and Installation Plan to be submitted to and approved by the MMO before works can commence. This Plan needs to be in accordance with the outline Plan (which already features the commitment). Once submitted to and approved by the MMO it forms part of the licences activities which are enforced by the existing and</p>	Agreed Under discussion

Ref	Relevant Application Document	Summary of Description of Matter	HHA Current Position	The Applicant's Current Position	Status
				<p>comprehensive regulatory regime under the Marine and Coastal Access Act 2009.</p> <p>The DCO / dML is being <u>has been</u> updated and submitted at Deadline 5 [REP5-005] which will <u>secures</u> a Requirement for the three Areas of Safeguarded Depth outlined by the Port Authorities.</p>	
3.2.6	Application Document 6.2.4.7 Part 4 Marine Chapter 7 Shipping and Navigation [APP-80].	Project vessels with restricted ability to manoeuvre in the Sunk area	<p>The Consultee suggests that no project vessels with Restricted Ability to Manoeuvre (RAM) (cable laying, UXO clearance, survey etc) are to operate in the wider Sunk area when visibility is below nautical 2 miles.</p> <p>The Consultee recommended that National Grid consult the Sunk VTS.</p> <p><u>The Consultee's view is that this visibility commitment could be added into the wider concurrent RAM activity Requirement mentioned in reference 3.2.2.</u></p>	<p>The Applicant notes this request and has taken this into account in Proposed Project design and planning, while noting that some operations cannot be halted once they commence. The Applicant will aim to avoid <u>commits to avoiding</u> RAM activities within the Sunk area when visibility is below 2 NM. <u>The Applicant's approach to the above is captured within the oNIP (Application Document 9.12 9-(CB) Outline Navigation and Installation Plan [REP6-099]), noting this this document has been updated at Deadline 6 and will be finalised in Application Document 9.12 (D) Outline Navigation and Installation Plan, submitted at Deadline 7.</u></p> <p>This mitigation is captured within Application Document 6.2.4.7 (C) Part 4 Marine Chapter 7 Shipping and Navigation [REP4-035].</p> <p>The Applicant participated in the January 2025 Sunk VTS User Group meeting to provide a project update and remains committed to ongoing engagement with these stakeholders. Additionally, Sunk VTS is identified as an Interested Party in the Application Document 9.12 (B) Outline Navigation and Installation Plan [REP4-076].</p> <p>Further to the above, the Applicant confirms that an update to Application Document 9.12 9 (B) Outline Navigation and Installation Plan was submitted at Deadline 4 <u>[REP4-076]</u> which is secured within the deemed Marine Licence (dML).</p> <p><u>The Applicant has committed to: SN12: The Applicant shall adhere to the approach to Restricted Ability to Manoeuvre operations in visibilities of below 2 nautical miles as outlined in the Outline Navigation and Installation Plan (NIP) secured within the Deemed Marine Licence. This document secures the HHAs request that Restricted Ability to Manoeuvre operations in the Sunk area should be avoided where practicable in visibilities of below 2 nautical miles. This commitment is also secured within Application Document 9.84 (B) Register of Environmental Commitments (REAC) [REP4-234].</u></p> <p>Condition 4 of the dML requires the Navigation and Installation Plan to be submitted to and approved by the MMO before works</p>	<p>Agreed <u>Not Agreed</u> <u>Under discussion</u></p>

Ref	Relevant Application Document	Summary of Description of Matter	HHA Current Position	The Applicant's Current Position	Status
3.2.7	Proximity to Sunk pilot boarding station	<p>The Consultee is concerned at the proximity of the planned Project routeing to the Sunk pilot boarding station. There is a marked pilot boarding diamond for Sunk pilot station on the charts, however vessels board approximately 1-1.5 miles east of that.</p> <p>The Consultee expresses concern at the potential for disruption to such vessels visiting Harwich Haven, noting that the Haven trade gateway is critical to UK PLC and pilotage services cannot be interrupted. Delayed or missed Megamax arrivals would cause significant cost implications to Harwich Haven Authority. The ports industry is highly competitive and dissatisfied shipping lines are highly likely to look for an alternative port, potentially in Europe, if they do not receive the service standards they require.</p> <p>The Consultee states that due to the location of the Sunk Pilot station and the large vessel transiting the Sunk area, the Consultee requires that the cable installation (and associated works) is north of both the Storm Buoy and the W1 buoy, and south of the charted Sunk deepwater anchorage. Moving south of the Storm or W1 buoys would not be considered safely achievable and would add an unacceptable level of navigational risk (not ALARP).</p> <p><u>5 August 2024:</u></p> <p>The Consultee notes the location of the red line development area for the cable route and that this area now passes to the north of both the Storm Buoy and the W1 buoy, and south of the charted Sunk deepwater anchorage.</p> <p>The Consultee reiterates that moving the cable route (and/ or associated development) south of the Storm or W1 buoys would not be considered safely achievable and would add an unacceptable level of navigational risk (not ALARP).</p> <p>Boarding Pilots in the Sunk area is a complex and potentially high-risk operation that requires meticulous planning and coordination. This region is heavily used by the HHA and the Port of London Authority (PLA), both of which deliver critical maritime</p>	<p>can commence. This Plan needs to be in accordance with the outline Plan (which already features the commitment). Once submitted to and approved by the MMO it forms part of the licences activities which are enforced by the existing and comprehensive regulatory regime under the Marine and Coastal Access Act 2009.</p> <p>The Applicant appreciates the importance of the Sunk pilot station to the Consultee's operations and has worked with the Consultee to refine the planned offshore cable route in order to reduce such concerns and has moved the planned cable route to the north of the Sunk W1 buoy as requested.</p> <p>The Applicant will work with the Consultee to reduce impact to the pilot boarding station. The Applicant confirmed that its Offshore Client Representative would be the point of contact with authorities of timings of work in the vicinity of the pilot boarding station.</p> <p>The Applicant has produced a communication protocol in the form of a Navigation Installation Plan (NIP) (Application Document 9.12 Outline Navigation and Installation Plan [AS-104]) to address this need for communication of construction details and enable collaboration with other offshore developments, in order to control shipping and navigation risk in key areas of concern, including within the Sunk region. The NIP establishes the plan for communication throughout key project phases, in particular the construction phase.</p> <p>Further to the above, the Applicant confirms that an update to Application Document 9.12 Outline Navigation and Installation Plan was submitted at Deadline 4 [REP4-076] which is secured within the deemed Marine Licence (dML).</p> <p>This document secures the HHAs request that no Restricted Ability to Manoeuvre (RAM) works conducted by the Proposed Project should run concurrently with RAM works already planned by the Five Estuaries and North Falls project developers in the areas defined within Plate 3.1 of Application Document 9.12 (B) Outline Navigation and Installation Plan [REP4-076] and as described within section 3.3 of Application Document 9.12 (D) Outline Navigation and Installation Plan, submitted at <u>Deadline 7</u>.</p> <p>Condition 4(g) of the dML requires the Navigation and Installation Plan to be submitted to and approved by the MMO before works can commence. This Plan needs to be in accordance with the</p>	Agreed Under discussion	

Ref	Relevant Application Document	Summary of Description of Matter	HHA Current Position	The Applicant's Current Position	Status
			<p>operations for the UK. Given the significance of the Sunk area for international trade, particularly for the world's largest container ships, ensuring the safety and efficiency of Pilot boarding here is crucial.</p> <p>Key Factors Making Pilot Boarding in the Sunk Area Complex:</p> <p>Challenging Environmental Conditions: The Sunk area is subject to relatively unpredictable and often harsh conditions, including strong tidal currents, high winds, and low visibility. Navigating these challenges demands high levels of experience and skill from Pilots, as well as specialised equipment. The conditions can also change rapidly, making it essential for Pilots to continuously monitor the situation and adapt their approach.</p> <p>High Traffic Density: This area is one of the busiest maritime zones in the world, with a constant flow of large vessels, including massive container ships that need precise manoeuvring. Coordinating Pilot boarding operations alongside ongoing shipping traffic is a delicate process requiring real-time communication between various stakeholders, such as the HHA, PLA, and vessel operators.</p> <p>Pilot Boarding Craft: The actual process of transferring Pilots onto ships in the Sunk area is conducted using specialised Plot Launch. These boats need to safely approach and board large ships, sometimes in rough seas or under tidal constraint time pressure, which demands high skill levels. The risk of injury, equipment failure, or a collision is ever-present.</p> <p>Navigation Risks and Hazards: The Sunk area itself is near shallow waters, sandbanks, and other underwater obstacles. Navigating these tricky areas without proper support can be dangerous. The exact position and movement of large vessels, particularly the world's largest container ships, are often difficult to predict. This makes the coordination of safe Pilot boarding and disembarking operations critical.</p> <p>24/7 Monitoring and Coordination: The sheer volume of shipping traffic passing through the Sunk area means that pilotage services must be available 24/7, requiring constant monitoring. They must track every vessel in real time, ensuring Pilots are safely boarded, safely disembarked, and that each vessel is on the correct course for traffic, tidal and weather conditions, to enable safe onward passage.</p> <p>Given the combination of challenging environmental factors, high-traffic density, the size of the vessels, and other maritime</p>	<p>outline Plan (which already features the commitment). Once submitted to and approved by the MMO it forms part of the licences activities which are enforced by the existing and comprehensive regulatory regime under the Marine and Coastal Access Act 2009.</p>	

Ref	Relevant Application Document	Summary of Description of Matter	HHA Current Position	The Applicant's Current Position	Status
			<p>operations in the Sunk area, pilot boarding and the provision of pilotage services are inherently complex and require round-the-clock coordination, highly skilled personnel, and advanced safety measures. The integration and deconfliction of other activities, like cable laying, are crucial to maintaining safe and efficient pilotage services. Only with careful planning, constant monitoring, and effective communication between authorities and stakeholders can these operations be safely conducted, ensuring that the world's biggest container ships are safely navigated into key ports like those under the jurisdiction of the Consultee.</p> <p>Key protective provision: Controlling development and project construction related marine operations to ensure that there are no concurrent Restricted Ability to Manoeuvrer (RAM) operations occurring in the Sunk area. This must include the other DCO cable projects in this area e.g. North Falls project and the Five Estuaries.</p>		
3.2.8	Application Document 6.2.4.7 Part 4 Marine Chapter 7 Shipping and Navigation [APP-80].	Risk of environmental incident	<p>The Consultee says that it must be considered that should a serious incident occur, there may be a significant irreversible environmental harm. As the risk of the worst credible outcome is not precisely calculable in advance, the precautionary principle alongside the ALARP principle must be used when considering navigational risk assessment.</p> <p>The Consultee indicated that its remit as Port Authority includes environmental stewardship.</p>	<p>The Applicant has reached agreement with the Consultee, acknowledges the associated risks, and will ensure that the design and planning of the works reflect appropriate mitigation measures.</p> <p>Regarding the shipping and navigation assessment, the consequence of the worst-case outcome (collision) has been identified as the highest consequence category and the likelihood of collision has also been considered remote (note that the true likelihood of a major spill would be considerably more remote). This is based largely upon stakeholder hazard identification and consultation process. Calculating the numerical risk of such a Major Environmental Incident for this project scenario is impracticable as it depends on the details and actions of numerous unidentifiable vessels. The process is therefore qualitative, based on the judgement of a number of expert mariners, stakeholders and collision risk specialists.</p> <p>Given the control and monitoring at the TSS, the level of ordered and disciplined vessel movement patterns in general and the safety zones, guard vessel presence and other measures, the risk has been identified as tolerable if ALARP and applying the precautionary principle is not considered necessary.</p> <p>This is clarified in Application Document 6.2.4.7 (C) Part 4 Marine Chapter 7 Shipping and Navigation [REP4-035]. Additionally, Application Document 6.2.4.7 (C) Part 4 Marine Chapter 7 Shipping and Navigation [REP4-035] and Application Document 6.3.4.7.A (C) ES Appendix 4.7.A Navigational Risk Assessment [REP4-048] were updated and</p>	Agreed

Ref	Relevant Application Document	Summary of Description of Matter	HHA Current Position	The Applicant's Current Position	Status
3.2.9	Application Document 6.2.4.7 (C) Part 4 Marine Chapter 7 Shipping and Navigation [REP4-035].	Coordination with other projects in area	The Consultee states that there are several other DCO projects that are proposed within the vicinity of the Proposed Project and the Haven. The DCO should therefore reflect the need for works to be coordinated by and with the Consultee to ensure that there are no risks to navigational safety, particularly when considered along with other projects. The Consultee is open to discussing the different mechanisms to achieve this.	<p>submitted at Deadline 44 to include greater explicit consideration of environmental consequences.</p> <p>The Applicant recognises the importance of coordination between the Project, harbour authorities, and other relevant projects.</p> <p>The Applicant has produced a communication protocol in the form of a Navigation Installation Plan (NIP) to address this need. This establishes the plan for communication throughout key Project phases, in particular the construction phase. This is noted in Application Document 6.2.4.7 (C) Part 4 Marine Chapter 7 Shipping and Navigation [REP4-035].</p> <p>The Applicant has submitted a draft Outline NIP to PINS on 1st September 2025, as part of the Application Document - Applicant's response to the ExA's s89(3) letter 8 July 2025 & 5 August 2025 – 9.12 Outline Navigation and Installation Plan [AS-104]Applicant's response to the ExA's s89(3) letter dated 5 August 2025.</p> <p>Further to the above, the Applicant confirms that an update to Application Document 9.12 Outline Navigation and Installation Plan was submitted at Deadline 4 [REP4-076] which is secured within the deemed Marine Licence (dML).</p> <p>This document secures the HHAs request that no Restricted Ability to Manoeuvre (RAM) works conducted by the Proposed Project should run concurrently with RAM works already planned by the Five Estuaries and North Falls project developers in the areas defined within Plate 3.1 (Application Document 9.12 (B) Outline Navigation and Installation Plan [REP4-076]) <u>and as described in section 3.3 of Application Document 9.12 (D) Outline Navigation and Installation Plan, submitted at Deadline 7.</u></p> <p>Condition 4(g) of the dML requires the Navigation and Installation Plan to be submitted to and approved by the MMO before works can commence. This Plan needs to be in accordance with the outline Plan (which already features the commitment). Once submitted to and approved by the MMO it forms part of the licensed activities which are enforced by the existing and comprehensive regulatory regime under the Marine and Coastal Access Act 2009.</p> <p><u>With the above in mind, the Applicant has followed the same approach to securing Concurrent RAM Activities mechanisms as that agreed for the Five Estuaries and North Falls projects with regards to securing Concurrent RAM Activities.</u></p>	<u>Agreed Under Discussion</u> <u>Under discussion</u>

3.3 Summary of Securing Mechanisms

Item Description	Securing Mechanism						
	DCO Requirement	Certified Plan (Art.60)	Deemed Marine Licence			Other	
			Direct dML Conditions	Outline CSIP	Outline NIP	REAC	Crossing Agreements
Areas of Safeguarded Depth (Plan)		<u>x</u>		<u>x</u>			
Areas of Safeguarded Depth (Text)	<u>x</u>			<u>x</u>			
General Crossings	<u>x</u>			<u>x</u>	<u>x</u>	<u>x</u>	<u>x</u>
Grid Link Crossing Location	<u>x</u>	<u>x</u>	<u>x</u>	<u>x</u>			<u>x</u>
Cable Joints			<u>x</u>	<u>x</u>		<u>x</u>	
Boulder /Archaeology Relocation				<u>x</u>		<u>(x)</u>	
5% Maximum Depth Reduction			<u>x</u>			<u>x</u>	
Concurrent Restricted in Ability to Manoeuvre (RAM) activities.					<u>x</u>	<u>x</u>	
Consultation and Notice			<u>x</u>				
Safety/ Exclusions Zones			<u>x</u>		<u>x</u>	<u>x</u>	
Dredge/Disposal of sediment				<u>x</u>			
Wet Storage			<u>x</u>	<u>x</u>		<u>x</u>	
Freespans				<u>x</u>		<u>(x)</u>	
Remediation				<u>x</u>			
UXO Relocation				<u>x</u>			
Surveys and monitoring				<u>x</u>			

(x) To be Has been added to REAC at Deadline 7.

4. Approvals

Signed



On Behalf of National Grid

Name [Redacted]

Position Senior Consent Officer [~~senior consents officer/lead project manager/ lead project director~~]

Date 28/04/26

Signed [Redacted]

On Behalf of ~~National Grid~~ Harwich Haven Authority

Name [Redacted]

Position [~~senior consents officer/lead project manager/ lead project director~~] Deputy Harbour Master

Date 28.04.2026

5. References

Ministry of Housing, Communities and Local Government. (2024). *Planning Act 2008: Examination stage for Nationally Significant Infrastructure Projects*. Retrieved from <https://www.gov.uk/guidance/planning-act-2008-examination-stage-for-nationally-significant-infrastructure-projects>

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