

Marine Licence with introductory note

The Marine and Coastal Access Act (2009)

Licence Holder: Stena Line Ports Limited

Company Number: 01593558

78 Buckingham Gate,
Buckingham Court
London
England
SW1E 6PE

Construction and dredge works associated
with the expansion of Holyhead Port, Holy
Island, Anglesey

Licence Number:

CML1931

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Construction and dredge works associated with the expansion of Holyhead Port, Holy Island, Anglesey

Marine Licence number: CML1931

Introductory note

This introductory note does not form a part of the marine licence

The main features of the marine licence are as follows.

Creation of 9ha of new quay storage and handling space together with two berths: a 370m deep-water berth (Salt Island Expansion) and a 280m berth (Pelham Patch Development).

The schemes comprises the following;

- reclamation of two intertidal/subtidal areas (the Salt Island Expansion and the Pelham Patch Development);
- dredging of an approach channel to the new berths at 10m bCD;
- dredging of the new berth at Pelham Patch;
- dredging at the base of quay walls on Salt Island to accommodate the installation of scour protection;
- additional dredging where required for installation of caissons at the new quay walls; and
- disposal of dredged material at Holyhead North disposal site (IS043).

The status log of the marine licence sets out the marine licence history, including any subsequent marine licence variation(s)

Status log of this marine licence

Description	Date	Comments
Application	Duly made 01/08/2019	Application received and considered to be duly made
Date licence determined	21/07/2021	Determination date

Related marine licences or applications under determination

Marine Licence or Application Number	Date	Comments
DML1935	Issued 23 December 2019	Disposal at Holyhead North Disposal site (IS043) of sediment arising from maintenance dredging at Holyhead Port

End of introductory note.

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MARINE LICENCE, NUMBER CML1931

1 LICENCE DETAILS

1.1 Marine Licence

This is a licence granted by the Licensing Authority in respect of an application numbered CML1931 and duly made on 01 August 2019 and authorises the Licence Holder to carry on activities for which a licence is required under Part 4 of the Marine and Coastal Access Act 2009, (2009 Act). This licence should be interpreted in accordance with **Section 4**.

1.2 Licence Holder

The Licence Holder is the company set out below:

Company name: Stena Line Port Limited

Company number: 01593558

Address: 78 Buckingham Gate, Buckingham Court, London, England, SW1E 6PE

1.3 Licence Validity

Licence Start Date	31 July 2021
Licence End Date	31 March 2025
Licence Issue Date	21 July 2021

1.4 Conditions

This licence is subject to the conditions set out in **Section 3**.

Signed:



For and on behalf of the Licensing Authority

2 LICENSED ACTIVITIES

2.1 Project

Construction and dredge works associated with the expansion of Holyhead Port, Holy Island.

Creation of 9ha of new quay storage and handling space together with two berths: a 370m deep-water berth (Salt Island Expansion) and a 280m berth (Pelham Patch Development).

The schemes comprises the following;

- reclamation of two intertidal/subtidal areas (the Salt Island Expansion and the Pelham Patch Development);
- dredging of an approach channel to the new berths at 10m bCD;
- dredging of the new berth at Pelham Patch;
- dredging at the base of quay walls on Salt Island to accommodate the installation of scour protection;
- additional dredging where required for installation of caissons at the new quay walls; and,
- disposal of dredged material at Holyhead North disposal site (IS043).

The following Licensed Activities can be conducted within the Licence Period, within the Licensed Area and in accordance with the Approved Application and the Approved Supporting Documents:

Table 1 Licensed Activities

Activity 1 Removal of existing infrastructure (Zone 1-4)	
Type of Licensed Activity	Removal
Description	Removal of existing infrastructure – a navigation structure adjacent to Admiralty Pier, and three navigational structures adjacent to the Pelham Patch Development Site (as set out in Figure 3.1 of Environmental Statement, and as attached in Appendix 3)
Material types to be removed or deposited	One navigational structure comprised of sheet piled column filled with concrete, three steel pile navigational structures.
Quantities/Dimensions	1 navigational structure to the east of Admiralty Pier, and 3 navigation structures adjacent to the Pelham Patch development.
Activity 2 Salt Island Expansion Site (Zone 1)	
Type of Licensed Activity	Deposit/Removal/Construction, Alteration or Improvement and dredging.
Description	- Removal of existing rock armour - Construction of the new main quay wall, lighthouse wall, north wall and north wave wall at Salt Island Expansion using either a

	<p>piled combi-wall or a caisson wall option. Piles will be driven and drilled to seat them. Caissons would be filled with granular material and sunk into place.</p> <ul style="list-style-type: none"> - Reclamation of the area behind the new quay wall using imported granular fill to commence at the same time as the installation of the wall. - Installation of a capping beam along the main quay wall, north wall and north wave wall. - Installation of tetrapod concrete rock armour along the north wall and north wave wall. - Installation of scour protection along the foot of the new main quay wall. <p>Dredging works will be carried via Trailing Suction Hopper Dredger (TSHD), Cutter Suction Dredger (CTD) and/or Backhoe Dredger, as detailed in Table 2, Activity 5, Zone 1.</p>
<p>Material types to be removed or deposited</p>	<p>Various materials included in the construction and land reclamation consisting of; Iron/Steel/Concrete/Grout/Sand/Stone/Silt/Rock</p> <p>These include; Steel tubular piles, sheet piles, rock armour, tetrapods, capping beam of pre-cast and in-situ concrete, imported material for land reclamation including rock, sand, gravel, tarmac, concrete.</p>
<p>Quantities/Dimensions</p>	<ul style="list-style-type: none"> • Removal of existing rock armour (approximately 27,000m³). • The reclamation of an area extending from the north- and south-east corners of Salt Island, forming approximately 65,750m² of new port land and requiring approximately 830,000m³ of imported fill material. • A 370m long berth, referred to as the Main Quay Wall. • A 30m wall around the Lighthouse on Admiralty Pier ('the Lighthouse Wall'). • A 100m wall that forms the northern extent of the reclaimed area, referred to as the North Wall. • A 90m long wall extending from the north-eastern extent of the reclaimed area to shelter vessels at berth, referred to as the North Wave Wall.
<p>Activity 3 Pelham Patch Development Site (Zone 2)</p>	
<p>Type of Licensed Activity</p>	<p>Deposit/Removal/Construction, Alteration or Improvement and dredging</p>
<p>Description</p>	<ul style="list-style-type: none"> - Blocking of the existing culvert under Salt Island Bridge. - Installation of the new quay wall at Pelham Patch development using either a piled combi wall option, or a caisson wall option. Piles will be driven and drilled to seat them. Caissons would be filled with granular material and sunk into place. - Reclamation of the area behind the new quay wall using imported granular fill to commence at the same time as the installation of the wall.

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	Dredging works will be carried via Trailing Suction Hopper Dredger (TSHD), Cutter Suction Dredger (CTD) and Backhoe Dredger, as detailed in Table 2, Activity 5, Zone 2.
Material types to be removed or deposited	Various materials included in the construction and land reclamation consisting of; Iron/Steel/Concrete/Grout/Sand/Stone/Silt/Rock These include; Steel tubular piles, sheet piles, capping beam of pre-cast and in-situ concrete, imported material for land reclamation including rock, sand, gravel, tarmac, concrete.
Quantities/Dimensions	- Installation of the new 280m quay wall at Pelham Patch development using either a piled combi wall option, or a caisson wall option. - Reclamation of an area approximately 24,250m ² behind the new quay wall using approximately 180,000m ³ of imported granular fill.
Activity 4 Removal of accidentally dropped objects pursuant to condition 3.21 (Zone 1-4)	
Type of Licensed Activity	Removal
Description, material types and quantities/dimensions	As approved by the Licensing Authority under condition 3.21

Table 2 Licensed Dredge / Disposal Activities

Activity 5 Dredging and disposal of dredged material	
Marine Licensable Activity Type	Dredging/ and Deposit
Description	Works will be carried via Trailing Suction Hopper Dredger (TSHD), Cutter Suction Dredger (CTD) and Backhoe Dredger and will include; - reclamation of two intertidal/subtidal areas (the Salt Island Expansion Site and the Pelham Patch Development Site); - dredging of an approach channel to the new berths at 10m bCD; - dredging of the new berth at Pelham Patch Dredge; - dredging at the base of quay walls on Salt Island to accommodate the installation of scour protection; and - additional dredging for installation of caissons as the new quay walls.
Maximum Dredge Depth and Volume (Zone 1)	Salt Island Reclamation (bounded by the coordinates specified in Appendix 1a) <ul style="list-style-type: none"> Dredging within Salt Island Expansion to remove Soft Clay up to 8m bCD (37,750m³).

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	<ul style="list-style-type: none"> A pocket to be dredged within Salt Island reclamation area for the installation of caisson walls up to 11m bCD (90,000m³). 		
Maximum Dredge Depth and Volume (Zone 2)	<p>Pelham Patch Development Site (bounded by the coordinates specified in Appendix 1b)</p> <ul style="list-style-type: none"> Dredging within Pelham Patch Development reclamation area to remove Soft Clay up to 0m CD (3,950m³). A pocket to be dredged within the Pelham Patch Reclamation area for the installation of caisson walls up to 6.5 bCD (30,000m³). 		
Maximum Dredge Depth and Volume (Zone 3)	<p>Pelham Patch Dredge (bounded by the coordinates specified in Appendix 1c)</p> <ul style="list-style-type: none"> Capital dredging of the new berth at Pelham Patch up to 5.5m bCD (14,550m³). 		
Maximum Dredge Depth and Volume (Zone 4)	<p>Approach Channel (bounded by the coordinates specified in Appendix 1d)</p> <ul style="list-style-type: none"> Capital Dredge of the Approach Channel up to 10.5m bCD, (1,835,450million m³). The target dredge depth for the approach channel is 10m bCD with a target dredge depth of 10.1m bCD for any areas dredged to rock. Capital dredge in front of the proposed main quay wall at Salt Island Expansion Site for installation of scour protection up to 11m bCD (9,275m³). 		
Maximum Dredge volume and tonnage for material to deposited under this licence	Sampled Specific Gravity	m ³	Tonnage
	1.3 – 2.7 as detailed in section 13 of approved application form	2,020,975m ³	3,500,000 wet tonnes
Maximum Deposit	Sampled Specific Gravity	m ³	Tonnage
	1.3 – 2.7 as detailed in section 13 of approved application form	2,020,975m ³	3,500,000 wet tonnes
Deposit Location	Site Code: IS043	Site Name: Holyhead North	
Material Type	Combination of Sand/Gravel/Silt/Clay, as detailed in section 13 of the approved application form.		

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2.2 Licensed Area

- 2.2.1** The Licence Holder is authorised to conduct Activity 1 detailed in Table 1 at the Salt Island Expansion Site (Zone 1), Pelham Patch Development Site (Zone 2), Pelham Patch Dredge (Zone 3) and the Approach Channel (Zone 4), bounded by the coordinates specified in Appendix 1a, 1b, 1c and 1d.
- 2.2.2** The Licence Holder is authorised to conduct Activity 2 detailed in Table 1 at the Salt Island Expansion Site (Zone 1), Holyhead Port, in the vicinity of Holyhead bounded by the coordinates specified in Appendix 1a.
- 2.2.3** The Licence Holder is authorised to conduct Activity 3 detailed in Table 1 at the Pelham Patch Development Site (Zone 2), Holyhead Port, in the vicinity of Holyhead bounded by the coordinates specified in Appendix 1b.
- 2.2.4** The Licence Holder is authorised to conduct Activity 4 detailed in Table 1 at the Salt Island Expansion Site (Zone 1), Pelham Patch Development Site (Zone 2), Pelham Patch Dredge (Zone 3) and the Approach Channel (Zone 4), bounded by the coordinates specified in Appendix 1a, 1b, 1c and 1d.
- 2.2.5** The Licence Holder is authorised to conduct Activity 5 detailed in Table 2 at the Salt Island Expansion Site (Zone 1), Pelham Patch Development Site (Zone 2), Pelham Patch Dredge (Zone 3) and the Approach Channel (Zone 4), bounded by the coordinates specified in Appendix 1a, 1b, 1c and 1d.

In the event of any discrepancy between the coordinates set out in Appendix 1 and the plan attached at Appendix 2, the coordinates shall take precedence.

2.3 Disposal Activity

- 2.3.1** The Licence Holder is only authorised to deposit material dredged in line with Activity 5 from the area bounded by the coordinates specified in Appendix 1a, 1b, 1c and 1d.
- 2.3.2** The Licence Holder is authorised to conduct the deposit activities detailed in Table 2 bounded by the coordinates specified in Table 3.

Table 3 Permitted Deposit Locations

Deposit Area IS043 Holyhead North	
Longitude	Latitude
-4.825276	53.391832
-4.758628	53.391813
-4.758646	53.334194
-4.825264	53.333997

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2.4 Approved Supporting Documents

Title/Description of Document	Date	Version No.
Dredge and Disposal Application Form	01 October 2020	3
Marine Works Application Form	01 October 2020	3
Holyhead Port Expansion Environmental Statement	17 July 2019	1
Holyhead Port Expansion ES NTS	17 June 2019	1
Holyhead Port Expansion_ES_Appendices_Volume I	16 July 2019	1
Holyhead Port Expansion_ES_Appendices_Volume II	16 July 2019	1
ES Addendum	30 September 2020	1
Signposting Document	30 September 2020	1
WNMP Assessment	01 October 2020	1
HPE Response to ES Addendum Comments	25 March 2021	1
Figure 1 - HolyheadMarineApp_RH_20190801	01 August 2019	1

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3 CONDITIONS

Notification and Inspection

3.1 Notification of Commencement

- 3.1.1** The Licence Holder must notify the Licensing Authority no less than **10 days** before the commencement of the Licensed Activities, or an individual phase of the Licensed Activities, is expected to commence.
- 3.1.2** The Licence Holder must notify Welsh Government Marine Enforcement Officers no less than **10 days** before the commencement of the Licensed Activities, or an individual phase of the Licensed Activities, is expected to commence.
- 3.1.3** The Licence Holder must ensure that local mariners and fishermen's organisations are made fully aware of the Licensed Activities through local notices to mariners **10 days** prior to the commencement of the Licensed Activities.

3.2 Notification of Vessels and/or Vehicles

The Licence Holder must ensure that the details of the vessels and/or vehicles utilised to undertake the Licensed Activities are submitted to the Licensing Authority and Marine Enforcement Officers prior to the commencement of the Licensed Activities.

3.3 Notification of Agents/Contractors/Sub-contractors

The Licence Holder must ensure that details of any agent(s), contractor(s) or sub-contractor(s) utilised to undertake the Licensed Activities are submitted to the Licensing Authority prior to the commencement of Licensed Activities.

3.4 Notification of HM Coastguard

The Licence Holder must ensure that HM Coastguard is made aware of the Licensed Activities prior to commencement by contacting The National Maritime Operations Centre at nmcccontroller@hmcg.gov.uk.

3.5 Inspection of Licensed Activities

The Licence Holder must allow officers of the Maritime and Coastguard Agency, Marine Enforcement Officer or any other person authorised by the Licensing Authority to inspect the Licensed Activities at any reasonable time.

3.6 Notification of Completion

The Licence Holder must notify the Licensing Authority and authorised Marine Enforcement Officers within **10 days** of completion of the Licensed Activities.

3.7 Force Majeure

If, by reason of force majeure any substances or articles are deposited otherwise than as permitted as part of the Licensed Activities or in the Licensed Area full details of the

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circumstances shall be notified to the Licensing Authority within **48 hours** of the incident occurring.

3.8 Distribution of Copies of this Licence

The Licence Holder is required to ensure that a copy of this licence, and any subsequent revisions or amendments thereto is given to:

- All agents, contractors and subcontractors whose names have been provided to the Licensing Authority pursuant to condition 3.3; and
- The Masters of any vessels and transport managers responsible for the vehicles and/or vessels employed in the pursuance of this licence whose details have been submitted to the Licensing Authority pursuant to condition 3.2

3.9 Inspection of Documents

Copies of this Licence shall be made available at the following locations:

- at the address of the Licence Holder specified in section 1.2;
- at any site office, located at or adjacent to the Licensed Area, used by the Licence Holder or its agent(s), contractor(s) or sub-contractor(s) responsible for the loading transportation or deposit of any substances or articles permitted as part of the Licensed Activities;
- on board each vessel, vehicle or at the office of any transport manager with responsibility for vehicles from which any deposits of materials authorised by this licence are to be made.

The documents referred to in this condition shall be available at all times when the Licensed Activities are being undertaken for inspection by officers appropriately authorised by the Licensing Authority and authorised Marine Enforcement Officers at the locations stated in this paragraph.

Vessels, Plant and Equipment

3.10 Notified Contractors, Vessels and Vehicles only to Carry out Licensed Activities

Only those agents, contractors, subcontractors vessels and vehicles whose details have been notified to the Licensing Authority may operate under the terms of this licence. Any changes must be notified to and be approved by the Licensing Authority in writing prior to any such agent, contractor, subcontractors or vehicles carrying out any Licensed Activities pursuant to or otherwise operating under this licence.

3.11 Standard of Vessels

Any vessels employed to perform any operations permitted by this licence shall be so constructed and equipped as to be capable of the proper performance of these operations.

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3.12 Refuelling

The Licence Holder must ensure that plant, vehicles and machinery are not refuelled on the foreshore.

Safety

3.13 Safety of Licensed Activities

The Licence Holder must ensure that the Licensed Activities are maintained in a safe condition that does not represent a danger to the environment, or other marine users, at all times.

3.14 Removal of Deposited Material

The Licence Holder must remove any deposited material within one month of notice being given by Licensing Authority or Marine Enforcement Officers if they consider this necessary or advisable for the safety of navigation, and shall not replace such material until the Licensing Authority or Marine Enforcement Officers have given their written approval.

3.15 Government Assistance

If, in the opinion of the Licensing Authority or Marine Enforcement Officers, the assistance of a Government Department, including the broadcast of navigational warnings, is required in connection with the Licensed Activities or to deal with any emergency arising from the drifting or wreck of the Licensed Activities, the Licence Holder will be liable for any expense incurred in securing such assistance.

Pollution control

3.16 Pollution Prevention

The Licence Holder must ensure that pollution prevention best practice is adhered to at all times. Any incidents must be reported to the Licensing Authority as soon as possible using the hotline number **0300 065 3000**.

3.17 Spillage of Pollutants

The Licence Holder must ensure bunding, storage facilities and spill kits are employed where appropriate to contain and prevent the release of fuel, oils and chemicals associated with the plant, refuelling and construction equipment into the marine environment.

3.18 Coatings

The Licence Holder must ensure that any coatings/treatments used in carrying out the Licensed Activities are suitable for use in the marine environment and are used in accordance with best environmental practice.

3.19 Prevention of Disposal of Man-made Debris

The Licence Holder must ensure that all reasonable precautions are taken to prevent the disposal of man-made debris to the marine area. Such material must be removed

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immediately and be disposed of appropriately. If it is not possible to prevent man-made debris from entering the marine environment during the Licensed Activities, the Licensed Activities must cease immediately.

3.20 Biosecurity

3.20.1 The Licence Holder must ensure all equipment, materials, machinery and Personal Protective Equipment used as part of the Licensed Activities are in a clean condition prior to their arrival at and subsequent departure from the Licensed Area to minimise risk of introducing non-native species into the marine environment.

3.20.2 The Licence Holder must submit a biosecurity risk assessment to the Licensing Authority for written approval at least **6 weeks** prior to commencement of Licensed Activities. No Licensed Activities may be undertaken prior to written agreement from the Licensing Authority.

3.20.3 The Licence Holder must ensure that any actions outlined in the biosecurity risk assessment are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and agreed in writing by the Licensing Authority prior to any changes being enacted.

3.21 Dropped Objects

Should it be necessary for the Licence Holder to recover or remove from the Licensed Area any equipment, plant or machinery accidentally dropped when undertaking the Licensed Activities, the Licence Holder is permitted to do so provided that the methodology for such recovery or removal has been approved by the Licensing Authority.

Activity-specific Conditions

3.22 Construction Environment Management Plan

3.22.1 The Licence Holder must submit a Construction Environment Management Plan (CEMP) to the Licensing Authority for written approval prior to commencement of the Licensed Activity. No Licensed Activities may be undertaken prior to written approval from the Licensing Authority. The plan must incorporate the proposed mitigation identified within the Environmental Statement and include:

- Measures to avoid impact on nesting birds including black guillemot;
- Disposal plan for the disposal of dredged material at Holyhead North; and
- Measures to mitigate local impact for noise and air quality, and to include objectives and actions to minimise construction disturbance upon the Area of Outstanding Natural Beauty visual and sensory receptors.

3.22.2 The Licence Holder must ensure that any actions outlined in the CEMP detailed in condition 3.22.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.

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3.23 Historic Environment

- 3.23.1** The Licence Holder must submit a Protocol for Archaeological Discoveries (PAD) to the Licensing Authority for written approval prior to commencement of the Licensed Activity. No works may be undertaken prior to written agreement from the Licensing Authority.
- 3.23.2** The Licence Holder must ensure that any actions outlined in the PAD detailed in condition 3.23.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.
- 3.23.3** The Licence Holder must submit a Written Scheme of Investigation (WSI) to the Licensing Authority for written approval prior to commencement of the Licensed Activity within **100m** of the location of geophysical anomaly 7003 (as detailed in section 19.5.4 and indicated in Figure 4 of Appendix G2 of the Environmental Statement, see attached in appendix 4).
- 3.23.4** The Licence Holder must ensure no works are undertaken within **100m** of anomaly 7003, until an archaeological record has been completed in accordance with the approved WSI, as detailed in condition 3.23.3, and written approval given from the Licensing Authority.
- 3.23.5** The Licence Holder must submit a WSI to the Licensing Authority for written approval prior to commencement of the Licensed Activity at the Pelham Patch Development site (as bounded by co-ordinates in appendix 1b). The WSI must include a timescale for the programme of work and provision for reporting, specialist analysis, archiving, publication and dissemination results. No works may be undertaken prior to written approval from the Licensing Authority.
- 3.23.6** The Licence Holder must ensure that any actions outlined in the WSI detailed in condition 3.23.3 and 3.23.5 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and approved in writing by the Licensing Authority prior to any changes being enacted.
- 3.23.7** The Licence Holder must submit a detailed report on the archaeological work carried out in accordance with WSI detailed in section 3.23.5 within **12 months** of completion of archaeological fieldwork. The report must be approved in writing by the Licensing Authority.

3.24 Sediment Sampling

- 3.24.1** If any dredge activity, as detailed in Activity 5 Table 2, is required after **30 August 2023**, the Licence Holder must request a sediment sampling plan from the Licensing Authority by **01 February 2023**.
- 3.24.2** The Licence Holder must ensure that the sampling is undertaken in accordance with the sampling plan detailed in condition 3.24.1 and is analysed at an NRW approved laboratory.

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3.24.3 The Licence Holder must submit the written results of the sediment sampling undertaken in pursuant to condition 4.24.2 for written approval by the Licensing Authority within **three months** of the sampling taking place.

3.24.4 The Licence Holder must ensure no dredging is carried out after **30 August 2023** without written approval from the Licensing Authority.

3.25 Piling Activity Method Statement

3.25.1 The Licence Holder must submit a Piling Activity Method Statement to the Licensing Authority for written approval prior to commencement of piling activity. No piling may be undertaken prior to written approval from the Licensing Authority. The plan should include:

- Demonstration that the equipment used does not differ significantly from that used within the modelling in the Environmental Statement; and
- Incorporate mitigation measures identified within the Environmental Statement to reduce impact of underwater noise on marine mammals.

3.25.2 The Licence Holder must ensure that any actions outlined in the Piling Activity Method Statement detailed in condition 3.25.1 are implemented as approved in writing by the Licensing Authority. Any proposed changes to the actions outlined in the documents must be submitted to, and agreed in writing by the Licensing Authority prior to any changes being enacted.

3.26 UK Marine Noise Registry

3.26.1 The Licence Holder must complete an entry into the UK Marine Noise Registry detailing the proposed dates and locations and nature of the piling activity at least **10 days** prior to its commencement.

2.26.2 The Licence Holder must amend the marine noise registry proposed activity form should the timing of the piling activity alter or no longer remain part of the project.

2.26.3 The Licence Holder must complete an entry into the Marine Noise Registry detailing the actual dates, location(s) and nature of the piling activity every six months following the commencement of piling activity until its completion with the final entry to be completed within **8 weeks** of completion of the noisy activity.

3.27 Notification to Trinity House

The Licence Holder must notify Trinity House if any changes to aids to navigation are required during the Licenced Activities.

3.28 Notification to UK Hydrographic Office

The Licence Holder must notify the UK Hydrographic Office of the Licensed Area and the Licensed Activities within **10 days** of the completion of any phase of the Licensed Activities.

3.29 Disposal Returns

3.29.1 Certified returns of quantities of substances or articles deposited under this Licence are required to be submitted on the attached disposal return form by **31 January** and **31 July** each year. The returns must specify the full Licence number and amount deposited each calendar month at each authorised Deposit Area. Where no deposit is made in a given period a NIL return is required.

3.29.2 If this Licence expires during the course of the calendar year and is not renewed or superseded by a further Licence relating to the Licensed Activities specified in paragraph 2.1, a certified return of quantities of substances or articles deposited under this Licence, shall be submitted not later than **28 working days** after the expiry date of this Licence.

3.30 Written Record of Disposal Activities

3.30.1 Any person in charge of the loading of a vessel or any intermediate storage of the substances or articles prior to their deposit in the sea shall maintain a written record on the premises relating to individual cargoes or loads (received or dispatched). This written record shall include the following details:

- date and time each load was received or dispatched and the quantity;
- general description of the substances or articles and the name of the producer(s) or holder(s);
- registration numbers of vehicles delivering loads;
- consignment note numbers (if any);
- the reference number of the Licence issued under, Part 4 of the Marine and Coastal Access Act 2009, which permits the substances or articles being loaded or stored to be deposited in the sea;
- name(s) of vessel or identification code and type of container into which substances or articles are loaded;
- signature(s) and status of the person or persons authorising loading of substances or articles to the vessel or container; and
- the results of any checks carried out on the substances or articles prior to authorisation of loading.

3.30.2 The Licence Holder and any Operator or Contractor responsible for loading, transportation or storage must ensure that only authorised personnel have access to the substances or articles for deposit.

3.30.3 The Master or the Officer of the Watch of each vessel, as referred to condition 3.10 of this Schedule, undertaking the deposit of any substances or articles specified in Table 2 of this Schedule, shall maintain a written log of operations recording, in the English Language, the following information:

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- the name of the vessel;
- the quantity and type of each substance or article loaded for deposit;
- the date and time of departure from the port or site at which the substances or articles are loaded for deposit in the sea and time of arrival (and date if different) at the Deposit Area on each occasion that it proceeds to and from such area;
- latitude and longitude position (in degrees and minutes and decimal of a minute to at least one decimal place) of the vessel at intervals of not more than 20 minutes throughout the deposit operation which for the purpose of this Licence shall be the commencement of loading (including the dredging) each consignment of material for deposit in the sea through to the completion of the placement or deposit of the material in the Deposit Area;
- the time taken to complete the deposit operation and a statement of the reasons for any delays;
- courses and speeds together with any alterations throughout each deposit operation (multiple changes may be recorded as "various");
- the rate of discharge or deposit, together with any variations, throughout deposit operations;
- weather, sea-state, wind and tidal set, and rate throughout deposit operations; and
- the signature of the Master at the foot of each log sheet or page of the record.

3.30.4 All deposit vessels are required to carry an Admiralty Chart of appropriate scale to be used in navigation on which the co-ordinates of the licensed Deposit Area(s), as specified in Table 3, should be marked.

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4 INTERPRETATION

In this Licence terms are as defined in section 115 of the Marine and Coastal Access Act unless otherwise stated.

- (a) **“2009 Act”** means the Marine and Coastal Access Act 2009;
- (b) **“Approved Application”** means the Marine Licence Application Form together with the Approved Supporting Documents;
- (c) **“Approved Supporting Documents”** means the documents supporting, or supplementary to, the Approved Application, submitted prior to the Licence Issue Date, listed in the Table at paragraph 2.3 above;
- (d) **“Commencement”** means the first undertaking of any Licensed Activities;
- (e) **“Force majeure”** may be deemed to apply when, due to stress of weather or any other cause, the master of a vessel determines that it is necessary to deposit the substances or articles because the safety of human life and/or of the vessel is threatened;
- (f) **“Licensed Activities”** means the activities authorised by this licence as specified in 2.1;
- (g) **“Licensed Area”** means the area within which Licensed Activities are authorised by this licence as specified in section 2.2;
- (h) **“Licence Holder”** means the person(s) or organisation(s) named in section 1.2 to whom this licence is granted;
- (i) **“Licence Period”** means the period beginning with the Licence Start Date and ending on the Licence End Date;
- (j) **“Licensing Authority”** means Natural Resources Wales acting on behalf of the Welsh Ministers;
- (k) **“Marine Enforcement Officers”** means the relevant officers appointed by Welsh Ministers under section 235 of the 2009 Act, contact details for whom are provided in section 5;
- (l) **“Marine Licence Application Form”** means the application form forming part of the application referred to in paragraph 1.1;
- (m) **“Method Statement”** means the Method Statement(s) forming part of the Approved Application or Approved Supporting Documents;

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- (n) **“Works”** means any construction activities comprised in the Licensed Activities and, where the context permits, includes any plant, equipment or materials used to carry out those activities or operations but excludes monitoring, minor routine maintenance or other ongoing operational activities following completion of any construction activities;
- (o) all times shall be taken to be the time in Greenwich Mean Time (GMT) on any given day;
- (p) all co-ordinates shall be taken to be latitude and longitude degrees and minutes to two decimal places
- (q) in the event of any discrepancy between the coordinates listed in paragraph 2.2 and the plan attached at Appendix 1, the coordinates shall take precedence.

5 CONTACTS

Except where otherwise indicated, the primary point of contact with the Licensing Authority and the address for returns, correspondence and requests for variations of the licence is:

Marine Licensing Team
Natural Resources Wales
Permitting Service
29 Newport Road
Cambria House
Cardiff
CF24 0TP

Tel: 0300 065 3000
Email: marinelicensing@naturalresourceswales.gov.uk

Welsh Government Marine Enforcement Officers may be contacted at:

Welsh Government
Suite 3
Cedar Court
Haven's Head Business Park
Milford Haven Pembrokeshire
SA73 3LS

Tel: 03000253500
Email: wfmccmpc@gov.wales

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Appendix 1 - Coordinates

Appendix 1a - Salt Island Expansion Site (Zone 1)

Longitude	Latitude
-4.62005172719	53.31748890900
-4.62005147590	53.31750851450
-4.62005002203	53.31762194710
-4.62002811756	53.31764588790
-4.62002281829	53.31768935110
-4.62001735512	53.31773415840
-4.62001376674	53.31776358930
-4.61990106264	53.31776655610
-4.61985358902	53.31776780570
-4.61968933557	53.31777212920
-4.61960471395	53.31778584520
-4.61956103517	53.31779292500
-4.61948635619	53.31779264700
-4.61946475597	53.31779256650
-4.61941167722	53.31779236890
-4.61941065261	53.31779236510
-4.61933632494	53.31779459200
-4.61932859104	53.31779482380
-4.61926096329	53.31779684990
-4.61925965006	53.31779688930
-4.61918670314	53.31779120450
-4.61911246254	53.31778541890
-4.61911061549	53.31778527500
-4.61905457568	53.31778679370
-4.61903717441	53.31778639110
-4.61896224269	53.31778465720
-4.61896024557	53.31778461100
-4.61888746076	53.31778105680
-4.61881268295	53.31777740520
-4.61881068533	53.31777730760
-4.61873948238	53.31778263050
-4.61868385063	53.31778678920
-4.61868270871	53.31778687460
-4.61860890441	53.31779559230
-4.61855590106	53.31780185290
-4.61853783198	53.31780961360
-4.61847604068	53.31783615270
-4.61843231806	53.31785493130
-4.61841200736	53.31785997100
-4.61834254890	53.31787720580
-4.61829339510	53.31788940230
-4.61827433908	53.31789580490
-4.61820915204	53.31791770700

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-4.61816235169	53.31793343140
-4.61814319054	53.31793881250
-4.61807525787	53.31795789030
-4.61802646986	53.31797159160
-4.61800764734	53.31797735770
-4.61794085782	53.31799781770
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-4.61787346265	53.31801753420
-4.61786451449	53.31801985060
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-4.61780100709	53.31803157100
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-4.61773456636	53.31803076170
-4.61770235178	53.31802563400
-4.61767190824	53.31801750470
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-4.61735269260	53.31792878940
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-4.62008853899	53.31391611430
-4.62008794731	53.31392848300
-4.61974944305	53.31412779390
-4.61972689226	53.31418897930
-4.61972406462	53.31419665130
-4.61972192017	53.31420103340
-4.61971915654	53.31420738810
-4.61971651252	53.31421814600
-4.61971707771	53.31422982230
-4.61971903776	53.31423975970
-4.61972221665	53.31424508460
-4.61973099953	53.31425855850
-4.61975267683	53.31429135010
-4.61980261143	53.31431974420
-4.61980494853	53.31432113150

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-4.61981116611	53.31432459130
-4.61998723746	53.31437044340
-4.62019660329	53.31437993110
-4.62064272910	53.31440014670
-4.62219970043	53.31447068560
-4.62241184871	53.31452697950
-4.62241247049	53.31452732550
-4.62241636764	53.31452966740
-4.62242012036	53.31453210240
-4.62242388961	53.31453480680
-4.62242735897	53.31453751780
-4.62243068390	53.31454032190
-4.62243354800	53.31454295630
-4.62243867645	53.31454823830
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-4.62244538564	53.31455726190
-4.62244555760	53.31455761780
-4.62244738315	53.31456045480
-4.62244893084	53.31456365770
-4.62245032860	53.31456686380
-4.62245158743	53.31457025280
-4.62245234688	53.31457284360
-4.62245270733	53.31457382470
-4.62245349983	53.31457695430
-4.62245385352	53.31458027330
-4.62245422924	53.31458395150
-4.62245443849	53.31458736360
-4.62245433135	53.31459051300
-4.62245394636	53.31459402810
-4.62245326700	53.31459763960
-4.62245256561	53.31460089190
-4.62245156434	53.31460415080
-4.62245041313	53.31460741310
-4.62244881210	53.31461068520
-4.62244706114	53.31461396060
-4.62244529916	53.31461705640
-4.62244253717	53.31462098350
-4.62240270715	53.31471087450
-4.62224507676	53.31508577630
-4.62220438199	53.31518647180
-4.62163187234	53.31660304530
-4.62159024525	53.31670604050
-4.62157968613	53.31671993970
-4.62155420840	53.31674765400
-4.62153911232	53.31676102350
-4.62152221686	53.31677443260
-4.62150349450	53.31678743230
-4.62148340059	53.31680010250

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-4.62146221851	53.31681216730
-4.62143923154	53.31682418180
-4.62141532286	53.31683585700
-4.62139034251	53.31684719600
-4.62136414606	53.31685829210
-4.62133689446	53.31686932140
-4.62130873216	53.31688019090
-4.62128009798	53.31689071120
-4.62125071955	53.31690133770
-4.62122073031	53.31691179780
-4.62118999682	53.31692236420
-4.62115926882	53.31693302040
-4.62112839636	53.31694376960
-4.62109722949	53.31695461520
-4.62106666240	53.31696544770
-4.62063999107	53.31710106840
-4.62062727165	53.31710422530
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-4.62060043373	53.31710976060
-4.62058735387	53.31711193640
-4.62057410755	53.31711384610
-4.62054814315	53.31711648500
-4.62053213722	53.31711746630
-4.62051625372	53.31711799530
-4.62048456514	53.31711788280
-4.62043779505	53.31711423550
-4.62035089525	53.31710014140
-4.62034375414	53.31709876980
-4.62033660753	53.31709730850
-4.62032945542	53.31709575740
-4.62032230881	53.31709429610
-4.62031516770	53.31709292450
-4.62030077956	53.31709090310
-4.62029323263	53.31709025980
-4.62028585216	53.31708988250
-4.62027832724	53.31708959840
-4.62027066888	53.31708958690
-4.62026316598	53.31708966200
-4.62025567958	53.31709000640
-4.62024745445	53.31709054680
-4.62024193388	53.31709111780
-4.62023402515	53.31709192100
-4.62022688267	53.31709297720
-4.62021944029	53.31709403990
-4.62021039800	53.31709594710
-4.62020181107	53.31709793410
-4.62019323513	53.31710010070
-4.62018631413	53.31710232090
-4.62017998741	53.31710443810

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-4.62017234968	53.31710721350
-4.62016576159	53.31710996580
-4.62016152864	53.31711194700
-4.62015554584	53.31711477600
-4.62014986844	53.31711768810
-4.62014435199	53.31712077650
-4.62013899099	53.31712395140
-4.62013394089	53.31712729930
-4.62012890179	53.31713082680
-4.62011272659	53.31714619800
-4.62009670405	53.31716651100
-4.62006577322	53.31721061920
-4.62006081526	53.31721792130
-4.62005586279	53.31722531310
-4.62005090482	53.31723261520
-4.62004057894	53.31724543010
-4.62003351618	53.31725268850
-4.62002584263	53.31725978060
-4.62001770822	53.31726670290
-4.62000479606	53.31727651760
-4.61999265704	53.31728424720
-4.61997974627	53.31729163420
-4.61996339078	53.31730161450
-4.61995863504	53.31730486600
-4.61995402925	53.31730811420
-4.61994942896	53.31731145220
-4.61994482867	53.31731479020
-4.61994068923	53.31731829790
-4.61993543273	53.31732317890
-4.61993190959	53.31732694280
-4.61992869184	53.31733078990
-4.61992562955	53.31733472350
-4.61992301711	53.31733864720
-4.61992056562	53.31734274720
-4.61991827508	53.31734702350
-4.61991618401	53.31735210460
-4.61991489910	53.31735563950
-4.61991310792	53.31736071400
-4.61991234438	53.31736540630
-4.61991144190	53.31737028150
-4.61991142810	53.31737495730
-4.61991133178	53.31737828620
-4.61991162889	53.31738313500
-4.61991237584	53.31738797400
-4.61991343370	53.31739298590
-4.61991438152	53.31739620190
-4.61991587822	53.31740102440
-4.61991828012	53.31740591680
-4.61991982223	53.31740902990

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-4.61992235208	53.31741355990
-4.61992433854	53.31741657330
-4.61992749018	53.31742144920
-4.61993152502	53.31742603610
-4.61993346197	53.31742824130
-4.61993749130	53.31743273840
-4.61994162657	53.31743651370
-4.61994528449	53.31743985010
-4.61995017501	53.31744369880
-4.61995457167	53.31744683900
-4.61996037289	53.31745084750
-4.61996488649	53.31745344570
-4.61996956654	53.31745631000
-4.61997592354	53.31745958700
-4.61998103144	53.31746208220
-4.61998782729	53.31746516970
-4.61999351847	53.31746738230
-4.62002582219	53.31747997950
-4.62004300169	53.31748589580
-4.62005172719	53.31748890900

Appendix 1b - Pelham Patch Development Site (Zone 2)

Longitude	Latitude
-4.62855893691	53.31284703730
-4.62861623310	53.31295069570
-4.62862436538	53.31294905540
-4.62865627335	53.31294261950
-4.62866531702	53.31295968530
-4.62866748253	53.31296377180
-4.62870216428	53.31302972290
-4.62881864402	53.31324564020
-4.62884019719	53.31328559290
-4.62884788690	53.31329984710
-4.62885965185	53.31332026780
-4.62889361302	53.31338425670
-4.62892801590	53.31345542900
-4.62895542789	53.31351057100
-4.62895553830	53.31351236680
-4.62896069876	53.31352304260
-4.62896441507	53.31353464950
-4.62896657684	53.31354539140
-4.62896424057	53.31355623260
-4.62895918161	53.31357162960
-4.62895934722	53.31357432340
-4.62895145517	53.31359248020
-4.62894595459	53.31360069380
-4.62893895466	53.31360894040
-4.62893323327	53.31361356230

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-4.62889674316	53.31363055170
-4.62886458546	53.31364474810
-4.62838378494	53.31385388180
-4.62770643823	53.31414350400
-4.62762018246	53.31418137120
-4.62761579470	53.31418326620
-4.62736274808	53.31429224560
-4.62731576114	53.31430946580
-4.62730620338	53.31432496190
-4.62730408733	53.31433939470
-4.62731058135	53.31434734380
-4.62737480292	53.31440536120
-4.62738900805	53.31441907460
-4.62746437035	53.31447513800
-4.62748356212	53.31448937080
-4.62750106334	53.31449563860
-4.62750148369	53.31449579030
-4.62751111647	53.31450060130
-4.62751693084	53.31450463990
-4.62752078964	53.31450635310
-4.62752464844	53.31450806630
-4.62753530964	53.31451052870
-4.62754441628	53.31451212620
-4.62755191319	53.31451196090
-4.62756235369	53.31451083160
-4.62756503602	53.31451050270
-4.62757129480	53.31450973540
-4.62761555898	53.31449707070
-4.62763980219	53.31448844400
-4.62765431198	53.31450206160
-4.62767724471	53.31452358410
-4.62761048015	53.31456102150
-4.62737117897	53.31466160560
-4.62730164259	53.31461728240
-4.62732668207	53.31460420190
-4.62733219181	53.31460132360
-4.62734392254	53.31458923790
-4.62735101891	53.31458192680
-4.62736608058	53.31456640930
-4.62737073000	53.31454922320
-4.62737585779	53.31453004840
-4.62728169195	53.31446118220
-4.62726852990	53.31444978350
-4.62719349988	53.31439667980
-4.62718406228	53.31438969480
-4.62716906849	53.31439002530
-4.62716162677	53.31439108840
-4.62681992309	53.31452090270
-4.62630510980	53.31457747440

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-4.62526746041	53.31416137530
-4.62526695420	53.31416135760
-4.62518685307	53.31415856320
-4.62514107213	53.31415696600
-4.62488111914	53.31402922710
-4.62490529864	53.31401746480
-4.62521726724	53.31391753380
-4.62522411448	53.31391534050
-4.62542135147	53.31385216010
-4.62635893428	53.31355181970
-4.62649549022	53.31350807510
-4.62688323564	53.31338386270
-4.62750788271	53.31318375590
-4.62834508745	53.31291554790
-4.62854396144	53.31285183500
-4.62855893691	53.31284703730

Appendix 1c - Pelham Patch Dredge (Zone 3)

Longitude	Latitude
-4.62485296538	53.31401872090
-4.62430263040	53.31396225330
-4.62403998967	53.31382961970
-4.62407628625	53.31377498820
-4.62418219075	53.31373107250
-4.62445167241	53.31370169960
-4.62473632588	53.31358841150
-4.62510746258	53.31356838990
-4.62541184826	53.31350034040
-4.62555309346	53.31347842140
-4.62578068304	53.31342694800
-4.62605739344	53.31338302880
-4.62629570909	53.31333992170
-4.62637331156	53.31331937170
-4.62647333451	53.31325576600
-4.62658079909	53.31315069060
-4.62670959513	53.31309388390
-4.62678965754	53.31303327530
-4.62692232274	53.31299892010
-4.62695532455	53.31296363770
-4.62696329745	53.31291469390
-4.62702389210	53.31288598300
-4.62713659386	53.31288067840
-4.62716369171	53.31287536340
-4.62720886339	53.31283158380
-4.62738071913	53.31276649140
-4.62753236334	53.31272985700
-4.62766773905	53.31266787520
-4.62788363649	53.31257630570
-4.62794574680	53.31254477430

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-4.62813905950	53.31248905500
-4.62817265586	53.31252405540
-4.62822677888	53.31248583410
-4.62823410615	53.31246952430
-4.62827961123	53.31247129030
-4.62828454575	53.31243470090
-4.62831410500	53.31242097350
-4.62839034866	53.31236065520
-4.62855567991	53.31282983110
-4.62485296538	53.31401872090

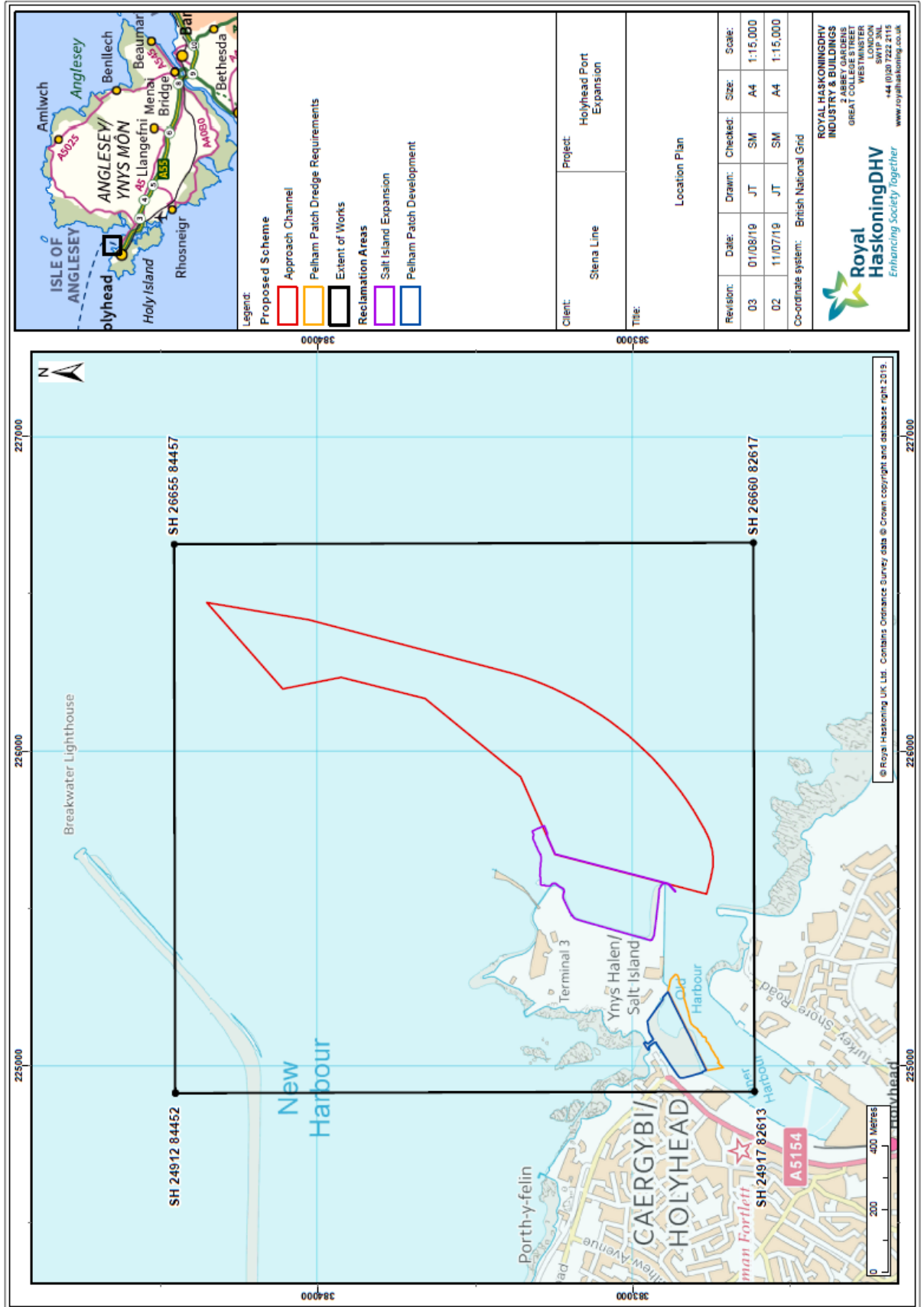
Appendix 1d - Approach Channel (Zone 4)

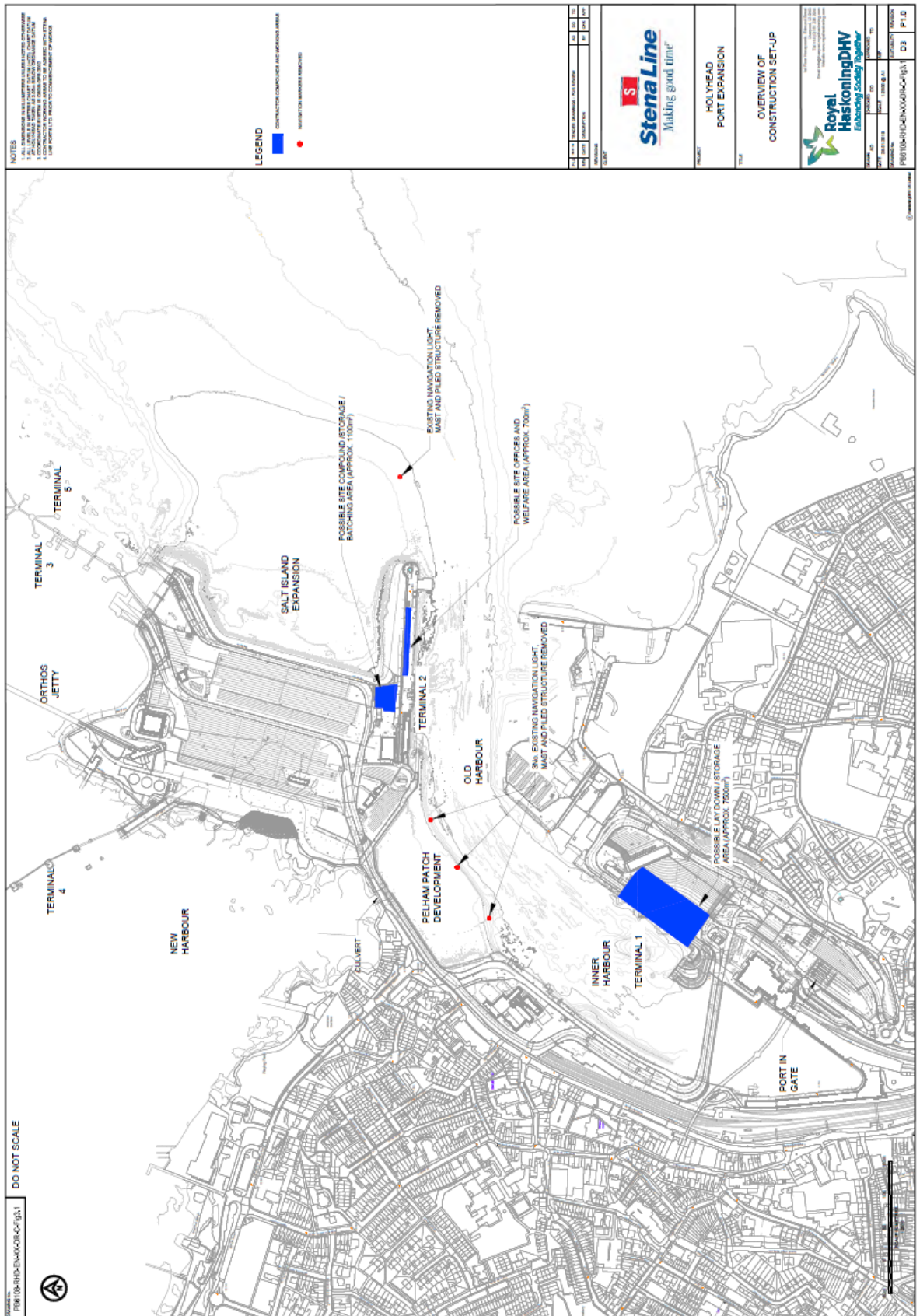
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-4.61490939447	53.31844740160
-4.61134281669	53.32125924260
-4.61046329028	53.32367652900
-4.61113100758	53.32533009260
-4.60714096927	53.32757897440
-4.60779048140	53.32466012860
-4.60995828316	53.31884057730
-4.61009646371	53.31853291570
-4.61025240558	53.31822831370
-4.61042592020	53.31792713870
-4.61061679783	53.31762975420
-4.61082480778	53.31733651910
-4.61104969871	53.31704778710
-4.61129119891	53.31676390660
-4.61154901664	53.31648522010
-4.61182284054	53.31621206400
-4.61211233992	53.31594476770
-4.61241716518	53.31568365390
-4.61273694829	53.31542903750
-4.61307130316	53.31518122570
-4.61341982615	53.31494051750
-4.61378209657	53.31470720320
-4.61415767712	53.31448156450
-4.61454611452	53.31426387340
-4.61494693994	53.31405439260
-4.61535966968	53.31385337470
-4.61578380568	53.31366106240
-4.61621883614	53.31347768750
-4.61666423613	53.31330347130
-4.61711946824	53.31313862400
-4.61720605123	53.31310785660
-4.61729430874	53.31307884600
-4.61738414146	53.31305162480
-4.61747544824	53.31302622370
-4.61756812634	53.31300267110
-4.61766207142	53.31298099370

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-4.61775717774	53.31296121580
-4.61785333850	53.31294335970
-4.61795044568	53.31292744550
-4.61804838952	53.31291349110
-4.61814705979	53.31290151220
-4.61824634542	53.31289152230
-4.61834613466	53.31288353260
-4.61844631521	53.31287755220
-4.61854677429	53.31287358770
-4.61864739884	53.31287164360
-4.61874807559	53.31287172220
-4.61884869125	53.31287382320
-4.61894913254	53.31287794450
-4.61904928643	53.31288408120
-4.61914904019	53.31289222650
-4.61924828154	53.31290237130
-4.61934689877	53.31291450410
-4.62016188097	53.31302333150

Appendix 2 – Location Plan





Appendix 4 – Location of geophysical anomaly 7003

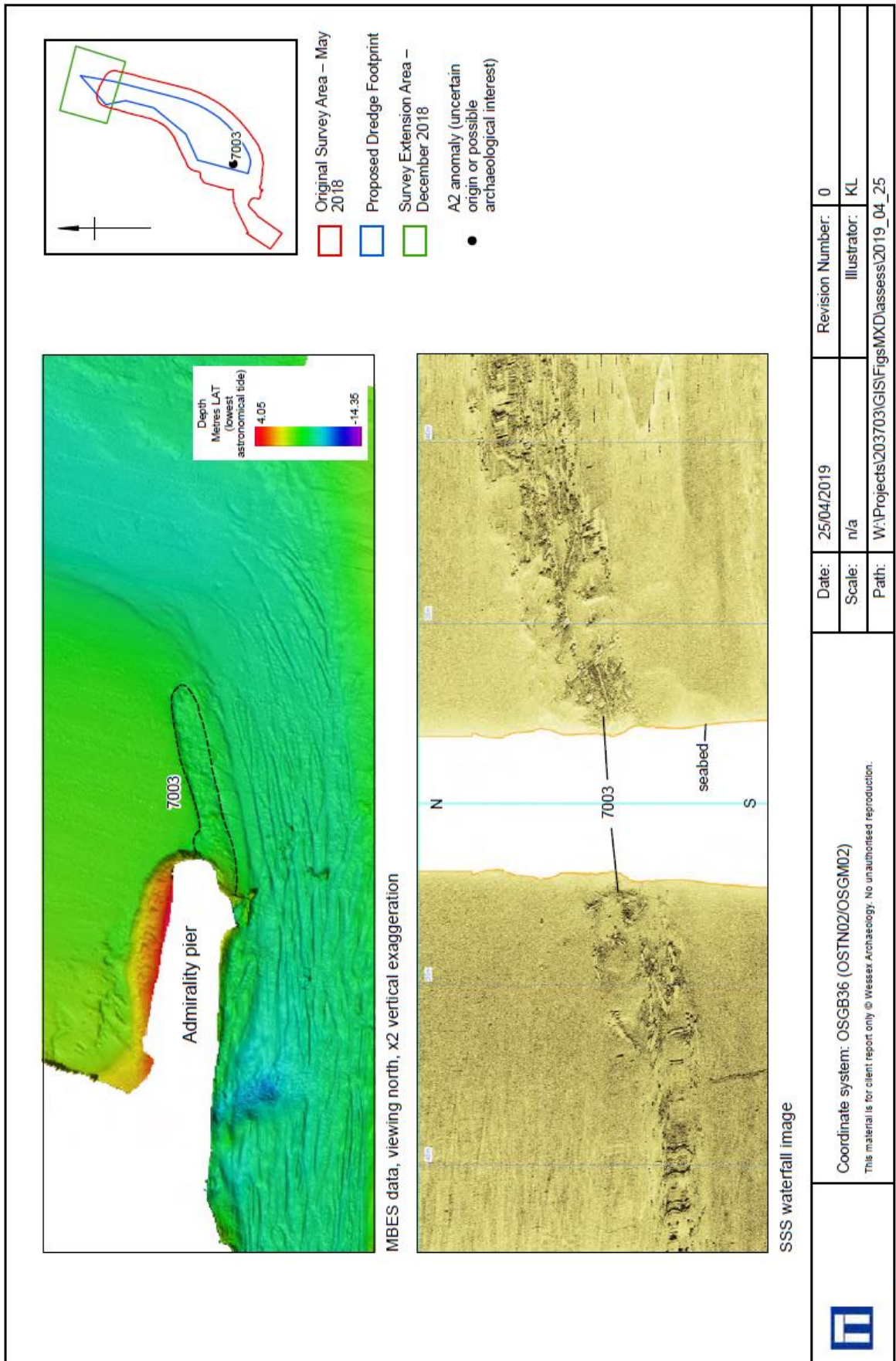


Figure 4

Data example – 7003