

Marine licence application form: construct, alter or improve any works

Marine (Scotland) Act 2010

Marine and Coastal Access Act 2009

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Section one - Acronyms and explanatory notes

Acronyms

Acronyms referred to in this application form:

EIA	Environmental Impact Assessment
MHWS	Mean High Water Springs
MPA	Marine Protected Area
MD-LOT	Marine Directorate – Licensing Operations Team
SAC	Special Area of Conservation
SPA	Special Protection Area
SSSI	Site of Special Scientific Interest
WGS84	World Geodetic System 1984

Explanatory notes

The following numbered paragraphs correspond to the questions in the application details (section four) and are intended to assist in completing the form. These explanatory notes are specific to this application form and should be read in conjunction with marine licensing guidance: <https://www.gov.scot/collections/marine-licensing-and-consent/>

1. Applicant details

The person making the application who will be named as the licensee. If an applicant is an organisation or company, the registered company address should be given.

2. Agent details (if any)

Any person acting under contract (or other agreement) on behalf of any party listed as the applicant.

3. Payment

An invoice for the application fee will be issued by MD-LOT after an application is received and initial checks have been carried out. The invoice will provide information on accepted methods of payments. Information on marine licensing fees can be found at:

<https://www.gov.scot/publications/marine-licence-application-fees/>

All payments should reference the invoice number to allow the payment to be processed efficiently and to prevent delays. Application fees should not be sent with applications prior to receiving an invoice.

4. Cost of the activity

Provide the cost of the activity seawards of the tidal limit of MHWS. This estimate should only cover work taking place below the tidal level of MHWS and must take into consideration the cost of materials, labour etc.

5. Application type

Indicate if the application is for a new construction site or an existing construction site. Provide the existing or previous marine licence reference and expiry date if applicable.

6. Scotland's National Marine Plan

Any applicant for a marine licence should consider their proposals with reference to Scotland's National Marine Plan. Scotland's National Marine Plan can be found at:

<https://www.gov.scot/publications/scotlands-national-marine-plan/pages/0/>

Provide information on how the proposed activity is in accordance with Scotland's National Marine Plan, including reference to relevant policies. This should include consideration of the General Policies and any Sector Policies.

7. Activity details

- a) Give a brief description of the activity (e.g. construction of a new sea outfall). This description may be used on the marine licence if it is granted.
- b) Provide the total area of the proposed activity in square metres and total length in metres where relevant e.g. for bridges, causeways.
- c) Provide the proposed start date of the project. This must be a date in the future as marine licences are not back dated. Consideration should be given to the marine licensing process which must be completed prior to the proposed start date. Target duration for determination of a marine licence application where EIA is not required is 14 weeks.
- d) Provide the proposed end date of the activity. The proposed end date should be the maximum duration expected and should include time for contingencies.

If a marine licence to construct, alter or improve of works is granted, it will normally be valid for the duration of the activity and the licence will expire at the proposed end date. If an activity will not be completed before a marine licence expires, the licence holder must apply to vary the marine licence to update the proposed end date. If this is required, licence holders should apply to vary the marine licence to continue any ongoing work at least 14 weeks (if an EIA is not required) prior to the expiry date on the licence.

- e) Describe the location of the proposed activity.

Include a list of the latitude and longitude co-ordinates (WGS84) of the boundary points of the proposed activity.

Latitude and longitude coordinates of the activity must be provided in World Geodetic System 1984 (WGS84) degrees, decimal minutes (to three decimal places) format XX°X.XXX'N XXX°X.XXX'W or E e.g. 57°8.567'N 002°5.383'W.

Coordinates taken from recent admiralty charts or GPS equipment are likely to be available in WGS84 compatible datum and in degrees, decimal minutes format.

It is important that the correct positions, in the correct format, are included with this application, as any errors will result in the application being refused or delayed.

To supplement your application, provide photographs of the activity location and submit these with your application.

Also provide a suitably scaled extract of an Ordnance Survey Map (1:2,500 scale but not more than 1:10,000) or Admiralty Chart which must be marked to indicate:

- the full extent of the works in relation to the surrounding area
- latitude and longitude co-ordinates defining the location of the works

The map or chart may also show the level of MHWS and any adjacent SAC, SPA, SSSI, MPA, Ramsar or similar conservation area boundary.

Maps and charts will be consulted upon. If they are subject to copyright, it is your responsibility as the applicant to obtain necessary approvals to reproduce the documents and to submit suitably annotated copies with the application.

f) Drawings of the licensed activity.

Drawings will be consulted upon. If they are subject to copyright, it is your responsibility as the applicant to obtain necessary approvals to reproduce the documents and to submit suitably annotated copies with the application.

Drawings for the following works should include:

- Sewer outfalls, discharge pipes for industrial waste etc.
 - The size and description of the pipe must be shown on the longitudinal sections and details of its supports, foundations, methods of jointing and details of any tidal flaps.
- Bridges over tidal waters
 - An elevation with longitudinal and cross-sections of the bridge to a suitable scale must show the dimensions of the spans and width of piers, etc. above and below MHWS and the maximum and minimum heights of the undersides of the superstructures above MHWS. The headroom above MHWS and the width of span of the nearest bridges, if any, above and below the site must be stated.
- Tunnels under tidal waters
 - The longitudinal section of the tunnel must show the distances between the bed of the river or estuary and the top of the tunnels. Cross-sections must show the internal and external dimensions of the tunnel and particulars of construction. When a proposed future dredging level is known this must also be shown on all sections.
- Overhead cables
 - Catenary must be supplied in addition to the site plan showing the minimum clearance of the cable at MHWS and the electrical clearance allowed.

g) Indicate if the activity is located within the jurisdiction of a Statutory Harbour Authority and provide details of the Statutory Harbour Authority where relevant.

h) Provide a full method statement, including schedule of works and estimated duration of construction.

- i) Provide an assessment of the potential adverse impacts which the activity may have on human health, the environment and legitimate uses of the sea. Include details of sensitive areas e.g. Special Areas of Conservation, Special Protection Areas, Sites of Special Scientific Interest, Marine Protected Areas, Ramsar sites, Priority Marine Features, National Scenic Areas, seal haul out sites, bathing waters, shellfish harvesting areas.

Further guidance on designated conservation areas can be obtained from NatureScot: <https://www.nature.scot/professional-advice/protected-areas-and-species/priority-marine-features-scotlands-seas/feature-activity-sensitivity-tool-feast>

Scotland's National Marine Plan Interactive can provide information to support applications: <https://marinescotland.atkinsgeospatial.com/nmpi/>

Guidance on shellfish harvesting areas can be obtained from Food Standards Scotland: <https://www.foodstandards.gov.scot/>. Parameters are set to protect the water quality in which edible shellfish are grown.

You should also be aware of the need to pay due regard to coastal and marine archaeological matters and attention is drawn to Historic Scotland's Operational Policy Paper HP6, "Conserving the Underwater Heritage"
<https://www.historicenvironment.scot/archives-and-research/publications/>

Information on bathing waters can be obtained from the Scottish Environment Protection Agency: <https://bathingwaters.sepa.scot/>

Where there are potential adverse impacts from the activity, provide details of proposed mitigation, such as use of Marine Mammal Observers or Passive Acoustic Monitoring, to avoid or reduce potential adverse impacts.

8. Materials used

- a) Complete the table to indicate all the permanent materials to be used (below MHWS) to construct, alter or improve works and the quantity, dimension and weights of the materials. MD-LOT may require samples of materials to be chemically analysed.
- b) Complete the table to indicate all the materials to be removed (from below MHWS) in construction, alteration or improvement of the works (quantity, dimension and weights of the materials).
- c) Complete the table to indicate any temporary works used in construction (below MHWS) and a description of the materials used in the temporary works (quantity, dimension and weights of the materials).

9. Marine Noise Registry

The Department for Environment Food & Rural Affairs (DEFRA) and Joint Nature Conservation Committee (JNCC) developed the [Marine Noise Registry](#) (MNR) to record human activities in UK seas that produce loud, low to medium frequency (10Hz – 10kHz) impulsive noise.

There is a requirement to monitor loud, low to mid frequency impulsive noise. Activities where this type of noise is produced include seismic airguns, other geophysical surveys (<10kHz), pile driving, explosives and certain acoustic deterrent devices.

Where noisy activity is being undertaken, you must register an account with the MNR which allows you to provide details of the proposed application/activity.

The MNR collects the estimated location and date data on noisy activities (during the planning stages). This data should be provided as a proposed application/activity in the MNR and the reference number of the MNR proposed application/activity must be included in the marine licence application form. Applications for licensable marine activities that produce loud, low to medium frequency (10Hz – 10kHz) impulsive noise will not be accepted until the MNR has been completed and submitted.

10. Statutory consenting powers

Describe what (if any) statutory responsibilities you (or your client) have to consent any aspect of the activity.

11. Statutory Pre-Application Consultation

Certain activities within 0-12 nautical miles of the coast are subject to public pre-application consultation requirements. Such 'prescribed classes' of activity are often larger projects, with a greater potential for impacts on the environment, local communities and other legitimate uses of the sea.

If the activity is subject to pre-application consultation requirements, the application must include:

- the date of the notification to the consultees specified in the Marine Licensing (Pre-application Consultation) (Scotland) Regulations 2013 and a copy of the notification
- the date of the public notice for the PAC event and a copy of the public notice
- the date the PAC event was held and the type of PAC event held
- a copy of the PAC report

Statutory Pre-Application Consultation will allow those local communities, environmental groups and other interested parties to comment on a proposed development in its early stages – before an application for a marine licence is submitted. Further information can be obtained from: www.gov.scot/publications/marine-licensing-overview/

The Marine Licensing (Pre-application Consultation) (Scotland) Regulations 2013 and the Marine (Scotland) Act 2010 sets out process for complying with the Pre-Application Consultation Process.

12. Consultation (in addition to Statutory Pre-Application Consultation)

List any persons or bodies that you have consulted and provide copies of any correspondence with the application.

13. Environmental Impact Assessment (EIA)

The Marine Works (Environmental Impact Assessment) (Scotland) Regulations 2017 (0-12nm) and the Marine Works (Environmental Impact Assessment) Regulations 2007 (12-200nm) set out a framework for assessing the significant environmental impacts of activities within Scotland's waters.

There may be a requirement for an EIA to be carried out for applications for certain projects and for an EIA report to be submitted with marine licence applications for those activities. If an EIA and EIA report is required, an EIA report must be submitted with the application.

You must indicate if the application is for an "EIA project" and provide information on any EIA screening opinions or EIA scoping opinions that have been given in relation to the proposed activity. MD-LOT checks applications against any advice given during EIA screening, including whether a project was 'screened out' of EIA, based on proposed mitigation.

Further information on EIA can be found at: <https://www.gov.scot/publications/marine-licensing-and-consenting-environmental-impact-assessment-requirements/>

14. Associated works

Indicate whether the application is associated with any other marine activities (e.g. land reclamation, marine/harbour construction works, dredging and sea deposit of dredged materials etc). If this is the case, provide reference/licence number for the related marine activities.

If dredging and deposit of any substances or objects is required as part of a construction activity, a separate marine licence application for the dredging and deposit of substances or objects will be required.

Section two - Register of licensing information and declaration

Important information

It is an offence to fail to disclose information or to provide false or misleading information when making an application.

Target duration for determination is 14 weeks if an EIA is not required. Note that missing or erroneous information in your application and complications resulting from consultation may result in the application being refused or delayed.

It is your responsibility to obtain any other consents or authorisations that may be required.

Register of licensing information

A register of marine licensing information must be maintained by the licensing authority.

Information must not appear in the register if the licensing authority determines that its disclosure in the register would adversely affect the confidentiality of commercial or industrial information where such confidentiality is provided by law to protect a legitimate commercial interest or, in relation to an application made under the Marine and Coastal Access Act 2009, the Secretary of State determines that its disclosure in the register would be contrary to the interests of national security.

Do you consider that any of the information contained within or provided in support of this application should not be disclosed (mark "X" against the relevant answer):	Yes	No
for reasons of national security		
for reasons of confidentiality of commercial or industrial information where such confidentiality is provided by law to protect a legitimate commercial interest?		

If yes, provide full justification as to why all or part of the information you have provided should be withheld (attach separate document if necessary).

Declaration

I declare to the best of my knowledge and belief that the information given in this form and related papers is true.

Signature:	[Redacted]
Date:	6th Aug 2026
Name in block capitals:	ROBIN BURNETT ON BEHALF OF SCOTTISH HYDRO ELECTRIC POWER DISTRIBUTION PLC

Section three - Application check list

Check that you provide all relevant information in support of your application, including but not limited to the following (mark “X” against the relevant section).

Completed and signed application form	
Activity drawings	
Maps/charts	
Co-ordinates of the boundary points of the area of the harbour jurisdiction (if you are a Statutory Harbour Authority)	
Method statement	
Photographs of the location of the activity	
Additional information e.g. consultation correspondence (if applicable)	
Noise Registry (if applicable)	
Statutory Pre-Application Consultation information (if applicable)	
EIA Report (if applicable)	
EIA screening opinion reference number (if applicable)	
EIA scoping opinion reference number (if applicable)	

Supporting documents subsequently to be submitted as agreed with MD-LOT casework manager (4th August 2026).

Section four - Application details

1. Applicant details

Title:	MR
Full name:	ROBIN BURNETT
Full name of contact (if different):	
Company name (if appropriate):	SCOTTISH HYDRO ELECTRIC POWER DISTRIBUTION PLC
Registered company number (if appropriate):	SC213460
Address:	Inveralmond House Dunkeld Road 200 Perth PH1 3AQ
Telephone number (including dialling code):	[Redacted]
Email:	submarinecablesproject@sse.com [Redacted]

Is the applicant a Statutory Harbour Authority? If yes, provide a list of the latitude and longitude co-ordinates (WGS84) of the boundary points of the area of harbour jurisdiction using Appendix 01 Additional Co-ordinates form if necessary. Mark “X” against the relevant answer.

Yes	
No	

2. Agent details (if any)

Title:	
Full name:	
Company name (if appropriate):	
Registered company number (if appropriate):	
Address:	
Telephone number (including dialling code):	
Email:	

3. Payment

Contact address to send invoice to:

Title:	MR
Full name:	Robin Burnett
Address:	Inveralmond House 200 Dunkeld Road Perth PH1 3AQ
Email:	submarinecablesadmin@sse.com [Redacted]

4. Cost of the activity

Cost of the activity seawards of the tidal limit of MHWS (£):	
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5. Application type

Is this application for a new or existing construction site? Mark “X” against the relevant answer.

New site	
Existing site	

If an existing site, provide the marine licence reference and expiry date below.

Marine licence reference	
Expiry date	

6. Scotland’s National Marine Plan

Provide details of how the proposed activity is in accordance with Scotland’s National Marine Plan including reference to relevant policies. This should include consideration of the General Policies and any Sector Policies (attach separate document if necessary).

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7. Activity Details

b) Total area of the proposed activity (in square metres) and / or total length (in metres):	
c) Proposed start date (target duration for determination [REDACTED] 14 weeks):	
d) Proposed end date:	

e) Describe the location of the proposed activity: To supplement your description, provide photographs of the activity location and submit these with your application. Also provide a suitably scaled extract of an Ordnance Survey Map (1:2,500 scale but not more than 1:10,000) or Admiralty Chart

Latitude and Longitude co-ordinates (WGS84) defining the extent of the activity
(continue on Appendix 01 Additional Co-ordinates form if necessary):

Latitude										Longitude									
		°			.				'N				°			.			'W
		°			.				'N				°			.			'W
		°			.				'N				°			.			'W
		°			.				'N				°			.			'W
		°			.				'N				°			.			'W
		°			.				'N				°			.			'W
		°			.				'N				°			.			'W
		°			.				'N				°			.			'W
		°			.				'N				°			.			'W
		°			.				'N				°			.			'W

See appended table for coordinates.

f) Provide drawings of the licensed activity with the application.	
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g) Is the activity located within the jurisdiction of a Statutory Harbour Authority?

Yes	
No	

If yes, specify which Statutory Harbour Authority.

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h) Method statement including schedule of work (attach separate document if necessary):

i) Provide an assessment of the potential adverse impacts the activity may have (include details of sensitive areas) and proposed mitigation in response to potential adverse impacts (attach separate document if necessary):

8. Materials used See Appended Table.

a) Provide a description of the permanent works and materials used in construction, alteration or improvement of the works (continue on a separate sheet if necessary):

Type of material	Permanent works description	Quantity & Dimensions (metric) of materials	
Steel/Iron		No.	
		Dimensions	
		Weight (kg/tonnes)	
Timber		No.	
		Dimensions	
		Weight (kg/tonnes)	
Concrete		No.	
		Dimensions	
		Weight (kg/tonnes)	
Plastic/Synthetic		M ²	
Clay (< 0.004 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Silt (0.004 mm - < 0.063 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Sand (0.063 mm - < 2.0 mm)		Volume (m ³)	
		Weight (kg/tonnes)	

a) Provide a description of the permanent works and materials used in construction, alteration or improvement of the works (continue on a separate sheet if necessary):			
Type of material	Permanent works description	Quantity & Dimensions (metric) of materials	
Gravel (2.00 mm - < 64.0 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Cobbles (64.0 mm - < 256.0 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Boulders (≥ 256.0 mm)		Volume (m ³)	
		Weight (kg/tonnes)	
Pipe		Length (m)	
		External	
		Diameter (cm/m)	
Other (describe below):			

b) Provide a description of the materials to be removed from below MHWS in construction, alteration or improvement of the works (continue on a separate sheet if necessary):			
Type of material	Removal description	Quantity & Dimensions (metric) of materials	
Steel/Iron		No.	
		Dimensions	
		Weight (kg/tonnes)	
Timber		No.	
		Dimensions	
		Weight (kg/tonnes)	
Concrete		No.	
		Dimensions	
		Weight (kg/tonnes)	
Plastic/ Synthetic		M ²	
Clay (< 0.004 mm)		Volume (m ³)	
		Weight (kg/tonnes)	

b) Provide a description of the materials to be removed from below MHWS in construction, alteration or improvement of the works (continue on a separate sheet if necessary):

Type of material	Permanent works description	Quantity & Dimensions (metric) of materials	
Silt (0.004 mm - < 0.063 mm)		Volume (m³)	
		Weight (kg/tonnes)	
Sand (0.063 mm - < 2.0 mm)		Volume (m³)	
		Weight (kg/tonnes)	
Gravel (2.00 mm - < 64.0 mm)		Volume (m³)	
		Weight (kg/tonnes)	
Cobbles (64.0 mm - < 256.0 mm)		Volume (m³)	
		Weight (kg/tonnes)	
Boulders (≥ 256.0 mm)		Volume (m³)	
		Weight (kg/tonnes)	
Pipe		Length (m)	
		External Diameter (cm/m)	
Other (describe below):			

c) Provide a description of any temporary works and materials used in construction, alteration or improvement of the permanent works (continue on a separate sheet if necessary):

Type of material	Temporary works description	Quantity & Dimensions (metric) of materials	
Steel/Iron		No.	
		Dimensions	
		Weight (kg/tonnes)	
Timber		No.	
		Dimensions	
		Weight (kg/tonnes)	
Concrete		No.	
		Dimensions	
		Weight (kg/tonnes)	

c) Provide a description of any temporary works and materials used in construction, alteration or improvement of the permanent works (continue on a separate sheet if necessary):			
Type of material	Temporary works description	Quantity & Dimensions (metric) of materials	
Plastic/ Synthetic		m²	
Clay (< 0.004 mm)		Volume (m³)	
		Weight (kg/tonnes)	
Silt (0.004 mm - < 0.063 mm)		Volume (m³)	
		Weight (kg/tonnes)	
Sand (0.063 mm - < 2.0 mm)		Volume (m³)	
		Weight (kg/tonnes)	
Gravel (2.00 mm - < 64.0 mm)		Volume (m³)	
		Weight (kg/tonnes)	
Cobbles (64.0 mm - < 256.0 mm)		Volume (m³)	
		Weight (kg/tonnes)	
Boulders (≥ 256.0 mm)		Volume (m³)	
		Weight (kg/tonnes)	
Pipe		Length (m)	
		External Diameter (cm/m)	
Other (describe below):			

9. Marine Noise Registry

Will loud, low to mid frequency (10Hz to 10kHz) impulsive noise be produced by the activity (mark "X" against the relevant answer)?

Yes	
No	

If yes, provide the Marine Noise Registry – Application Reference Number:

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If yes, indicate the noise generating activities and sound frequencies:

Noise Generating Activity	Sound Frequency (Hertz)
Use of Explosives	
Use of Acoustic Deterrent Devices	
Piling	

10. Statutory consenting powers

Do you, or (if appropriate) your client, have statutory powers to consent any aspect of this activity?

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11. Statutory Pre-Application Consultation

Is the application subject to statutory Pre-Application Consultation (mark "X" against the relevant answer)?

Yes	
No	

If yes, provide the following information:

The date of the notification to the consultees specified:	
A copy of the notification (attach with application):	
Date of public notice for the pre-application consultation event:	
A copy of the public notice for the pre-application consultation event (attach with the application):	
Date of pre-application consultation event:	
Type of consultation event held:	
A copy of the PAC report:	

12. Consultation in addition to Statutory Pre-Application Consultation

List any persons or bodies that you have consulted (in addition to any Statutory Pre-Application Consultation requirements) and provide copies of any correspondence:

13. Environmental Impact Assessment

Mark “X” against the relevant answer:

	Yes	No
Is the proposed activity an “EIA project” or part of an EIA project?		
Does the proposed activity fit a description in schedule 1 (0-12 nm) or schedule A1 (12-200 nm) of the relevant EIA regulations?		
Does the proposed activity fit a description in schedule 2 (0-12 nm) or schedule A2 (12-200 nm) of the relevant EIA regulations?		

Have you attached an EIA report? Mark “X” against the relevant answer?

Yes	
No	

Provide any relevant EIA screening or scoping opinion reference numbers related to the activity (if applicable):

Screening opinion reference number:	
Scoping opinion reference number:	

14. Associated works

Provide details of other related marine activities, including marine licence reference numbers (if applicable):



Table 1 Indicative Coordinates for the Cable Corridor (WGS84) in Degrees, Minutes, And Seconds (DMS)

LATITUDE (DDM)	LONGITUDE (DDM)
<i>For the avoidance of doubt, the landward boundaries of the proposed cable corridor covered by this MEA are the Mean High Water Springs (MHWS). The landfall boundaries defined by the coordinates within this document should be considered approximations, due to the requirement to limit the number of vertices.</i>	
59°21.494'N	2°26.079'W
59°21.480'N	2°25.962'W
59°21.450'N	2°25.841'W
59°19.918'N	2°25.330'W
59°19.332'N	2°26.978'W
59°18.292'N	2°27.717'W
59°18.084'N	2°27.285'W
59°17.705'N	2°26.914'W
59°17.579'N	2°26.793'W
59°17.529'N	2°26.831'W
59°17.448'N	2°26.935'W
59°17.381'N	2°27.099'W
59°17.328'N	2°27.273'W
59°17.293'N	2°27.457'W
59°17.270'N	2°27.640'W
59°17.263'N	2°27.813'W
59°17.273'N	2°27.973'W
59°17.286'N	2°28.071'W
59°17.613'N	2°28.453'W
59°18.666'N	2°29.151'W
59°19.300'N	2°28.593'W
59°19.515'N	2°28.128'W
59°19.768'N	2°27.021'W
59°20.769'N	2°26.169'W
59°21.347'N	2°26.360'W
59°21.459'N	2°26.390'W
59°21.476'N	2°26.372'W
59°21.491'N	2°26.334'W
59°21.498'N	2°26.267'W
59°21.498'N	2°26.144'W



Table 2 Deposit Schedule

TYPE OF DEPOSIT / REMOVAL	DEPOSITS		REMOVALS	
	Description	Quantity and Dimensions (metric)	Description	Quantity & Dimensions (metric)
Submarine Cable	HVAC power cable. Three core design with copper round compacted stranded conductors, XLPE insulation, copper laminated tape and polyethylene outer sheath, PPY, galvanized steel-wire armour.	Quantity No. 1 Dimensions: • Diameter: 102.5 mm; and • Length: 10,400 m. Weight: 27.1 kg/m	HVAC power cable. Three core design with copper conductors, EPR insulation, and polyethylene outer sheath. Existing cables in the nearshore at both ends (two cables), as well as potential removal of subtidal sections to allow the new cable to cross the route.	N/A Dimensions • Diameter: 64 mm; and • Length: 1,450 m. Weight: 9.3 kg/m
Earthing wire	Copper wire for earthing.	Quantity No. 4 Dimensions: • Diameter: 95 mm²; and • Total Length: 1,100 m. Weight: 0.6 kg/m	N/A	N/A
Tubular Cable Protection System	A tubular cable protection system will be used. It interlocks around the cable and is fixed with bolted end clamps. This will be placed on either shore end of the cable where burial is not possible.	Quantity No. 4,000 m Dimensions: • Diameter: 260 mm; • Length of each shell: 639 mm; and • Length: 500 m.	N/A	N/A



TYPE OF DEPOSIT / REMOVAL	DEPOSITS		REMOVALS	
	Description	Quantity and Dimensions (metric)	Description	Quantity & Dimensions (metric)
		Weight: 37 kg/m		
2 t Rock Bags	Rock bags may be required to stabilise the cable.	Quantity No. 276 Dimensions: • Diameter: 2.4 m; and • Height: 0.6 m. Weight: 2 t each	N/A	N/A
Earthing Clump Weight	Concrete or chain clump weight or for earthing wires.	Quantity No. 6 Dimensions: • Diameter: 1 m; and • Height: 0.5 m. Weight: Up to 40 kg each.	N/A	N/A
Clump Weight	Steel, or iron clump weights for securing free cable ends - may be required where existing cable(s) are cut to secure the cable ends.	Quantity No. 12 Dimensions: • Diameter: 1 m; and • Height: 0.5 m. Weight: Up to 100 kg each.	N/A	N/A
Rock Anchors		Quantity	N/A	N/A



TYPE OF DEPOSIT / REMOVAL	DEPOSITS		REMOVALS	
	Description	Quantity and Dimensions (metric)	Description	Quantity & Dimensions (metric)
	Stainless steel threaded rod, plus bolt fixing and marine grade resin.	No. 20 Dimensions: • Diameter: 0.02 m; and • Length: 0.3 m. Weight: 2 kg each		
Aids to Navigation (AtoN)	Two new permanent AtoN will be installed.	Quantity: 2	N/A	N/A
Concrete Plinth	A single concrete plinth and single fibre box for the TJP at North Ronaldsay.	Quantity: 1, Dimensions: 10 m x 3 m, Weight: 29 t	N/A	N/A
Fibre Box		Quantity: 1, Dimensions: 1 m x 1 m, Weight: N/A		
Temporary Equipment Deposits below Mean High Water Springs (MHWS)				
Anchors	2 t Delta Flipper Anchors may be used for diving support vessel or pontoon support craft mooring spread.	Quantity: 4 Dimensions: Diameter: 2.4 m Length: 2.6 m Weight: 2 t	N/A	N/A
Moorings	Mooring chains will be attached to the anchors for the diving support vessel or pontoon support craft mooring spread.	Quantity: 4 Dimensions: Diameter 0.3 m	N/A	N/A



TYPE OF DEPOSIT / REMOVAL	DEPOSITS		REMOVALS	
	Description	Quantity and Dimensions (metric)	Description	Quantity & Dimensions (metric)
		Length: 54 m		
		Weight: N/A		



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