

Application for a Band 1 Marine Licence

Project description

Project name

Marine Survey & Site Investigation Works SOBR2

Please provide a brief description of the proposed project, including location.

McMahon Design and Management Ltd (MDM) is working to identify the best cable route to support the proposed installation of a new subsea fibre optic cable system, SOBR2, which will link Ireland to the United Kingdom, from a landfall at Portmarnock, North Dublin to a landfall at Abergele, Conwy on the North coast of Wales. Only works carried out in Welsh waters are being considered in this marine license application as works carried out in Irish waters will be covered under the Irish regulatory system.

The site investigation (S.I.) works will be predominately composed of geophysical survey (considered to be exempt from requiring a marine licence) and geotechnical survey techniques, identified in Table 1. A cable route corridor of approximately 500 m width will be surveyed (hereafter referred to as the 'Survey Area').

The proposed S.I. works area boundary extends approximately 116.41 km out into the inner offshore waters of Anglesey from Abergele, North Wales with an overall area of approximately 10,620 ha. The S.I. survey area is indicated in Figure 1 and is comprised of the cable corridor and landfall locations. The cable corridor is not uniform in width but is predominately 500 m, with some sections varying between 400 – 700 m in width.

S.I. activities include:

- Seabed CPT's to 3m (offshore);
- Grab samples (2 per location) (offshore);
- Vibrocore/gravity core (120mm diameter) to 3m (offshore); and
- Slit Trenches, 0.8m to 1m in width, up to 2.5m in depth (intertidal area).

The exact locations of the above works within the cable corridor are not yet known as they will be informed by a preceding geophysical survey.

Applicant details

To whom the licence will be issued. This must be a legal entity such as an individual, registered company/ charity or public body.

Title	Mr
Full name	Rory Ryan
Company or trading name	McMahon Design & Management Limited
Company Registration Number (if applicable)	167084
Name of contact or individual (if different)	As above
Position in company	Project Engineer
Address (provide registered company address if applicable)	15 The Seapoint Building Clontarf Road Dublin
Postcode	3
Telephone number	003531 853 6500
Email address	rory@mdmeng.ie

Details of agent, contractor, vehicles and/or vessels used to carry out works

Agent details

This is who we will correspond with unless otherwise informed. If no agent is identified we will contact the applicant.

Title	Mrs
Full name	Louise Bridges
Company or trading name	APEM Ltd
Company Registration Number (if applicable)	02530851
Name of contact or individual (if different)	Louise Bridges
Position in company	Marine Technical Specialist
Address (provide registered company address if applicable)	A17 Embankment Business Park Heaton Mersey Manchester
Postcode	SK4 3GN
Telephone number	07775229494
Email address	l.bridges@apemltd.co.uk

Does the applicant wish to be included in all correspondence?

No

Will the works require the use of vessels?

Yes

Will the works require the use of any vehicles?

Yes

Proposed project details

Licensable period

Determination of applications will be based on the works taking place during these dates. Please ensure you have included an adequate contingency period. If works are not completed by the requested licence expiry date you may be required to submit a new application. Including a contingency period within your original application does not impact on the licence fee.

Start date (DD/MM/YYYY) 01/08/2023

Requested licence expiry date (DD/MM/YYYY) 29/02/2024

Please detail the location of the proposed project.

This should be either Ordnance Survey National Grid Reference (i.e. SN 12345 67890) or Latitude and Longitude in decimal degrees to 4 decimal places (i.e. Lat 52.1234 Long -4.1234), defining the extent of the project. Please specify which coordinate system has been used and if using GIS co-ordinates, specify which projection has been used.

Lat Long

53.59343765 -4.800512779
53.59479616 -4.780018963
53.58905583 -4.794781298
53.58317331 -4.80871781
53.57693949 -4.82200097
53.5739512 -4.851506781
53.5800901 -4.900870998
53.57999168 -4.903102338
53.578993 -4.909356719
53.57132607 -4.922166274
53.56293378 -4.931933148
53.55775971 -4.940001583
53.55534413 -4.94481292
53.55501915 -4.945447212
53.55228597 -4.949322429
53.54656772 -4.961995726
53.53941411 -4.976032592
53.53161821 -4.988586077
53.52774624 -4.996506938
53.52687545 -5.00180705
53.52594317 -5.004327947
53.52422902 -5.008969188
53.52341526 -5.011917815
53.51873777 -5.025906151
53.51741146 -5.033596296
53.51545174 -5.045177319
53.51548802 -5.0493573
53.52208348 -5.088507819
53.52741058 -5.110753582

53.54534469 -5.158183206
53.54571515 -5.180376582
53.54690571 -5.197842864
53.54158643 -5.216177636
53.54159046 -5.260613742
53.5428488 -5.283337309
53.55192031 -5.283342744
53.55509832 -5.206994487
53.55544008 -5.189875451
53.55426574 -5.174913
53.55003177 -5.156519618
53.5447693 -5.139678156
53.56799436 -5.076800046
53.58219182 -5.066316487
53.59480623 -5.044279045
53.5962874 -5.040723538
53.59627246 -5.029977739
53.59450788 -5.018438251
53.59265084 -5.00376734
53.59178273 -4.973247575
53.59118167 -4.944071211
53.58996 -4.925112381
53.59197264 -4.870790171
53.59343765 -4.800512779
53.59343765 -4.800512779
53.58671681 -4.884896226
53.58586743 -4.924684594
53.58911355 -5.005624677
53.59229436 -5.031298109
53.59128093 -5.039605785
53.57950652 -5.059901088
53.56532521 -5.070522848
53.54048006 -5.130662547
53.53142727 -5.107301684
53.52697903 -5.088748743
53.52556091 -5.0803657
53.5248979 -5.075580698
53.5223638 -5.061486789
53.51996406 -5.047325656
53.52225945 -5.034522528
53.52325742 -5.02870168
53.52851507 -5.020307342
53.53017066 -5.014365649
53.53386065 -5.001819712
53.53657854 -4.996273649
53.55721041 -4.957158491
53.55981512 -4.953458604
53.56264883 -4.947835953
53.5671687 -4.940779641
53.57871361 -4.927335426
53.58383218 -4.911448252
53.58442525 -4.892242483
53.58301872 -4.865605584
53.58222883 -4.851642002
53.58357405 -4.840203933
53.58361347 -4.839979032
53.58817436 -4.832169319
53.58671681 -4.884896226
53.29912177 -3.581751346
53.29613042 -3.579490121
53.2951909 -3.584128514
53.29763645 -3.585857382
53.29857653 -3.588451066
53.30380282 -3.612728575
53.30800298 -3.619257198
53.31982286 -3.634800838
53.34731113 -3.662969607
53.36587943 -3.701264869

53.38090281 -3.706908815
53.39170134 -3.710997501
53.3961864 -3.717087929
53.39618586 -3.717178155
53.40411726 -3.727073788
53.40663914 -3.735074477
53.40738937 -3.738772985
53.41844411 -3.792336618
53.44184632 -3.91037011
53.46209028 -3.995937735
53.47734682 -4.056417242
53.50751723 -4.153356631
53.53908986 -4.247986517
53.55366387 -4.29010974
53.5542738 -4.299367035
53.56667885 -4.339310439
53.57496109 -4.39334059
53.57780445 -4.437176974
53.58074527 -4.550796748
53.5795469 -4.69732288
53.58451815 -4.788032214
53.57707541 -4.814242739
53.57693949 -4.82200097
53.58321062 -4.808628759
53.58905583 -4.794781298
53.59479616 -4.780018963
53.59432734 -4.747797216
53.59066697 -4.708073453
53.59066783 -4.708013049
53.59100169 -4.552230005
53.59099663 -4.551927628
53.59099663 -4.551927628
53.58959868 -4.467522962
53.58959868 -4.467522962
53.58297351 -4.397713063
53.58287256 -4.397120584
53.58287256 -4.397120584
53.5729996 -4.335175715
53.56017608 -4.293901236
53.56017608 -4.293901236
53.56003703 -4.293459149
53.56001024 -4.293443234
53.54298515 -4.244252673
53.51147108 -4.149769264
53.48141132 -4.053202881
53.46624904 -3.993082488
53.4460728 -3.907795383
53.42270295 -3.789917728
53.41163827 -3.736334152
53.41077444 -3.73209177
53.40761742 -3.722063902
53.40058677 -3.713296441
53.40055063 -3.713325918
53.39372007 -3.704053368
53.38188978 -3.699588502
53.3683909 -3.694512833
53.35030926 -3.657232274
53.32239041 -3.62863851
53.30617666 -3.607314856
53.30322557 -3.593557129
53.30183872 -3.586800243
53.29912177 -3.581751346

UTM 30N WGS84

Method statement

Are the works within a sensitive area or one of the following activities: boreholes, replacement piles or beach management?

Yes

Band 1 method statement template

You can upload your method statement here or fill in the questions below.

- File: SOBR2 Works Methodology Statement & Correspondance.pdf - [Download](#)
- File: SOBR2 Survey Area.jpeg - [Download](#)
- File: P11892 - SOBR 2 HRA Assessment - Final.pdf - [Download](#)

Please provide a brief summary of the application including location of the works (coordinates - lat/long, decimal degrees). For activities that cover a large area please provide coordinates of the approximate extent of works.

See attached

Scope of works

Please provide a full description of all proposed works including: Sequence of works (mobilisation, marine works, site remediation (if required)) Estimated timing of works (duration, working hours, day/night, plus contingency) Plant, machinery or vessel required Estimated quantities (removals, deposits, construction materials)

See attached

Access and working areas

Please provide details of access to the site and working areas. This should include: Attached map of the access/egress route and working areas (annotated aerial image and/or OS map) Predicted plant/vehicle movements Storage areas for plant, equipment and materials (if required) Risks to navigation

See attached

Environmental mitigation

Please list appropriate mitigation measures to minimise impacts on the marine environment these may include: Pollution prevention and control procedure (guidance available on the NetRegs website) Spill response kits Minimise plant traffic Designated access and egress routes Storage of materials (fuel, chemicals, construction waste) Biosecurity (guidance available at <http://www.snh.gov.uk/docs/A1294630.pdf>)

Note: To assist you, the following mitigation statements will be used as conditions within the licence. By signing this method statement you will be agreeing to adhere to these restrictions. If you are unable to do this, the application will not qualify as Band 1. All equipment, temporary structures, access tracks, waste and/or debris associated with the works will be removed on completion of the works. Bunding, storage facilities and spill kits will be employed to contain and prevent the release of fuel, oils and chemicals associated with the plant, refuelling and construction equipment into the marine environment. Plant, vehicles and machinery will not be refuelled on the foreshore. Coatings and treatments will be suitable for use in the marine environment and are used in accordance with best environmental practice. All equipment, materials, machinery and PPE used will be in a clean condition prior to their arrival on site, and upon removal from site, to minimise risk of introducing non-native species into the marine environment. In the event of removal of any sensitive species or habitat designated by NRW under Schedule 7 of the Environment (Wales) Act 2016, no further removals will occur at that location or within 20m of that location.

Please list your bespoke mitigations here:

See attached

Additional information

Please list any additional information that may help with the application:
Consents/permissions required List of plans or drawings attached to method statement
Emergency procedures Contact details

See attached

Materials of the project

Description of materials to be deposited seaward of Mean High Water Springs (MHWS)
(Please tick all that apply)

Other (please provide a description of materials):
No materials will be deposited

Delivery method of materials to site

If sea delivery, details of vessels to be used with a chart of proposed route and transshipment area is required. If delivery is by vehicle, the details about the proposed access route are required. Please indicate if you are providing details in a separate file.

N/A

Will the works involve removals seaward of MHWS?

Yes

Description of materials to be removed seaward of MHWS (Please tick all that apply)

Other

Description of objects/materials to be removed seaward of MHWS, including quantities to be removed.

A variety of seabed samples will be taken:

- 24-32 Grab samples with an approximate 0.1m² sample area (2 per location) - total volume = 0.320m³; and
- 10-14 Vibrocore/gravity core (120mm diameter) to 3m depth (<3m core of material per sample) - total volume = 0.560m³.

Additional information

Please provide the following:

You must include a suitably scaled extract of an Ordnance Survey Map or Admiralty Chart with location of project complete with north arrow and scale

If applicable, any construction plans and sectional drawings showing those proposed works below/seaward of MHWS, which should give details of the materials to be used (for beach replenishment the quantity, particle size and source of material to be deposited and deposit location is also required)

You must include details of correspondence with MCA, Trinity House and The Crown Estate

Please upload these below

- File: Admiralty Map SOBR2.png - [Download](#)
- File: MCA SOBR2 Correspondance Redacted.pdf - [Download](#)
- File: RCAHWW Correspondence Redacted.pdf - [Download](#)
- File: TH SOBR2 Correspondance Redacted.pdf - [Download](#)

Please list below all supporting documents that have been submitted with this application.

Correspondence with Trinity House, MCA and RCAHWW
Method statement
Maps showing route
HRA RIAA Document

Statutory powers

Does the applicant have statutory powers to consent any aspect of the project? e.g. coast protection authority, dredging powers, statutory undertakers

No

Public register

Is there any information contained within or provided in support of this application that you consider should NOT be included on the Public Register on the grounds that its disclosure:

	Yes	No
Would be contrary to the interest of National Security?		X
Would prejudice to an unreasonable degree you, or some other person's commercial interest or those of a third party?		X

Application fee

Please provide the method of payment

BACS

Reference number (not BACS remittance no.)
PRCAPPAPEML002

Declaration

I declare that to the best of my knowledge and belief that the information given in this application form and supporting documentation is true.

WARNING: It is an offence under the Marine and Coastal Access Act 2009, under which this application is made, to fail to disclose information or to provide false or misleading information. This could invalidate any licence granted.

Name Rory Ryan
Date 22/06/2023
Position in company Project Engineer

If you would like a copy of your completed form, please add your preferred email address below:

l.bridges@apemltd.co.uk