

From: [Breaden, Annie](#)
To: [Mcdowell R \(Rhianna\)](#)
Cc: [Queiros J \(Joao\)](#); [Bain N \(Nicola\) \(MARLAB\)](#); [May R \(Roger\)\(MARLAB\)](#); [Smith L \(Lauren\)](#)
Subject: RE: MeyGen Tidal Array - consultation on report submitted by the company regarding location of infrastructure
Date: 15 June 2017 09:37:14

Rhianna,

Thank you for consulting us.

The location of the infrastructure is within the area covered by Maygen's Agreement for Lease with us and so from a seabed rights perspective, we do not have any concerns.

We do not have any further comments.

Regards,

Annie

From: Rhianna.Mcdowell@gov.scot [mailto:Rhianna.Mcdowell@gov.scot]
Sent: Wednesday, June 14, 2017 10:38 AM
To: Breaden, Annie <annie.breaden@crownestatescotland.com>
Cc: Joao.Queiros@gov.scot; Nicola.Bain@gov.scot; Roger.May@gov.scot; Lauren.Smith@gov.scot
Subject: MeyGen Tidal Array - consultation on report submitted by the company regarding location of infrastructure

Dear Annie,

I am following up on the below consultation and would like to know if The Crown Estate will be providing any comments. If you could let me know at your earliest convenience it would be greatly appreciated.

If you have any questions please do not hesitate to contact me.

Kind regards,

Rhianna McDowell
Marine Renewables Casework Officer
Marine Scotland - Marine Planning & Policy

Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

Direct Line: +44 (0)1224 295 335
Fax: +44 (0)1224 295 524
Email: rhianna.mcdowell@gov.scot
Website: <http://www.gov.scot/Topics/marine/Licensing/marine>

From: MS Marine Renewables

Sent: 26 May 2017 14:45

To: marineenergy@snh.gov.uk; navigationsafety@mcga.gov.uk; navigation@nlb.org.uk; ePlanning@highland.gov.uk; planning.dingwall@sepa.org.uk; annie.breaden@thescotlandportfolio.co.uk

Cc: erica.knott@snh.gov.uk; nick.salter@mcga.gov.uk; archie@nlb.org.uk; David.Mudie@highland.gov.uk; Bain N (Nicola) (MARLAB); May R (Roger)(MARLAB); Humphries S (Sophie); Mcdowell R (Rhianna)

Subject: MeyGen Tidal Array - consultation on report submitted by the company regarding location of infrastructure

Dear Sir/Madam,

Marine Scotland – Licensing Operations Team (MS LOT) has been made aware that components of MeyGen’s tidal array infrastructure have been deployed outwith the area licenced for this project. MeyGen have produced a report that details the exact location of these components and evaluates the potential impacts arising from this situation (document attached). Prior to MS-LOT reaching a decision, we are seeking your opinion and advice regarding the submitted documentation. In particular whether the deployment outside the licensed area is likely to have environmental or navigational impacts which are additional to those already assessed in the Environmental Statement for this development.

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We would be grateful for your comments and advice before 9th of June. We apologise for the short deadline but, as you surely recognise, the matter in question is of paramount importance.

Please contact Roger May, Nicola Bain or myself if you have any queries regarding the above.

Yours faithfully,

Joao Queiros

Marine Renewables Casework Manager

[marinescotland](http://marinescotland.gov.scot)

Marine Scotland Licensing Operations Team

Scottish Government

Marine Laboratory, 375 Victoria Road, Aberdeen, AB11 9DB

Phone: +44 (0)1224 295 513 | S/B: +44 (0)1224 876 544

Joao.Queiros@gov.scot / MS.MarineRenewables@gov.scot

<http://www.gov.scot/Topics/marine/Licensing/marine>

From: [Nick Salter](#)
To: [MS Marine Renewables](#); navigation@nlb.org.uk; annie.breaden@thescotlandportfolio.co.uk
Cc: [Bain N. \(Nicola\) \(MARLAB\)](#); [May R. \(Roger\)\(MARLAB\)](#); [Humphries S. \(Sophie\)](#); [Mcdowell R. \(Rhianna\)](#)
Subject: RE: MeyGen Tidal Array - consultation on report submitted by the company regarding location of infrastructure
Date: 12 June 2017 11:14:48
Attachments: [image001.png](#)

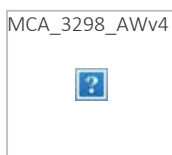
Dear Joao,

I don't think this creates any major concerns for us and I would only ask that the information is cascaded to local users via their NtM.

Regards,

Nick

Nick Salter
Offshore Renewables Advisor
Navigation Safety Branch | Maritime and Coastguard Agency
Spring Place | 105 Commercial Road | Southampton | SO15 1EG
Tel: 020 3817 2433 | [REDACTED] | Email: nick.salter@mcca.gov.uk



Safer Lives, Safer Ships, Cleaner Seas

From: MS.MarineRenewables@gov.scot [mailto:MS.MarineRenewables@gov.scot]
Sent: 26 May 2017 14:45
To: marineenergy@snh.gov.uk; navigationsafety@mcca.gov.uk; navigation@nlb.org.uk; ePlanning@highland.gov.uk; planning.dingwall@sepa.org.uk; annie.breaden@thescotlandportfolio.co.uk
Cc: erica.knott@snh.gov.uk; Nick Salter <Nick.Salter@mcca.gov.uk>; archiej@nlb.org.uk; David.Mudie@highland.gov.uk; Nicola.Bain@gov.scot; Roger.May@gov.scot; Sophie.Humphries@gov.scot; Rhianna.Mcdowell@gov.scot
Subject: MeyGen Tidal Array - consultation on report submitted by the company regarding location of infrastructure

Dear Sir/Madam,

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We would be grateful for your comments and advice before 9th of June. We apologise for the short deadline but, as you surely recognise, the matter in question is of paramount importance.

Please contact Roger May, Nicola Bain or myself if you have any queries regarding the above.

Yours faithfully,

Joao Queiros

Marine Renewables Casework Manager

[marinescotland](http://marinescotland.gov.scot)

Marine Scotland Licensing Operations Team

Scottish Government

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<http://www.gov.scot/Topics/marine/Licensing/marine>

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Tha am post-d seo (agus faidhle neo ceanglan còmhla ris) dhan neach neo luchd-ainmichte a-mhàin. Chan eil e ceadaichte a chleachdadh ann an dòigh sam bith, a' toirt a-steach còraichean, foillseachadh neo sgaoileadh, gun chead. Ma 's e is gun d'fhuair sibh seo le gun fhiosd', bu choir cur às dhan phost-d agus lethbhreac sam bith air an t-siostam agaibh, leig fios chun neach a sgaoil am post-d gun dàil.

Northern Lighthouse Board

Your Ref: email MeyGen Tidal Array –
consultation on location of infrastructure
Our Ref: SD/OPS/ML/O8-04-231

84 George Street
Edinburgh EH2 3DA
Switchboard: 0131 473 3100
Fax: 0131 220 2093
Website: www.nlb.org.uk
Email: enquiries@nlb.org.uk



Joao Queiros
Marine Renewables Casework Manager
Marine Scotland Licensing Operations Team
Scottish Government
Marine Laboratory
375 Victoria Road
Aberdeen
AB11 9DB

06 June 2017

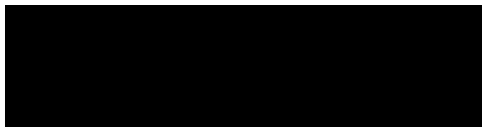
Dear Joao

Thank you for your correspondence dated 26 May 2017 regarding the **MeyGen Phase 1a as built report for Marine Scotland & Statutory Consultees**.

After reviewing the report Northern Lighthouse Board (NLB) have no concerns regarding the as built installation information, i.e. the placement of the infrastructure outwith the licensed area. We note that the original navigational safety recommendations supplied by NLB have been considered and are being met, in particular that the UK Hydrographic Office has been informed of the actual device locations and minimum clearance depths.

If any further information is required please do not hesitate to contact us.

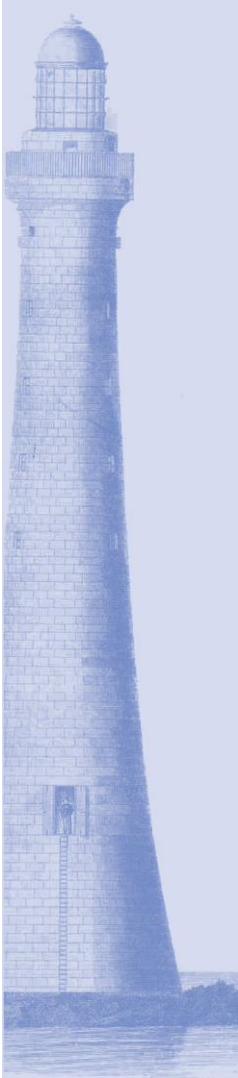
Yours sincerely



Peter Douglas
Navigation Manager

For the safety of all

Certified to: ISO 9001:2000 · The International Safety Management Code (ISM) · OHSAS 18001



From: [Emma Forbes](#)
To: [Mcdowell R \(Rhianna\)](#)
Subject: RE: MeyGen Tidal Array - consultation on report submitted by the company regarding location of infrastructure
Date: 16 June 2017 11:42:25

Hi

From what I can gather the issue relates to components of the tidal array which are below Mean Low Water Springs and do not affect any of the development that is covered by the terrestrial planning system.

This being the case we have no comments and are content to defer to MS-LOT on this matter.

Regards
Emma

From: Rhianna.Mcdowell@gov.scot [mailto:Rhianna.Mcdowell@gov.scot]
Sent: 14 June 2017 10:36
To: Emma Forbes
Cc: Joao.Queiros@gov.scot; Nicola.Bain@gov.scot; Roger.May@gov.scot; Lauren.Smith@gov.scot
Subject: GSX: MeyGen Tidal Array - consultation on report submitted by the company regarding location of infrastructure

Dear Emma,

I am following up on the below consultation and would like to know if The Highland Council will be providing any comments. If you could let me know at your earliest convenience it would be greatly appreciated.

If you have any questions please do not hesitate to contact me.

Kind regards,

Rhianna McDowell
Marine Renewables Casework Officer
Marine Scotland - Marine Planning & Policy

Scottish Government | Marine Laboratory | 375 Victoria Road | Aberdeen | AB11 9DB

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Fax: +44 (0)1224 295 524
Email: rhianna.mcdowell@gov.scot
Website: <http://www.gov.scot/Topics/marine/Licensing/marine>

From: MS Marine Renewables
Sent: 26 May 2017 14:45
To: marineenergy@snh.gov.uk; navigationsafety@mcga.gov.uk; navigation@nlb.org.uk; ePlanning@highland.gov.uk; planning.dingwall@sepa.org.uk; annie.breaden@thescotlandportfolio.co.uk
Cc: erica.knott@snh.gov.uk; nick.salter@mcga.gov.uk; archiej@nlb.org.uk; David.Mudie@highland.gov.uk; Bain N (Nicola) (MARLAB); May R (Roger)(MARLAB); Humphries S (Sophie); Mcdowell R (Rhianna)
Subject: MeyGen Tidal Array - consultation on report submitted by the company regarding location of infrastructure

Dear Sir/Madam,

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We would be grateful for your comments and advice before 9th of June. We apologise for the short deadline but, as you surely recognise, the matter in question is of paramount importance.

Please contact Roger May, Nicola Bain or myself if you have any queries regarding the above.

Yours faithfully,

Joao Queiros

Marine Renewables Casework Manager

[marinescotland](http://marinescotland.gov.scot)

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From: [Planning Dingwall](#)
To: [MS Marine Renewables](#); marineenergy@snh.gov.uk; navigationsafety@mcga.gov.uk; navigation@nlb.org.uk; ePlanning@highland.gov.uk; annie.breaden@thescotlandportfolio.co.uk
Cc: erica.knott@snh.gov.uk; nick.salter@mcga.gov.uk; archie@nlb.org.uk; David.Mudie@highland.gov.uk; [Bain N \(Nicola\) \(MARLAB\)](mailto:Bain.N(Nicola)(MARLAB)); [May R \(Roger\) \(MARLAB\)](mailto:May.R(Roger)(MARLAB)); [Humphries S \(Sophie\)](mailto:Humphries.S(Sophie)); [Mcdowell R \(Rhianna\)](mailto:Mcdowell.R(Rhianna))
Subject: RE: MeyGen Tidal Array - consultation on report submitted by the company regarding location of infrastructure - SEPA Response PCS/153221
Date: 31 May 2017 13:50:45

Thank you Joao.

We do not consider that the deployment outside the licensed area is likely to have greater environmental impacts on matters within our remit than those already assessed in the Environmental Statement. However should it be determined that the infrastructure needs to be relocated to within the licensed area, we consider this may result in greater environmental impact in terms of sediment disturbance and other related issues.

We hope this is of assistance but please do not hesitate to contact us should you have any queries.

Kind regards

Cerian

Cerian Baldwin
Senior Planning Officer
Planning Service, SEPA, Graesser House, Dingwall Business Park, Dingwall IV15 9XB
Direct Line: 01349 860415 Email: cerian.baldwin@sepa.org.uk

Cerian Baldwin
Àrd-Oifigear Dealbhaidh
Seirbheis an Dealbhachaidh, BDAA, Taigh Graesser, Pàirc Gnothachais Inbhir Pheofharain, Inbhir Pheofharain, IV15 9XB.
Fòn: 01349 860415 Post-dealain: cerian.baldwin@sepa.org.uk

Please note that I normally only work Tuesdays, Wednesdays and Thursdays.

For our planning guidance, please visit www.sepa.org.uk/environment/land/planning

From: MS.MarineRenewables@gov.scot [mailto:MS.MarineRenewables@gov.scot]
Sent: 26 May 2017 14:45
To: marineenergy@snh.gov.uk; navigationsafety@mcga.gov.uk; navigation@nlb.org.uk; ePlanning@highland.gov.uk; Planning Dingwall; annie.breaden@thescotlandportfolio.co.uk
Cc: erica.knott@snh.gov.uk; nick.salter@mcga.gov.uk; archie@nlb.org.uk; David.Mudie@highland.gov.uk; Nicola.Bain@gov.scot; Roger.May@gov.scot; Sophie.Humphries@gov.scot; Rhianna.Mcdowell@gov.scot
Subject: MeyGen Tidal Array - consultation on report submitted by the company regarding location of infrastructure

Dear Sir/Madam,

Marine Scotland – Licensing Operations Team (MS LOT) has been made aware that components of MeyGen’s tidal array infrastructure have been deployed outwith the area licenced for this project. MeyGen have produced a report that details the exact location of these components

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We would be grateful for your comments and advice before 9th of June. We apologise for the short deadline but, as you surely recognise, the matter in question is of paramount importance.

Please contact Roger May, Nicola Bain or myself if you have any queries regarding the above.

Yours faithfully,

Joao Queiros

Marine Renewables Casework Manager

[marinescotland](#)

Marine Scotland Licensing Operations Team

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Joao.Queiros@gov.scot / MS.MarineRenewables@gov.scot

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From: [Chris Eastham](#)
To: [MS Marine Renewables](#)
Cc: [Queiros J \(Joao\)](#); [May R \(Roger\)\(MARLAB\)](#); [Bain N \(Nicola\) \(MARLAB\)](#); [George Lees](#)
Subject: RE: MeyGen Tidal Array - consultation on report submitted by the company regarding location of infrastructure
Date: 07 June 2017 11:07:14

Dear Joao,

Many thanks for the consultation below. We have reviewed the MeyGen report regarding the location of infrastructure and provide the following advice:

1. The report provides details of the Phase 1a infrastructure deployed outwith the consented boundary. In summary, this relates to tidal support structure #1 (TSS#1) and TSS#2, the associated turbine cable tails and the ends of the turbine submarine cables, and a number of rock bags used for cable stability. Tidal turbine generator #1 (TTG#1) and TTG#2, and their cable tails, have been recovered. TTG#3 and TTG#4, and associated infrastructure, are within the consented boundary. We understand both TTG#3 and TTG#4 have also been recovered, but the reasons for this are not provided in the report.
2. Furthermore, the horizontal directionally drilled (cable) bores do not align with the Designated Area for the cable route specified in The Crown Estate (TCE) Lease. MeyGen are currently discussing this issue with TCE.
3. The report provides details on the contributing factors to the deployment of infrastructure outwith the consented boundary, lessons learned and, the process improvements to be implemented. These improvements are important, especially in terms of compliance with consent conditions.
4. In terms of environmental impacts, we agree with the report that there will be no additional environmental impacts as a result of components of the Phase 1a infrastructure being located to the west of the consented boundary. Harbour seal is the key species to consider for impact assessment. Harbour seal density, an important parameter used in collision risk assessment, can vary considerably depending on the area considered. However, the location of infrastructure outwith the consented boundary is unlikely to change the site specific density estimates in Band *et al.* (2016) (see our response dated the 19th May 2017) as these cover a larger area (i.e. the Phase 1a area and a 250m buffer, and the consented area and a 500m buffer). We advise, therefore, that the risk to the harbour seal population is no greater than if the infrastructure was within the consented boundary.
5. The report discusses the option for relocation of the infrastructure within the consented boundary. However, from an environmental perspective there is likely to be less impact by not relocating the turbines (i.e. in terms of seabed disturbance). Furthermore, the monitoring equipment as detailed in the PEMP is largely associated with TTG#4 which is within the consented boundary (although currently recovered).

We hope these comments are helpful. Please contact me if you have any queries.

Kind regards

Chris

From: MS.MarineRenewables@gov.scot [mailto:MS.MarineRenewables@gov.scot]

Sent: 26 May 2017 14:45

To: MARINEENERGY; navigationsafety@mcga.gov.uk; navigation@nlb.org.uk; ePlanning@highland.gov.uk; planning.dingwall@sepa.org.uk; annie.breaden@thescotlandportfolio.co.uk

Cc: Erica Knott; nick.salter@mcga.gov.uk; archiej@nlb.org.uk; David.Mudie@highland.gov.uk; Nicola.Bain@gov.scot; Roger.May@gov.scot; Sophie.Humphries@gov.scot; Rhiana.Mcdowell@gov.scot

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Please contact Roger May, Nicola Bain or myself if you have any queries regarding the above.

Yours faithfully,

Joao Queiros

Marine Renewables Casework Manager

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