

Queiros J (Joao)

From: Steven Driver <StevenD@nlb.org.uk>
Sent: 30 June 2014 10:06
To: Ford A (Alexander)
Subject: RE: 002/TIDE/SPR - 2: MS LOT to Consultees: ScottishPower Renewables: Sound of Islay Demonstration Tidal Array: ES Consultation: 26 May 2014
Attachments: O8_07_126.doc

Hi Alexander,

Please find attached Northern Lighthouse Board's response letter to application RE: 002/TIDE/SPR - 2: MS LOT to Consultees: ScottishPower Renewables: Sound of Islay Demonstration Tidal Array: ES Consultation: 26 May 2014.

If any further information is required please get in touch.

Yours

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From: Alexander.Ford@scotland.gsi.gov.uk [mailto:Alexander.Ford@scotland.gsi.gov.uk]
Sent: 26 May 2014 12:24
Subject: 002/TIDE/SPR - 2: MS LOT to Consultees: ScottishPower Renewables: Sound of Islay Demonstration Tidal Array: ES Consultation: 26 May 2014

Dear Sir/Madam,

Please see attached letter announcing the beginning of consultation on the applications from Scottish Power Renewables: Sound of Islay Demonstration Tidal Array. The deadline for any comment you may wish to make is 4th July 2014.

Yours faithfully

Alexander Ford
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Northern Lighthouse Board

CAPTAIN PHILLIP DAY
DIRECTOR OF MARINE OPERATIONS

Your Ref: 002/TIDE/SPR - 2
Our Ref: SD/OPS/ML/O8-07-126

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30 June 2013

Dear Alexander

CONSENT UNDER SECTION 36 OF THE ELECTRICITY ACT 1998 (AS AMENDED), AND A MARINE LICENCE UNDER PART 4 OF THE MARINE (SCOTLAND) ACT 2010 TO CONSTRUCT AND OPERATE A DEMONSTRATION TIDAL ARRAY IN THE SOUND OF ISLAY

Thank you for your correspondence dated 26 May 2013 regarding the application from **ScottishPower Renewables (UK) Ltd** who propose changes from the currently consented project at their tidal array development in the Sound of Islay by:-

1. Installing 10 Andritz Hydro Hammerfest tidal turbine devices on gravity foundations with a change of dimension from 23m to 26m blades reducing the minimum depth of water at lowest astronomical tide (LAT) from 16.5m to 13.6m.
2. Altered device locations, with movement of between 41m and 177m from the consented locations, but still within the original redline of the consented boundary.
3. Inclusion of additional vessel options (tug vessel and barge with a 2 point anchor spread).
4. Increased operational life of the project from 14 years to 25 years; and a revised onshore substation location.

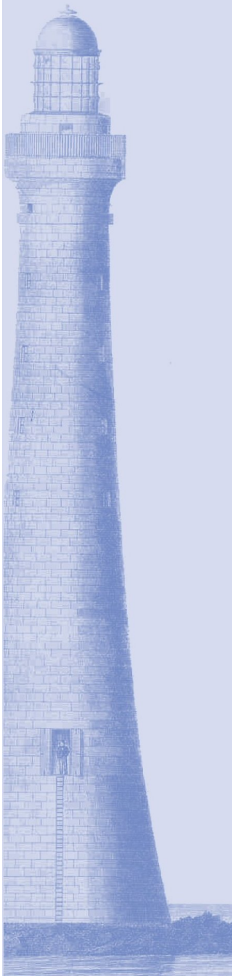
Northern Lighthouse Board has no objection to the proposed changes and recommends the following navigational safety mitigation measures.

The primary means to mitigate interaction between vessels and the 10 proposed Andritz Hydro Hammerfest tidal turbine device(s) and subsea export cable will be by charting the positions and the resultant clearance depth. **Scottish Power Renewables (UK) Ltd** must ensure the minimum clearance of 13.6m below chart datum to the blade tips of the device(s) as per their Navigation Safety Risk Assessment (Revision 3).

Northern Lighthouse Board require that **Scottish Power Renewables (UK) Ltd** contact the UK Hydrographic Office to discuss the measures to be taken to upgrade chart BA2481 with all information to show the sub-surface hazards before installation commences.

For the safety of all

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



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30 June 2014

Marine Scotland – Marine Planning and Policy Division

During the device(s) preparation, towing, installation, operation/maintenance and decommissioning phases we require that adequate notice is given to the mariner, by means of Notices to Mariners and Local Radio Navigation Warnings clearly stating the nature and duration of the works at each phase of the project.

Whilst the device(s) are in its operation/maintenance phase, the condition of the device(s) should be actively monitored, and a contingency plan is in place to respond to any reported failure which could see the device or parts of the device breaking loose and become a buoyant hazard. This should include the prompt transmission of local Radio Navigation Warnings.

If any further information is required please get in contact.

Yours sincerely,

