

I have added comments to the attached spreadsheet in order to clarify the points above, and these details will be further clarified within the MMO report.

We could discuss this on the Monday catch up call, however please do not hesitate to contact me should you have any questions.

Kind regards,
[Redacted]

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[Redacted]

From: [Redacted]
Sent: 28 February 2018 11:57
To: [Redacted]
Subject: EOWDC - Geotechnical Survey - March 2018 - Exemption Request - NLB Response - Acknowledgement of receipt

Hi [Redacted]

Thanks very much, I got the bounce-back from [Redacted] thankfully, but thank you again for the reminder.

Thank you very much for confirming that NLB have no objections to the proposed exemption so promptly. MS-LOT acknowledge receipt.

Kind regards

[Redacted]

From: [Redacted]
Sent: 28 February 2018 11:51
To: [Redacted] MS Marine Renewables
Subject: RE: EOWDC - Geotechnical Survey - March 2018 - Exemption Request - Response required by Friday 2nd March 2018

Good Morning [Redacted]

Thank you for your email below, just to let you all know that [Redacted] has now retired and you may have received a bounce back from his address, please forward any queries to our general inbox, navigation@nlb.org.uk and we'll get back to you.

Please see the attached response from the Northern Lighthouse Board Ref : EOWDC - Geotechnical Survey - March 2018 - Exemption Request.

If any further information is required please get in touch.

Kind Regards

[Redacted]

[Redacted]

[Redacted]

Marine Operations (Navigation)
Northern Lighthouse Board
84 George Street
Edinburgh
EH2 3DA

[Redacted]

General Navigation: navigation@nlb.org.uk

[Redacted]

Tel: Reception 0131 473 3100

[Redacted]

From: [Redacted]

Sent: 27 February 2018 09:59

To: [Redacted] navigationsafety@mca.gov.uk; navigation; MARINEENERGY@snh.gov.uk

Cc: [Redacted]

Subject: EOWDC - Geotechnical Survey - March 2018 - Exemption Request - Response required by Friday 2nd March 2018

Dear all

Aberdeen Offshore Wind Farm Limited ("AOWFL") have submitted the attached "Notice of Intention to Carry Out An Exempted Activity" for geotechnical surveys at the EOWDC site under Part 3, Article 18B of the Marine Licensing (Exempted Activities) (Scottish Inshore Region) Order 2011 (as amended).

The works are expected to take place during March 2018 and will consist of the following;

- �. Cone penetration tests on the seabed – approx. 40 tests within the area, no deeper than 3 m into the seabed, no sediment to be removed
- �. Vibrocore (and possibly rockdrill) samples taken from the seabed – approx. 20 tests within the area, no deeper than 3 m into the seabed, with small amounts of sediment to be removed (less than 1 cubic meter total from all tests).

AOWFL have confirmed that Notices to Mariners will be issued and a notice placed in the Kingfisher Fortnightly Bulletin as per the attached Notice.

I would be grateful if you could please return with any comments on this exemption request by **Friday 2nd March 2018**

If you have any queries please do not hesitate to contact MS-LOT. Please let me know if you require any further information in order to consider this request (i.e. method statement).

Marine Scotland's guidance on exemptions for sediment sampling and scientific instrument deployment can be downloaded from: <http://www.gov.scot/Topics/marine/Licensing/marine/Applications/sedimentampling>

Kind regards

[Redacted]

[Redacted]

[Redacted]

marinescotland

Marine Scotland Licensing Operations Team

Scottish Government

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

[Redacted]

[Redacted] / MS.MarineRenewables@gov.scot

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

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[Redacted]

From: [Redacted]
Sent: 28 February 2018 14:24
To: [Redacted]
Cc: [Redacted]
Subject: RE: EOWDC - Cardinal Buoy Redeployment & Removal of Floating LiDAR

Hi [Redacted]

Just to let you know that the south cardinal buoy is already on board the vessel and as soon as there is a weather window it will be redeployed. I will keep you up to date.

Regards,
[Redacted]

From: [Redacted]
Sent: Thursday, February 22, 2018 3:21 PM
To: [Redacted]
Cc: [Redacted] [Redacted]
Subject: EOWDC - Cardinal Buoy Redeployment & Removal of Floating LiDAR

Hi [Redacted]

Do you have a clearer idea of when the cardinal buoy will be redeployed and when the floating LiDAR device will be removed?

Many thanks

[Redacted]

[Redacted]
[Redacted]

marinescotland

Marine Scotland Licensing Operations Team

Scottish Government

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

[Redacted]

[Redacted] / MS.MarineRenewables@gov.scot

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

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[Redacted]

From: [Redacted]
Sent: 28 February 2018 11:51
To: [Redacted] [Redacted]
Subject: RE: EOWDC - Geotechnical Survey - March 2018 - Exemption Request - Response required by Friday 2nd March 2018
Attachments: O6_03_483.doc

Good Morning [Redacted]

Thank you for your email below, just to let you all know that [Redacted] has now retired and you may have received a bounce back from his address, please forward any queries to our general inbox, navigation@nlb.org.uk and we'll get back to you.

Please see the attached response from the Northern Lighthouse Board Ref : EOWDC - Geotechnical Survey - March 2018 - Exemption Request.

If any further information is required please get in touch.

Kind Regards

[Redacted]

[Redacted]
[Redacted]
Marine Operations (Navigation)
Northern Lighthouse Board
84 George Street
Edinburgh
EH2 3DA

[Redacted]
General Navigation: navigation@nlb.org.uk
[Redacted]
Tel: Reception 0131 473 3100
[Redacted]

From: [Redacted]
Sent: 27 February 2018 09:59
To: [Redacted] ; navigationsafety@mcga.gov.uk; [navigation](mailto:navigation@nlb.org.uk); MARINEENERGY@snh.gov.uk
Cc: [Redacted] ; [Redacted]
Subject: EOWDC - Geotechnical Survey - March 2018 - Exemption Request - Response required by Friday 2nd March 2018

Dear all

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I would be grateful if you could please return with any comments on this exemption request by **Friday 2nd March 2018**

If you have any queries please do not hesitate to contact MS-LOT. Please let me know if you require any further information in order to consider this request (i.e. method statement).

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Kind regards

[Redacted]

[Redacted]

[Redacted]

marinescotland

Marine Scotland Licensing Operations Team

Scottish Government

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

[Redacted]

[Redacted] / MS.MarineRenewables@gov.scot

<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 ceadachd 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 gun fhiosd', bu choir cur às dhan phost-d agus lethbhreac sam bith air an t-siostam agaibh agus fios a leigeil chun neach a sgaoil am post-d gun dàil. Dh'fhaodadh gum bi teachdaireachd sam bith bho Riaghaltas na h-Alba air a chlàradh neo air a sgrùdadh airson dearbhadh gu bheil an siostam ag obair gu h-èifeachdach neo airson adhbhar laghail eile. Dh'fhaodadh nach eil beachdan anns a' phost-d seo co-ionann ri beachdan Riaghaltas na h-Alba.

Northern Lighthouse Board

Your Ref: Email from [Redacted]
Our Ref: GB/OPS/ML/O6_03_483

MSLOT

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



[Redacted]
[Redacted]
Marine Scotland – Marine Planning & Policy
Scottish Government
Marine Laboratory
375 Victoria Road
ABERDEEN
AB11 9DB

28 February 2018

Dear [Redacted]

THE MARINE LICENSING (EXEMPTED ACTIVITIES) (SCOTTISH INSHORE REGION) ORDER 2011 (AS AMENDMENT) – ABERDEEN OFFSHORE WIND FARM LIMITED – GEOTECHNICAL CORE SAMPLING – NEAR SHORE CABLE ROUTE AREA, BLACKDOG BAY, ABERDEENSHIRE

Thank you for your email correspondence dated 27 February 2018 regarding the proposal by **Aberdeen Offshore Wind Farm Limited** to undertake geotechnical core sampling of up to sixty cores within Blackdog Bay, Aberdeenshire.

Northern Lighthouse Board has no objections to the proposed geotechnical core sampling.

However we would advise that **Aberdeen Offshore Wind Farm Limited** issue Marine Safety Information as necessary for the duration of the proposed works.

Yours sincerely
[Redacted]

[Redacted]
[Redacted]



For the safety of

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

[Redacted]

From: [Redacted]
Sent: 28 February 2018 08:31
To: [Redacted]
Cc: [Redacted]
Subject: EOWDC - Marine Licence 04309/18/1 - Varied Licence Issued
Attachments: Marine Licence 04309_18_1_Variation.pdf

Dear [Redacted]

Please find attached the updated Marine Licence (04309/18/1) including details of the vessels notified to MS-LOT on 27th and 26th February 2018. Please note, this licence supersedes the previous version of this licence (04309/18/0) issued on 31st January 2018 and should be issued to all vessels, contractors and sub-contractors engaged in the Works as per Condition 3.1.2.

A signed hard copy will follow under separate cover.

Kind regards

[Redacted]

[Redacted]

[Redacted]

marinescotland

Marine Scotland Licensing Operations Team

Scottish Government

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

[Redacted]

[Redacted] / MS.MarineRenewables@gov.scot

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

[Redacted]

From: [Redacted]
Sent: 28 February 2018 16:27
To: [Redacted]
Cc: [Redacted]
Subject: New callsign vessel details of Union Diamond

Hi [Redacted]

For your information, the call sign of the Union Diamond has recently changed to 9HA4788.

I realise the call sign information isn't required to be on the Marine Licence, but I thought you may want to update your records. All other details of the vessel remain the same.

Kind regards,
[Redacted]

[Redacted]
[Redacted]
naturalpower.com
renewable energy consultants

[Redacted]
[Redacted]
[Redacted]

Natural Power Consultants Limited is a registered company
(SC177881) in Scotland. Our Registered Office is
The Greenhouse, Dalry, Castle Douglas, DG7 3XS, UK.
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[Redacted]

From: [Redacted]
Sent: 28 February 2018 17:40
To: (zone3@hmcg.gov.uk); [Redacted] ; office@clyde.org;
ops@mclachlanmarine.com; [Redacted] Aberdeen Harbour Board;
Aberdeen Harbour Board; [Redacted]
Agency.aberdeen@gac.com; [Redacted]
Brown & May Marine Ltd; Brown & May Marine Ltd; Clarksons Port
Services; Clarksons Port Services; [Redacted] ; Dee & Don District
Salmon Fishery Board; DIO Training Scotland Ops Room; [Redacted]
[Redacted] enquiries@fraserburgh-harbour.co.uk; [Redacted]
GAC Agency; [Redacted] [Redacted]
[Redacted] Harbourmaster@fraserburgh-harbour.co.uk; [Redacted]
[Redacted]
[Redacted] [Redacted] Kingfisher Bulletin;
[Redacted] [Redacted] MS Marine Renewables; [Redacted]
[Redacted] MCA; MCA; MCA; [Redacted] [Redacted]
National Maritime Operations Centre; Northern Lighthouse Board;
NoticestoMariners@UKHO.gov.uk; Offshore Energy; [Redacted]
[Redacted] Royal Yachting Association Scotland; SDR@UKHO.gov.
uk (sdr@ukho.gov.uk); Seletar Agency; SFF; The Crown Estate; UK Hydrographic
Office (navwarnings@btconnect.com)
Subject: NTM NO19 GEOTECHNICAL SURVEYS
Attachments: NTM 019 Geotechnical surveys.pdf
Importance: High

Good Evening,

Please see attached Notice To Mariners regarding Geotechnical Surveys.

Kind Regards

[Redacted]
Aberdeen Offshore Wind Farm

[Redacted]
[Redacted]
[Redacted]
[Redacted]
aowf.marinecoordination@vattenfall.com





WINDFARM
 NOTICE NUMBER
 DATE RELEASED

ABERDEEN OFFSHORE WIND FARM
 019 Notice to Mariners
 28.02.2018

TITLE: Geotechnical Surveys
 DATE TO EXPIRE 31/10/2018

019 Geotechnical Surveys

Aberdeen Offshore Wind Farm Ltd. is currently developing the European Offshore Wind Deployment Centre also known as Aberdeen Offshore Wind Farm, which is located approximately 2.4 km offshore in Aberdeen Bay.

Figure 1 shows the Area of operations where the vessel shall be working.

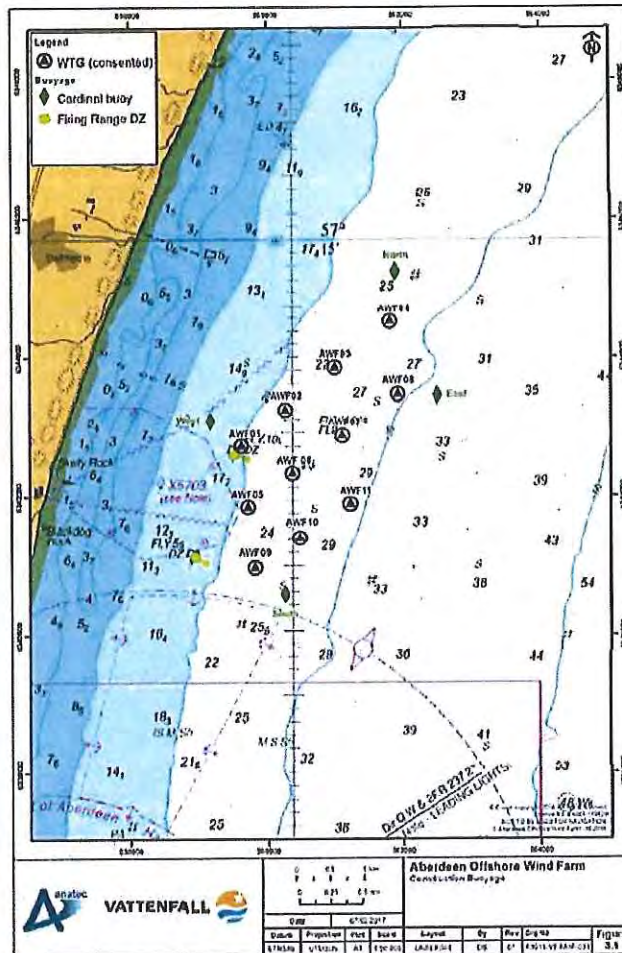


Figure 1 AOWF Site Layout (NOT TO BE USED FOR NAVIGATION)



WINDFARM
NOTICE NUMBER
DATE RELEASED

ABERDEEN OFFSHORE WIND FARM
019 Notice to Mariners
28.02.2018

TITLE: Geotechnical Surveys
DATE TO EXPIRE 31/10/2018

019 Geotechnical Surveys

GEOTECHNICAL SURVEYS

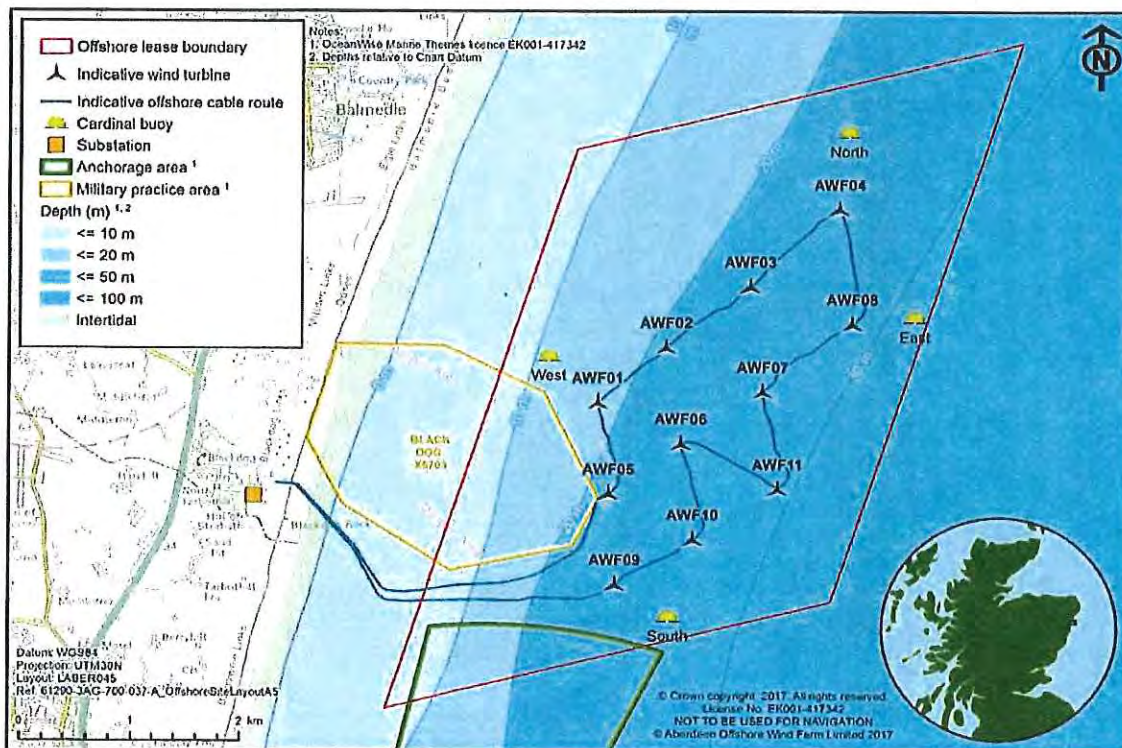
TIMES AND LENGTH OF OPERATION: GEOTECHNICAL SURVEYS SHALL BE CARRIED OUT IN THE MONTH OF MARCH DATE & TIME SHALL BE BASED ON THE WEATHER CONDITIONS.

THIS SHALL BE CONDUCTED BETWEEN THE BEACH AND A LARGE SANDBANK 600M BELOW LOW WATER LINE.

THE OPERATION SHALL CONSIST OF APPROXIMATELY 40 CONE PENETRATION TESTS ON THE SEABED NO DEEPER THAN 3M INTO THE SEABED.

SEDIMENT/SAMPLES SHALL AMOUNT TO NO MORE THAT 1 CUBIC METER PER SAMPLE.

VESSEL UNDERTAKING THESE SURVEYS SHALL BE THE DUTCH POWER.





VATTENFALL



WINDFARM
NOTICE NUMBER
DATE RELEASED

ABERDEEN OFFSHORE WIND FARM
019 Notice to Mariners
28.02.2018

TITLE: Geotechnical Surveys
DATE TO EXPIRE 31/10/2018

019 Geotechnical Surveys

BELOW CO-ORDINATES ARE WHERE SURVEYS ARE TO BE CONTAINED WITHIN BETWEEN THE BEACH AND A LARGE SANDBANK 600M BELOW LOW WATER LINE.

57°12'54.0"N	2°03'18.0"W
57°12'43.2"N	2°03'00.0"W
57°12'39.6"N	2°03'03.6"W
57°12'50.4"N	2°03'18.0"W

[Redacted]

aowf.marinecoordination@vattenfall.com

For further information on the construction of Aberdeen Offshore Wind Farm please visit:
<https://corporate.vattenfall.co.uk/eowdc>

