



Our Ref: ENQ/2015/0964
Your Ref:

Ask for: Clara Thompson
Direct Dial: 01224 664740
Email: clara.thompson@aberdeenshire.gov.uk

Marine Scotland Licensing Operations Team
Ms.marinelicensing@scotland.gsi.gov.uk

22 April 2016

Dear Sir/Madam

**Consultation response from Aberdeenshire Council (Partial Discharge of Conditions): Marine Licence Under Part 4 of the Marine (Scotland) Act 2010 and Under Part 4 of the Marine and Coastal Access Act 2009 to Deposit and Construct the Hywind Scotland Pilot Park
Address: 25km East Of Peterhead Within Buchan Deep**

Thank you for your consultation email dated 30 March 2016.

Aberdeenshire Council Planning Service consider that Marine Scotland is well placed to provide the expertise required to determine if the information submitted sufficiently addresses the requirement of the conditions attached to the Marine License. The Planning Service is currently working closely with the applicant and the appointed contractor in order to address the planning conditions attached to the onshore planning permission which relate to the landfall of cables and associated switchgear building at Peterhead.

For clarity, the Planning Service understands that it is being asked to comment on the scope of the Horizontal Directional Drilling Activities (as set out in document 'Hywind Scotland - Plan for HDD activities 2016') and specifically in relation to the following conditions attached to the Marine License:

- Condition 3.2.1.2 – Environmental Management Plan*
- Condition 3.2.2.4 – Construction Programme*
- Condition 3.2.2.5 – Construction Method Statement*
- Condition 3.2.2.7 – Vessel Management Plan*
- Condition 3.2.2.10 – Cable Plan*



Having considered the information contained within the plan and run this past the relevant internal consultees, the Planning Service is content that the assessments cover our interests with regard the discharge of marine conditions. All issues are summarised below:

Archaeology

Page 13, Section 13 Marine Archaeology, last sentence refers to 'Scottish Heritage' this should in fact refer to 'Historic Environment Scotland'.

Environment

No issues have been identified, however it is noted that the offshore natural heritage issues will be covered by Scottish Natural Heritage and the Joint Nature Conservation Committee.

Landscape and Visual Impact

With regards specifically to the operations to carry out horizontal directional drilling, there will be some short term visual effects associated with the construction stage of this element of the project, and the equipment and vessels etc. used to carry the work out particularly in the shore area location of operations.

With regards to the horizontal directional drilling operation there will also be some direct landscape impact affects particularly at both ends of the drilling operations.

However given the relatively localised nature and scale of these landscape affects, with a reasonable commitment to mitigating measures and post construction site restoration, long term landscape and visual affects should not be notably adverse.

On this basis, with regards to landscape and visual impact issues, and the project horizontal directional drilling plan, the proposals for horizontal directional drilling can be viewed positively in relation to the application for consent to commence construction operations.

Additional Comments

The Planning Service has consulted internally only and we understand that wider consultation with statutory consultees is the responsibility of Marine Scotland at this stage. This response is also distinct from the ongoing dialogue currently taking place between the Planning Service, the applicant



and contractor with regard the terrestrial planning conditions, this will be the responsibility of Aberdeenshire Council. It should be noted that all points highlighted in the letter to Marine Scotland from Aberdeenshire Council dated 29 June 2015 in relation to the granting of the Marine License are still valid.

Overall, Aberdeenshire Council Planning Service is satisfied that our interests with regard the partial discharging of marine conditions has been addressed.

I trust the above is in order but if you have any questions then please do not hesitate to contact me on the above details.

Yours faithfully




Head of Planning and Building Standards

Dinsdale R (Rosanne)

From: Windfarms <Windfarms.Windfarms@caa.co.uk>
Sent: 18 April 2016 16:18
To: MS Marine Renewables
Cc: Dinsdale R (Rosanne)
Subject: 20160418REHywindScotlandPilotParkHDDPlanConsultation

Good afternoon,

Having reviewed the information provided and noting that this consultation “concerns only the Horizontal Directional Drilling (“HDD”) activities of the Hywind Scotland Pilot Park Project”, I can confirm that the CAA have no comments to make concerning this application at this time.

We note the other conditions concerning the lighting and marking plan for the other phases of the development look forward to being contacted by your department regarding them in due course.

Regards,

Mark Deakin

Surveillance Policy
Policy
Civil Aviation Authority



Tel: 020 7453 6534

Follow us on Twitter: @UK_CAA

Please consider the environment. Think before printing this email.

From: Rosanne.Dinsdale@gov.scot [mailto:Rosanne.Dinsdale@gov.scot]

Sent: 30 March 2016 13:48

To: Sarah.Canning@jncc.gov.uk; Karen.Hall@jncc.gov.uk; bu.planapps@aberdeenshire.gov.uk; planning@aberdeenshire.gov.uk; victoria.moore@aberdeenshire.gcsx.gov.uk; marineenergy@snh.gov.uk; Erica.Knott@snh.gov.uk; Mareike.Moeller-Holtkamp@snh.gov.uk; planning.dingwall@sepa.org.uk; renewables@sff.co.uk; Windfarms; navigation@nlb.org.uk; nick.salter@mcga.gov.uk; Paul.Stainer@gov.scot; MS_Renewables@gov.scot; Heritage_Management_HSEXPOT@gov.scot

Cc: Joao.Queiros@gov.scot; Catarina.Aires@gov.scot

Subject: Hywind Scotland Pilot Park HDD Plan Consultation

MARINE (SCOTLAND) ACT 2010

MARINE AND COASTAL ACCESS ACT 2009 (AS AMENDED)

The Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended)

Dear Sir/Madam,

Hywind (Scotland) Limited (“Hywind”), having received consent under the above legislation and in order to discharge conditions of their Marine Licence (Licence Number 05515/15/0), in respect of the Hywind Scotland Pilot Park Project, has submitted to the Licensing Authority the documents attached.

Please find enclosed a proposed ‘Plan for HDD activities’ (“HDD Plan”) post-consent plan and covering letter addressed to MS-LOT from Hywind. The purpose of the HDD Plan is to attempt to satisfy the requirements of:

- Condition 3.2.1.2 – Environmental Management Plan
- Condition 3.2.1.3 – Fisheries Management and Mitigation Strategy
- Condition 3.2.1.7 – Health and Safety Incident
- Condition 3.2.1.10 – Emergency Response and Co-operation Plans
- Condition 3.2.2.4 – Construction Programme
- Condition 3.2.2.5 – Construction Method Statement
- Condition 3.2.2.7 – Vessel Management Plan
- Condition 3.2.2.8 – Navigational Safety Plan
- Condition 3.2.2.10 – Cable Plan
- Condition 3.2.2.15 – Navigation and Aviation Safety and Charting
- Condition 3.2.2.19 – Marine Archaeology Reporting Protocol

of the Marine Licence awarded to Hywind in October 2015, in what concerns only the Horizontal Directional Drilling (“HDD”) activities of the Hywind Scotland Pilot Park Project. As this will be a short activity, making up only a small part of the project, MS LOT has agreed to the submission of a single document amalgamating all the post-consent plans relevant to the HDD activities, with a view to partially discharging the corresponding conditions with respect only to the HDD works.

The Decision Letter and Conditions, as well as other relevant documents, can be found on our website, following the link below:

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

The conditions state that the plan is to be submitted to the Scottish Ministers for their written approval, following a consultation with the appropriate stakeholders as specified in the Licence Conditions and any such other advisors as may be required at the discretion of the Scottish Ministers. I would be grateful if you could please refer to the attached “HDD Plan – Conditions and Consultees” document, where you will be able to find which conditions of the Marine Licence you are requested to comment on, and in which sections of the HDD Plan you can find the corresponding information.

We would appreciate any comments you may have on the attached HDD Plan and its suitability to discharge the conditions in order to determine whether it is fit for purpose for the Scottish Ministers to give it their written approval. Please note that we do not seek comments on the Marine Licence nor on the conditions, which will not be amended.

If you wish to submit any comments, please do so to MS.MarineRenewables@gov.scot before the **27th April 2016**. If you are unable to meet this deadline, please contact us to arrange an extension to the consultation period. If you have no comments to make please submit a “nil return” response.

Yours faithfully,

Rosanne

Rosanne Dinsdale
Marine Renewables Casework Officer
Marine Scotland - Marine Planning & Policy

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

Direct Dial: +44 (0)1224 295 331
General Queries: +44 (0)1224 295 579
Fax: +44 (0)1224 295 524
Email: rosanne.dinsdale@gov.scot
Website: <http://www.gov.scot/Topics/marine/Licensing/marine>



Historic Environment Scotland

Àrainneachd Eachdraidheil Alba

By Email: MS.MarineRenewables@gov.scot

Ms Rosanne Dinsdale
Marine Scotland
Marine Laboratory
375 Victoria Road
ABERDEEN
AB11 9DB

Longmore House
Salisbury Place
Edinburgh
EH9 1SH

Direct Line: 0131 668 8730
Switchboard: 0131 668 8600
victoria.clements@hes.scot

Our ref: AMA/16/31/53
Our Case ID: 201600596

10 May 2016

Dear Ms Dinsdale

Hywind Scotland Pilot Park HDD Plan Consultation

Thank you for your email of 5th May 2016 requesting our comments on the above proposed post-consent plan. The comments in this letter relate to our statutory remit for scheduled monuments and their settings, category A listed buildings and their settings, gardens and designed landscapes appearing in the Inventory, Inventory battlefields and Historic Marine Protected Areas (Marine (Scotland) Act 2010). In this case, our advice also includes matters relating to marine archaeology outwith the scope of the terrestrial planning system.

Background

I understand that the HDD Plan relates only to the Horizontal Directional Drilling (HDD) activities of the project and aims to partially discharge the conditions with respect to the HDD works only. The condition relating to Historic Environment Scotland's remit is Condition 3.2.2.19 – Marine Archaeology Reporting Protocol.

Historic Environment Scotland's Advice

We have reviewed Section 13 of the Hywind Scotland – Plan for HDD Activities 2016 which indicates that the surveys undertaken so far in the area of the borehole exit have not identified any marine archaeological assets of interest. We note that an additional UXO-survey is planned for early Spring 2016 but that no further details of what this survey involves is supplied.

Without further detail of the methodology of the UXO-survey it is not possible for us to determine whether or not this survey will be appropriate to identify potential archaeological assets. This means that we cannot determine whether or not significant impacts will result from the HDD works. As we have not yet received a protocol for archaeological discoveries (PAD) for the project it is also not clear how any unknown archaeological impacts would be recorded and reported.

We would therefore recommend that the methodology (and the results should they be available at this time) of the UXO-survey should be supplied so that an informed decision can be made regarding the potential impacts of this element of the project.

I hope that this letter is helpful, however, should you have any questions please do not hesitate to contact me on the details given above.

Yours sincerely



Victoria Clements

Senior Heritage Management Officer, EIA

Dinsdale R (Rosanne)

From: Clements V (Victoria) <victoria.clements@hes.scot>
Sent: 02 June 2016 16:19
To: Dinsdale R (Rosanne); ovvo@statoil.com
Cc: Queiros J (Joao); Aires C (Catarina); Kidd W (William)
Subject: RE: Hywind Scotland Pilot Park HDD Plan Consultation

Dear Rosanne,

I have now reviewed the further documents sent through for the HDD element of the Hywind Scotland Pilot Park with my colleague with marine casework expertise. I can confirm that we are satisfied that it is unlikely that there will be significant impacts to the historic environment from this element of the development and we have no further comments to make on this element of the works.

As noted in our response letter we look forward to receiving the PAD and any other relevant information for the remaining works for review prior to the remaining work starting.

Kind regards,

Victoria

Victoria Clements | Senior Heritage Management Officer | Strategic Heritage Management

Historic Environment Scotland | Àrainneachd Eachdraidheil Alba
Longmore House, Salisbury Place, Edinburgh, EH9 1SH
T: 0131 668 8730
M: [REDACTED]
E: victoria.clements@hes.scot

www.historicenvironment.scot

*Historic Environment Scotland - Scottish Charity No. SC045925
Registered Address: Longmore House, Salisbury Place, Edinburgh, EH9 1SH*



This e-mail does not form part of any contract unless specifically stated and is solely for the intended recipient. Please inform the sender if received in error.

From: Rosanne.Dinsdale@gov.scot [mailto:Rosanne.Dinsdale@gov.scot]
Sent: 01 June 2016 15:45
To: Clements V (Victoria)
Cc: Joao.Queiros@gov.scot; Catarina.Aires@gov.scot; Kidd W (William)
Subject: RE: Hywind Scotland Pilot Park HDD Plan Consultation

Dear Victoria,

I am contacting you to follow up on the email below from Statoil regarding your consultation response on the HDD plans for Hywind Scotland Pilot Park. Could you please confirm whether this is sufficient information to answer your queries or if you have any further comments to make?

Kind regards,

Rosanne

Rosanne Dinsdale
Marine Renewables Casework Officer
Marine Scotland - Marine Planning & Policy

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

Direct Dial: +44 (0)1224 295 331
General Queries: +44 (0)1224 295 579
Fax: +44 (0)1224 295 524
Email: rosanne.dinsdale@gov.scot
Website: <http://www.gov.scot/Topics/marine/Licensing/marine>



From: Ove Vold [<mailto:ovvo@statoil.com>]
Sent: 18 May 2016 13:54
To: victoria.clements@hes.scot
Cc: Queiros J (Joao); Aires C (Catarina); Dinsdale R (Rosanne); Steinar Eldøy; william.kidd@hes.scot
Subject: RE: Hywind Scotland Pilot Park HDD Plan Consultation

Dear Victoria,
Following up on your consultation response to the Hywind Scotland Pilot Park HDD plan, I have attached "The Project Manual and Quality Assurance Plan" for the UXO survey carried out in April/May. I have also attached for your information an image of the Digital Terrain Model from the HDD area. There is no indication of archaeological assets in the HDD area. Information about the remaining area will be provided in the Cable Plan which will be submitted for consultation later this year.

Please do not hesitate to contact me if you have any further questions.

Regards,
Ove Vold
Consent Manager, Hywind Scotland Pilot Park Project

Best regards,
Ove Vold
Senior Engineer Impact Assessment
TPD PRD FE SE Sustainability

Mobile: [REDACTED]
Email: ovvo@statoil.com

Incorporation number: 16074
www.statoil.com

Follow Statoil on:

Please consider the environment before printing this e-mail.

Dinsdale R (Rosanne)

From: Nick Salter <Nick.Salter@mcga.gov.uk>
Sent: 25 April 2016 11:33
To: Dinsdale R (Rosanne); navigation@nlb.org.uk
Cc: Queiros J (Joao); Aires C (Catarina)
Subject: RE: Hywind Scotland Pilot Park HDD Plan Consultation

Dear Rosanne,

I have gone through the HDD plan and I have a couple of additional requests before I can agree we are content. Firstly, can Statoil please plot the works on the relevant admiralty chart. Secondly, under Sections 3 and 5, Statoil has confirmed that a concrete mat may be placed over the protruding end of the duct however they have not confirmed what impact this will have on charted depths should it be necessary. If the reduction will be over 5% what assessment have they made on the impact to local traffic?

Best regards,

Nick

Nick Salter
Offshore Renewables Advisor
Navigation Safety Branch | Maritime and Coastguard Agency
Spring Place | 105 Commercial Road | Southampton | SO15 1EG
Tel: 023 8032 9448 | Mob: [REDACTED] | Email: nick.salter@mcga.gov.uk



Safer Lives, Safer Ships, Cleaner Seas

From: Rosanne.Dinsdale@gov.scot [mailto:Rosanne.Dinsdale@gov.scot]
Sent: 30 March 2016 13:48
To: Sarah.Canning@jncc.gov.uk; Karen.Hall@jncc.gov.uk; bu.planapps@aberdeenshire.gov.uk; planning@aberdeenshire.gov.uk; victoria.moore@aberdeenshire.gcsx.gov.uk; marineenergy@snh.gov.uk; Erica.Knott@snh.gov.uk; Mareike.Moeller-Holtkamp@snh.gov.uk; planning.dingwall@sepa.org.uk; renewables@sff.co.uk; windfarms@caa.co.uk; navigation@nlb.org.uk; Nick Salter <Nick.Salter@mcga.gov.uk>; Paul.Stainer@gov.scot; MS_Renewables@gov.scot; Heritage_Management_HSEXPORT@gov.scot
Cc: Joao.Queiros@gov.scot; Catarina.Aires@gov.scot
Subject: Hywind Scotland Pilot Park HDD Plan Consultation

MARINE (SCOTLAND) ACT 2010

MARINE AND COASTAL ACCESS ACT 2009 (AS AMENDED)

The Marine Works (Environmental Impact Assessment) Regulations 2007 (as amended)

Dear Sir/Madam,

Hywind (Scotland) Limited ("Hywind"), having received consent under the above legislation and in order to discharge conditions of their Marine Licence (Licence Number 05515/15/0), in respect of the Hywind Scotland Pilot Park Project, has submitted to the Licensing Authority the documents attached.

Please find enclosed a proposed 'Plan for HDD activities' ("HDD Plan") post-consent plan and covering letter addressed to MS-LOT from Hywind. The purpose of the HDD Plan is to attempt to satisfy the requirements of:

- Condition 3.2.1.2 – Environmental Management Plan
- Condition 3.2.1.3 – Fisheries Management and Mitigation Strategy
- Condition 3.2.1.7 – Health and Safety Incident
- Condition 3.2.1.10 – Emergency Response and Co-operation Plans
- Condition 3.2.2.4 – Construction Programme
- Condition 3.2.2.5 – Construction Method Statement
- Condition 3.2.2.7 – Vessel Management Plan
- Condition 3.2.2.8 – Navigational Safety Plan
- Condition 3.2.2.10 – Cable Plan
- Condition 3.2.2.15 – Navigation and Aviation Safety and Charting
- Condition 3.2.2.19 – Marine Archaeology Reporting Protocol

of the Marine Licence awarded to Hywind in October 2015, in what concerns only the Horizontal Directional Drilling (“HDD”) activities of the Hywind Scotland Pilot Park Project. As this will be a short activity, making up only a small part of the project, MS LOT has agreed to the submission of a single document amalgamating all the post-consent plans relevant to the HDD activities, with a view to partially discharging the corresponding conditions with respect only to the HDD works.

The Decision Letter and Conditions, as well as other relevant documents, can be found on our website, following the link below:

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

The conditions state that the plan is to be submitted to the Scottish Ministers for their written approval, following a consultation with the appropriate stakeholders as specified in the Licence Conditions and any such other advisors as may be required at the discretion of the Scottish Ministers. I would be grateful if you could please refer to the attached “HDD Plan – Conditions and Consultees” document, where you will be able to find which conditions of the Marine Licence you are requested to comment on, and in which sections of the HDD Plan you can find the corresponding information.

We would appreciate any comments you may have on the attached HDD Plan and its suitability to discharge the conditions in order to determine whether it is fit for purpose for the Scottish Ministers to give it their written approval. Please note that we do not seek comments on the Marine Licence nor on the conditions, which will not be amended.

If you wish to submit any comments, please do so to MS.MarineRenewables@gov.scot before the **27th April 2016**. If you are unable to meet this deadline, please contact us to arrange an extension to the consultation period. If you have no comments to make please submit a “nil return” response.

Yours faithfully,

Rosanne

Rosanne Dinsdale
Marine Renewables Casework Officer
Marine Scotland - Marine Planning & Policy

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

Direct Dial: +44 (0)1224 295 331
General Queries: +44 (0)1224 295 579
Fax: +44 (0)1224 295 524
Email: rosanne.dinsdale@gov.scot
Website: <http://www.gov.scot/Topics/marine/Licensing/marine>



Dinsdale R (Rosanne)

From: Steinar Eldøy <steine@statoil.com>
Sent: 28 April 2016 08:37
To: 'Nick.Salter@mcga.gov.uk'
Cc: Dinsdale R (Rosanne); Tine Marit Mehl; Ove Vold
Subject: Hywind Scotland - Concrete mattress
Attachments: Mattress Spec - Heavy Density.pdf

Dear Nick

I refer to your e-mail to MS-LOT regarding the Hywind Scotland HDD plan and our short telephone conversation.

I have checked the details regarding the depth in the case we should use a concrete mattress to cover the protruding end of the duct. You can find the technical detail on the enclosed figure. As you can see the thickness of the mattress is 150 mm. With the protruding end of the duct reaching maximum 50 cm above the seabed, that means that the maximum height of the duct + the mattress should be maximum 65 cm which is still less than 5% of the depth at the location. I do underline that the duct itself is not considered to need any protection, and we do not intend to use the concrete mattress unless that should come up as a requirement for other reasons as a result of the consultation process.

Regarding your request for the location of the HDD route and exit point to be shown on admiralty chart, I have asked our GIS unit to look into that. They will look into it today, and I expect that to be ready shortly. I will forward it to you as soon as I receive it.

Should you need additional clarifications, please do not hesitate to contact me.

Regards

Steinar

Steinar Eldøy

Specialist Sustainability Impact Assessment
TEX SSU EIT
Statoil ASA

Mobile: [REDACTED]
Telephone: +47 51990000
Email: steine@statoil.com

The information contained in this message may be CONFIDENTIAL and is intended for the addressee only. Any unauthorised use, dissemination of the information or copying of this message is prohibited. If you are not the addressee, please notify the sender immediately by return e-mail and delete this message.
Thank you

This email was scanned by the Government Secure Intranet anti-virus service supplied by Vodafone in partnership with Symantec. (CCTM Certificate Number 2009/09/0052.) In case of problems, please call your organisations IT Helpdesk.
Communications via the GSi may be automatically logged, monitored and/or recorded for legal purposes.

Dinsdale R (Rosanne)

From: Nick Salter <Nick.Salter@mcga.gov.uk>
Sent: 04 May 2016 09:49
To: Ove Vold
Cc: Dinsdale R (Rosanne); Tine Marit Mehl; Steinar Eldøy
Subject: RE: Hywind Scotland - HDD works on admiralty chart

Dear Ove and Steinar,

Thank you for the chart and confirmation that the mattress will not reduce depths by more than 5%. Really useful.

Rosanne, I can confirm MCA is content with the HDD plans.

Best regards

Nick

Nick Salter
Offshore Renewables Advisor
Navigation Safety Branch | Maritime and Coastguard Agency
Spring Place | 105 Commercial Road | Southampton | SO15 1EG
Tel: 023 8032 9448 | Mob: [REDACTED] | Email: nick.salter@mcga.gov.uk



Maritime &
Coastguard
Agency

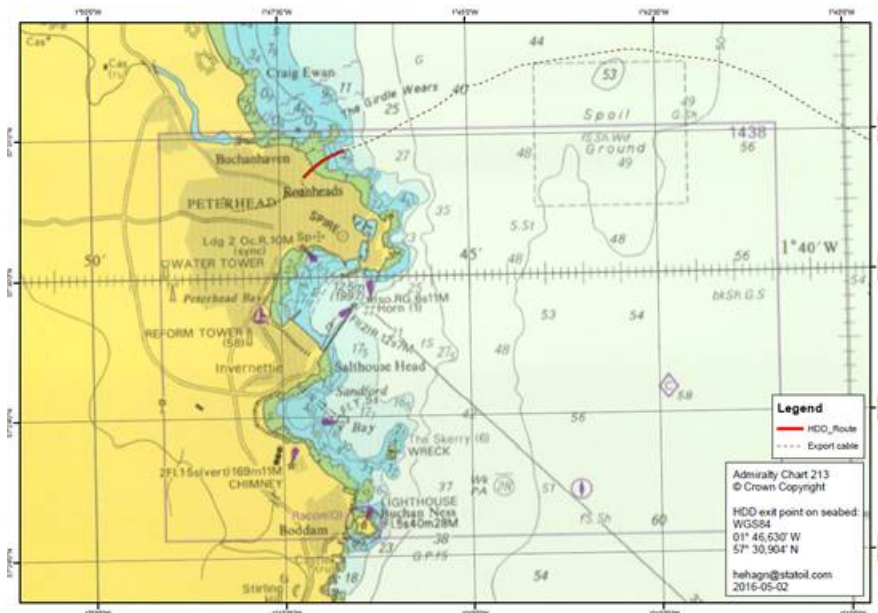
Safer Lives, Safer Ships, Cleaner Seas

From: Ove Vold [<mailto:ovvo@statoil.com>]
Sent: 03 May 2016 09:21
To: Nick Salter <Nick.Salter@mcga.gov.uk>
Cc: Rosanne.Dinsdale@gov.scot; Tine Marit Mehl <tmme@statoil.com>; Steinar Eldøy <steine@statoil.com>
Subject: RE: Hywind Scotland - HDD works on admiralty chart

Dear Nick,
Steinar is out of office today, so I am following up on his e-mail last week, 28 April 2016.

With regards to plotting the HDD works on relevant admiralty chart. Will this suffice?
See screendump and attachment.

This shows the HDD is plotted on Admiralty chart 213 (1: 75000 Fraserburgh to Newburgh). We may, if required, also get hold of Admiralty chart 1438 (Harbours on the East Coast of Scotland) for even bigger scale and details, but it will require some time (ordering, delivery and inhouse production).



Regards,
Ove Vold
Consent Manager – Hywind Scotland Pilot Park Project

Best regards,

Ove Vold
Senior Engineer Impact Assessment
TPD PRD FE SE Sustainability

Mobile: [REDACTED]
Email: ovvo@statoil.com

Incorporation number: 16074
www.statoil.com

Follow Statoil on:

Please consider the environment before printing this e-mail.

 The information contained in this message may be CONFIDENTIAL and is intended for the addressee only. Any unauthorised use, dissemination of the information or copying of this message is prohibited. If you are not the addressee, please notify the sender immediately by return e-mail and delete this message.
 Thank you

This email has been scanned by the BT Assure MessageScan service
 The service is delivered in partnership with Symantec.cloud

For more information please visit <http://www.globalservices.bt.com>

=====

Subject to the need to keep up to date file records, please consider your environmental responsibility before printing this email

Roseanne Dinsdale
Licensing Operations Team
Marine Scotland
375 Victoria Road
Aberdeen
AB11 9DB

HYWIND SCOTLAND PILOT PARK - HDD PLAN 2016

Marine Scotland Science has reviewed the submitted HDD Plan and has provided the following comments.

marine mammals

MSS appreciate the consideration and supplementary information given to the impact on EPS from this activity. We are satisfied that there is no requirement for an EPS licence for marine mammals arising from this activity. We do however welcome the developer's intention that personnel on board vessels involved in the HDD activity will adhere to the Scottish Marine Wildlife Watching Code, to minimise the impact of boat activity on marine mammals.

ornithology

Marine Scotland Science has no comments on ornithology

fish ecology

Marine Scotland Science has no comments on fish ecology

commercial fisheries

The HDD Plan sufficiently covers the requirements of conditions 3.2.1.3 (Fisheries Management and Mitigation Strategy), 3.2.2.4 (Construction Programme), 3.2.2.5 (Construction Method Statement), and 3.2.2.10 (Cable Plan – referred to in the Plan as 3.2.2.9) in relation to commercial fisheries.

MSS agrees that there will be no burial risk associated with the export cable route due to the selected installation methodology. However, additional protection measures (i.e. concrete mattress) will be required to protect the protruding end of the duct prior to cable installation in 2017 in order to minimize snagging risk to vessels deploying any bottom contact fishing gears in the area. This is consistent to the statement in Section 3 (Construction method statement).

MSS would like to review additional plans for the remaining offshore construction activities, and plans for operations, maintenance and decommissioning phases when they become available.

benthic ecology

Marine Scotland Science has no comments on benthic ecology

diadromous fish

The mouth of the River Ugie which is a salmon and sea trout river is close to the area where the work will be taking place. There should be advance liaison with the Ugie District Salmon Fishery Board.

aquaculture

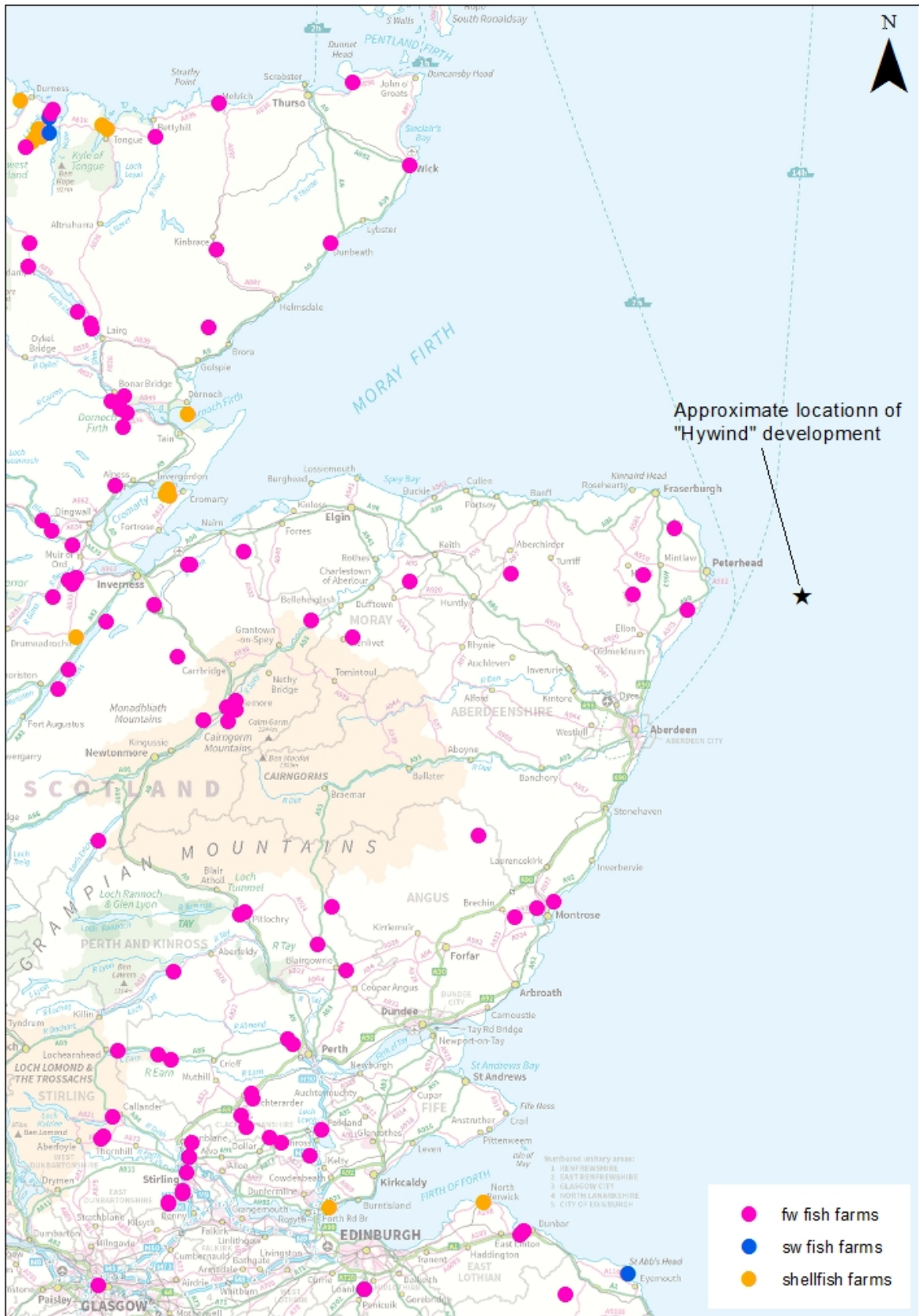
There are no specific comments to be made on the Hywind Scotland – Plan for Horizontal Directional Drilling (HDD) activities 2016. The comments made on previous applications have not fundamentally changed however the registration status of some sites may have changed since our first response, therefore for clarity, the proximity comments have been re-drafted and re-mapped.

There are currently no aquaculture sites registered with Marine Scotland Science located in the close vicinity of the Hywind Scotland Pilot Project.

The closest aquaculture sites are located ~170km south and ~160km north of the proposed offshore wind farm development (see attached map on annex 1).

There are several land based freshwater sites displayed on the map but these are not expected to be affected by this development.

Location of aquaculture sites on the east coast of Scotland



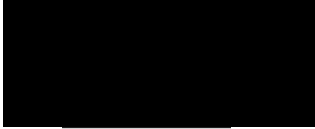
marinescotland
science
April 2016 JMM

socio economics

No comment

Hopefully these comments are helpful to you. If you wish to discuss any matters further contact the MSS Renewables in-box MS_Renewables@scotland.gsi.gov.uk.

Yours sincerely



Paul Stainer

Marine Scotland Science

27 April 2016

Northern Lighthouse Board

CAPTAIN PHILLIP DAY
DIRECTOR OF MARINE OPERATIONS

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



Your Ref: 05515/15/0 – HDD Condition Discharge
Our Ref: AJ/OPS/ML/O6_14_307

Rosanne Dinsdale
Marine Renewables Casework Officer
Marine Scotland Licensing Operations Team
Marine Laboratory
375 Victoria Road
Aberdeen
AB11 9DB

11 May 2016

Dear Rosanne,

MARINE (SCOTLAND) ACT 2010
MARINE AND COASTAL ACCESS ACT 2009 (AS AMENDED)

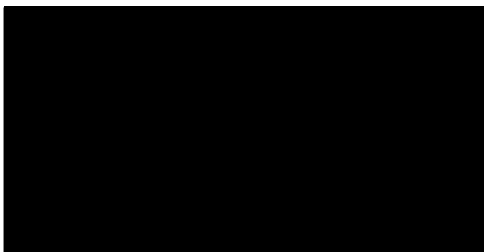
We are in receipt of your email requesting comment on the Marine Licence and consent for **Statoil Wind Limited** to develop the Hywind Scotland Pilot Park Offshore Floating Wind Turbine Project within the Buchan Deeps area east of Peterhead. We note that the comments are required for the Horizontal Directional Drilling (HDD) part of the project at this time.

We are content that the conditions within the Marine Licence have been met by Statoil Wind Ltd and note the information contained within conditions 3.2.2.4. – Construction Programme, 3.2.2.5 – Construction Method Statement, 3.2.2.7 – Vessel Management Plan and 3.2.2.8 – Navigational Safety Plan.

We are likewise content that these include the use of safety vessel(s), local Notices to Mariners and appropriate safety communications to the Kingfisher Bulletin as required in our previous correspondence dated 17 June 2015 (Ref:O6_14_263) under the Construction Phase recommendations.

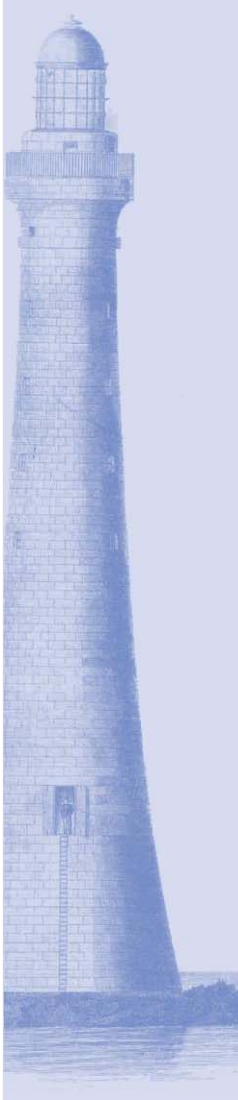
We would require that NLB receive notifications of the local Notices to Mariners regarding the commencement of operations with respect to this project.

Please advise if we can be of any further assistance, or if clarification of any of the above is required.



For the safety of

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



Our ref: PCS/146072
Your ref:

If telephoning ask for:
Alison Wilson

14 April 2016

Rosanne Dinsdale
Marine Scotland
Marine Laboratory
PO Box101
375 Victoria Road
Aberdeen
AB11 9DB

By email only to: MS.MarineRenewables@gov.scot

Dear Ms Dinsdale

Marine (Scotland) Act 2010 Discharge of conditions relating to Hywind Scotland Pilot Park HDD Plan

Thank you for your consultation email which SEPA received on 30 March 2016 in connection with the partial discharge of conditions relating to the Horizontal Directional Drilling (HDD) activities of the Hywind Scotland Pilot Park Project.

While we welcome receipt of the draft Hywind Scotland - Plan for HDD activities 2016 document, we are currently not satisfied that all the issues in relation to our interests have been adequately addressed. We would therefore have **concerns** regarding the partial discharge of the conditions relating to the HDD aspect of the proposal. However these concerns can be resolved by addressing the issues detailed below. Please note the advice below.

Advice for the determining authority and applicant

1. Horizontal Directional Drilling (HDD)

1.1 We note that "an HDD construction compound will be set up in Barclay Park in Peterhead, located approximately 150m from the foreshore. Drilling will be done from Barclay Park". In regard to this aspect of the proposal we would request clarification on the following points:

- The setup of the site compound with regard to the disposal of wastewater from any welfare facilities and how and where any chemicals, lubricating oils, drill muds etc are to be stored on site, in addition to clarifying this we recommend a supporting drawing is provided showing the location of these areas;
- How and where waste from the drilling operations i.e. drill cuttings and drilling muds are to be stored and disposed of. This could be covered within a Site Waste Management Plan section in the document.



Chairman
Bob Downes

Chief Executive
Terry A'Hearn

SEPA Aberdeen Office
Inverdee House, Baxter Street
Torry, Aberdeen AB11 9QA
tel 01224 266600 fax 01224 896657
www.sepa.org.uk • customer enquiries 03000 99 66 99

1.2 To assist in addressing the above points we would refer the applicant to the guidance provided in the following construction related PPG available from [SEPA's website](#) or the NetRegs website:

- PPG 1 General guide to the prevention of pollution
- NEW PPG 2 Above ground oil storage tanks
- PPG 6 Working at construction and demolition sites
- PPG 21: Pollution incident response planning
- PPG 22 Incident response – dealing with spills
- PPG 26 Drums and intermediate bulk containers

1.3 If the applicant has any queries regarding the above guidance or requires further advice on what information we require to address our concerns they are advised to contact a member of the operations team at Shaw House, Mid Street, Fraserburgh, AB43 9JN, Tel: 01346 510502.

If you have any other queries relating to this letter, please contact me by telephone on 01224 266656 or email at planning.aberdeen@sepa.org.uk.

Yours sincerely

Alison Wilson
Senior Planning Officer
Planning Service

ECopy to: Ove Vold, Hywind Scotland Pilot Park Project at ovvo@statoil.com

Disclaimer

This advice is given without prejudice to any decision made on elements of the proposal regulated by us, as such a decision may take into account factors not considered at the planning stage. We prefer all the technical information required for any SEPA consents to be submitted at the same time as the planning application. However, we consider it to be at the applicant's commercial risk if any significant changes required during the regulatory stage necessitate a further planning application and/or neighbour notification or advertising. We have relied on the accuracy and completeness of the information supplied to us in providing the above advice and can take no responsibility for incorrect data or interpretation, or omissions, in such information. If we have not referred to a particular issue in our response, it should not be assumed that there is no impact associated with that issue. If you did not specifically request advice on flood risk, then advice will not have been provided on this issue. Further information on our consultation arrangements generally can be found in [How and when to consult SEPA](#), and on flood risk specifically in the [SEPA-Planning Authority Protocol](#).

Our ref: PCS/146072-1
Your ref:

If telephoning ask for:
Alison Wilson

29 April 2016

Rosanne Dinsdale
Marine Scotland
Marine Laboratory
PO Box101
375 Victoria Road
Aberdeen
AB11 9DB

By email only to: MS.MarineRenewables@gov.scot

Dear Ms Dinsdale

Marine (Scotland) Act 2010 Discharge of conditions relating to Hywind Scotland Pilot Park HDD Plan

Further to our response of 14 April 2016 (PCS/146072), in connection with the partial discharge of conditions relating to the Horizontal Directional Drilling (HDD) activities of the Hywind Scotland Pilot Park Project, we can confirm we have had a meeting with representatives from Statoil on 19 April 2016.

In our response of 14 April 2016 we requested confirmation of several of the onshore aspects of the proposal which were referenced in the supporting information. However further to the meeting we understand full details of the onshore aspects of the proposal will be fully detailed in the Environmental Management Plan for the onshore works submitted in support of the planning application conditions.

As such we can confirm that in so far as our interests are concerned we have **no concerns** regarding the partial discharge of the Marine Licence conditions relating to the HDD aspect of the proposal.

If you have any queries relating to this letter, please contact me by telephone on 01224 266656 or email at planning.aberdeen@sepa.org.uk.

Yours sincerely

Alison Wilson
Senior Planning Officer
Planning Service

ECopy to: Ove Vold, Hywind Scotland Pilot Park Project at ovvo@statoil.com
ECopy to: Aberdeenshire Council relating to APP/2015/0494 , bu.planapps@aberdeenshire.gov.uk



Chairman
Bob Downes

Chief Executive
Terry A'Hearn

SEPA Aberdeen Office
Inverdee House, Baxter Street
Torry, Aberdeen AB11 9QA
tel 01224 266600 fax 01224 896657
www.sepa.org.uk • customer enquiries 03000 99 66 99



Our Ref: MM/fl: 16-017

Your Ref:

29th April 2016

Scottish Fishermen's Federation
24 Rubislaw Terrace
Aberdeen, AB10 1XE
Scotland UK

T: +44 (0) 1224 646944
F: +44 (0) 1224 647058
E: sff@sff.co.uk

www.sff.co.uk

By email: MS.MarineRenewables@gov.scot

Dear Sirs,

HYWIND SCOTLAND PILOT PARK HDD PLAN

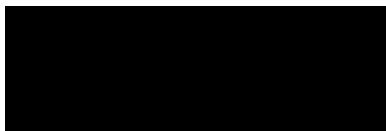
The Scottish Fishermen's Federation (SFF) welcomes the opportunity to comment on this application on behalf of the 500 plus fishing vessels in membership of the Anglo-Scottish Fishermen's Association, the Clyde Fishermen's Association, the Fishing Vessel Agents & Owners Association (Scotland) Limited, the Mallaig and North-West Fishermen's Association Ltd, the Orkney Fishermen's Association, Scallop Association, the Scottish Pelagic Fishermen's Association Ltd, the Scottish Whitefish Producers' Association Ltd and the Shetland Fishermen's Association.

The first concern for the SFF is that the application for the HDD output ducts is able to demonstrate that by use of the Fisheries Liaison Officer (FLO) navigational concerns are solved by proper engagement with fishing vessels operating in the area.

The other concern for the SFF is that the protruding length of duct should not become a potential snagging point. Given the area, it is unlikely to be mobile gear that interacts with the duct and has the problem, so, again the proper use of the FLO, as in best practice guidelines, dealing with the fishing vessels operating there should be able to determine if a concrete mattress is the appropriate protection.

Assuming that these 2 issues are adequately dealt with, upon final agreement of all the plans for consenting, the cooperation of the fishing industry in these matters must be recognised. This co-operation should be considered as part of the overall development of mitigation for the development, which the SFF would expect to happen before final consent is granted.

Yours faithfully,



Bertie Armstrong
Chief Executive
Scottish Fishermen's Federation

Members:

Anglo Scottish Fishermen's Association
Clyde Fishermen's Association
Fishing Vessel Agents & Owners Association (Scotland) Ltd

Mallaig & North-West Fishermen's Association Ltd
Orkney Fisheries Association
Scallop Association

Scottish Pelagic Fishermen's Association Ltd
Scottish Whitefish Producers' Association Ltd
Shetland Fishermen's Association

VAT Reg. No: 605 096 748

Dinsdale R (Rosanne)

From: Steinar Eldøy <steine@statoil.com>
Sent: 30 May 2016 14:38
To: Dinsdale R (Rosanne)
Cc: Queiros J (Joao); May R (Roger)(MARLAB); Ove Vold; Tine Marit Mehl
Subject: Hywind Scotland - notes from meeting with SFF 24.05.2016

Dear Rosanne

We had a meeting with SFF and discussed the HDD plan on 24 May, and as you can see from the e-mail exchange below, SFF is satisfied that the approach discussed will satisfy the SFF's concerns regarding the HDD activities planned for 2016. You will find the notes from the meeting at the bottom. Hopefully, this will be sufficient for you to approve the HDD plan.

Regards
Steinar

From: Steven Alexander [mailto:S.Alexander@sff.co.uk]
Sent: 30. mai 2016 14:55
To: Steinar Eldøy; John Watt
Cc: Tine Marit Mehl; Kari Lurås; Ove Vold; Malcolm Morrison
Subject: RE: Minutes of meeting 24.05.2016

Thanks Steinar.

I can confirm that the SFF is happy to accepted the text proposed.

Kind regards,

Steven

From: Steinar Eldøy [mailto:steine@statoil.com]
Sent: 30 May 2016 12:45
To: Steven Alexander <S.Alexander@sff.co.uk>; John Watt <J.Watt@sff.co.uk>
Cc: Tine Marit Mehl <tmme@statoil.com>; Kari Lurås <kalur@statoil.com>; Ove Vold <ovvo@statoil.com>; Malcolm Morrison <M.Morrison@sff.co.uk>
Subject: RE: Minutes of meeting 24.05.2016

Hi again,
Sorry, I misunderstood – thought you referred to the position of the exit point. Then I propose the following text within the brackets: “extending further out ca 700 m beyond the exit point towards the sea”.

Steinar

From: Steven Alexander [mailto:S.Alexander@sff.co.uk]
Sent: 30. mai 2016 12:15
To: Steinar Eldøy; John Watt
Cc: Tine Marit Mehl; Kari Lurås; Ove Vold; Malcolm Morrison
Subject: RE: Minutes of meeting 24.05.2016

Hi Steinar,

With regard to the mention of 700m, our comments are in relation to providing clearance for the pull in of the 660m of pipe, where a clearance area of 700m would be required from the exit point out towards the sea rather than inwards to the shoreline.

Kind regards,

Steven

From: Steinar Eldøy [<mailto:steine@statoil.com>]

Sent: 30 May 2016 10:53

To: Steven Alexander <S.Alexander@sff.co.uk>; John Watt <J.Watt@sff.co.uk>

Cc: Tine Marit Mehl <tmme@statoil.com>; Kari Lurås <kalur@statoil.com>; Ove Vold <ovvo@statoil.com>; Malcolm Morrison <M.Morrison@sff.co.uk>

Subject: RE: Minutes of meeting 24.05.2016

Thanks. Adding a clarification of where the exit point is located is ok – however it will be 500 meters from shore, not 700 meters (ref. map page 5 in the HDD plan). The total length of the borehole will be 660 meters, of which ca 160 meters will be on land. I have changed this, and suppose this is then ok to send to Marine Scotland.

Regards
Steinar

From: Steven Alexander [<mailto:S.Alexander@sff.co.uk>]

Sent: 30. mai 2016 11:23

To: Steinar Eldøy; John Watt

Cc: Tine Marit Mehl; Kari Lurås; Ove Vold; Malcolm Morrison

Subject: RE: Minutes of meeting 24.05.2016

Good day Steinar,

We agree that last week's meeting was constructive and can confirm that the approach discussed will satisfy the SFF's concerns regarding the HDD activities planned for 2016.

The only additional information which we feel should be included in the meeting notes below, has been added in bold at the end of the final paragraph.

Kind regards,

Steven

Steven Alexander
Offshore Liaison
Scottish Fishermen's Federation
24 Rubislaw Terrace
Aberdeen
AB10 1XE

Tel: 01224 646944

Fax: 01224 647058

Mob: [REDACTED]

Website: www.sff.co.uk



From: Steinar Eldøy [<mailto:steine@statoil.com>]
Sent: 27 May 2016 11:42
To: John Watt <J.Watt@sff.co.uk>; Steven Alexander <S.Alexander@sff.co.uk>
Cc: Tine Marit Mehl <tmme@statoil.com>; Kari Lurås <kalur@statoil.com>; Ove Vold <ovvo@statoil.com>
Subject: Minutes of meeting 24.05.2016

Dear John and Steven

I have set up a draft note from our constructive meeting on Tuesday, and would appreciate any comments and your confirmation that the approach discussed will satisfy your concerns regarding the HDD activities planned for 2016.

Regards
Steinar

Steinar Eldøy

Specialist Sustainability Impact Assessment
TEX SSU EIT
Statoil ASA

Mobile: [REDACTED]
Telephone: +47 51990000
Email: steine@statoil.com

A meeting was held in the offices of SFF in Aberdeen between Statoil, Balfour Beatty and SFF 24 May 2016.

Attendees:

John Watt, SFF
Steven Alexander, SFF
Tine Mehl, Statoil ASA
Steinar Eldøy, Statoil ASA
Robert Luther, Balfour Beatty
Graeme Hopkins, Balfour Beatty
Teresa Dawson, Balfour Beatty

Statoil and Balfour Beatty gave a short update on the planned construction activities in the landfall area this summer. Break-through of the HDD approximately 500 meters from shore is expected end of July. The marine part of the work is described in the HDD plan which SFF previously has received and commented upon. A deviation compared to the description in the HDD plan is the inclusion of a bellmouth at the end of the duct. This has been requested by the contractor (Subsea 7) who will take care of the cable laying in 2017. The purpose of the bellmouth is to facilitate pulling of the cable into the landfall duct. Survey works has shown the presence of an approximately two meter thick sand layer at the exit point. The intention is to flush away overburden at the exit point by the use an airlift system supported by divers. Statoil confirmed that an FLO arrangement will be in place, and in addition Teresa Dawson from Peterhead has been engaged as a community liaison officer.

Regarding the sand cover at the exit point SFF commented that there could be significant variability depending on the wind direction. South-easterly wind brings in sand, and northerly winds remove sand. Therefore the assumption that the protruding end of the duct and the pipeline would be buried by sand was questioned. Snagging of fishing gear is the main concern of SFF. As there are no trawling in the area, the risk is limited to lobster pots and ropes being snagged underneath the protruding duct. As the vessels involved in these fishing activities are small, there is a risk that snagging could lead to capsizing of the vessels. SFF see no problem with a bellmouth being installed at the end of the duct. The key is to cover the protruding duct/bellmouth underneath to avoid snagging. SFF does not see any issue with the sailing depth in the area, as the vessels operating here are small vessels.

Use of a concrete mattress to protect the protruding end of the duct (as mentioned in the HDD plan as an option) was discussed. SFF proposed that grout bags might be a better alternative, and it was agreed to include that instead of a mattress.

SFF furthermore proposed to set up a meeting with the local fishermen 2-3 weeks prior to the start of the marine works to inform them about the planned activities, and give them time to relocate pots. It was agreed to do that, and to involve the onshore FLO as well as SFF in this meeting. It was furthermore agreed to put together a map which can be presented in this meeting, showing the location of the exit point, the anchor spread of the multi-cat vessel, and also the position of the floating duct when placed in position for being pulled into the landfall borehole. SFF advised that there should be a zone of 50 m to either side of the duct to be cleared to avoid snagging during the operation (extending ca 700m beyond the exit point towards the sea).

The information contained in this message may be CONFIDENTIAL and is intended for the addressee only. Any unauthorised use, dissemination of the information or copying of this message is prohibited. If you are not the addressee, please notify the sender immediately by return e-mail and delete this message.
Thank you

The information contained in this message may be CONFIDENTIAL and is intended for the addressee only. Any unauthorised use, dissemination of the information or copying of this message is prohibited. If you are not the addressee, please notify the sender immediately by return e-mail and delete this message.
Thank you

The information contained in this message may be CONFIDENTIAL and is intended for the addressee only. Any unauthorised use, dissemination of the information or copying of this message is prohibited. If you are not the addressee, please notify the sender immediately by return e-mail and delete this message.
Thank you

The information contained in this message may be CONFIDENTIAL and is intended for the addressee only. Any unauthorised use, dissemination of the information or copying of this message is prohibited. If you are not the addressee, please notify the sender immediately by return e-mail and delete this message.
Thank you

This email has been scanned by the Symantec Email Security.cloud service.
For more information please visit <http://www.symanteccloud.com>

This email has been received from an external party and
has been swept for the presence of computer viruses.

Dinsdale R (Rosanne)

From: Catriona Gall <Catriona.Gall@snh.gov.uk>
Sent: 22 April 2016 13:45
To: Dinsdale R (Rosanne)
Cc: Queiros J (Joao); Aires C (Catarina); Bova D (David) (MARLAB); Erica Knott; Tracey Begg; Sarah.Canning@jncc.gov.uk; Karen.Hall@jncc.gov.uk
Subject: RE: Hywind Scotland Pilot Park HDD Plan Consultation

Dear Rosanne,

Thank you for consulting us on this horizontal directional drill (HDD) for the Hywind export cable. The works are taking place in Scottish territorial waters (close to Peterhead) so that SNH is the statutory nature conservation advisor. We have, however, discussed and agreed the following advice with JNCC.

We have reviewed Hywind's HDD plan and consider that it provides a clear and concise explanation of the proposed work and the environmental management procedures which will apply. The marine element of this work is of short duration (3-6 days) involving only a limited number of vessels, one of which (the multi-cat / crane vessel) will be anchored at the HDD exit point and act as a co-ordination vessel.

SNH is satisfied that there is no risk of significant disturbance to either marine mammals or seabird species from the HDD and, acknowledging this, we are content for Statoil to appoint an in-house ecological clerk of works (ECoW) to oversee the environmental management of this work. SNH advises that this work does not require a European protected species licence as there is no risk of significant disturbance to any EPS whale or dolphin species. Vessel noise and the noise from drilling activity are both low, and the work is of short duration. We welcome the commitment (under vessel management in section 11) that all personnel will be required to adhere to the Scottish Marine Wildlife Watching Code.

We are also satisfied with Hywind's environmental management and reporting procedures for the HDD as set out in sections 7, 8 and 10 of the plan.

Please note that both SNH and JNCC met with Statoil on 10 March and JNCC had a further meeting on 19 April. Following discussion at these meetings, we are awaiting further information about the ECoW scope of works for the wind farm construction. We anticipate formal consultation from MS-LOT in this regard and both SNH and JNCC will provide comments at this stage.

In the meantime, please contact me in the first instance if there is any further advice you need in relation to the HDD works.

Yours sincerely,

Catriona Gall

Marine Renewables Casework Adviser - Offshore Wind

SNH
Battleby
Redgorton
Perthshire
PH1 3EW

direct dial: 01738 - 458665