

**From:** MacKenzie, Ellen <Ellen.MacKenzie@marinemanagement.org.uk>  
**Sent:** 04 March 2020 13:18  
**To:** Thomas, Harriet <harriet.thomas@innogy.com>  
**Cc:** Lock, Gill <gill.lock@innogy.com>; Gauld-Clark, Kim <kim.gauld-clark@innogy.com>; Sofia Consents <consents\_sofia@innogy.com>; Skeldon, Fern <Fern.Skeldon@marinemanagement.org.uk>; Davies, Clare <clare.davies@innogy.com>  
**Subject:** RE: Sofia Offshore Wind Farm MMO/SOWFL SoCG for NMC application/ dML variation

Good morning Harriet,

Thank you for clarifying the conclusion that was made previously regarding impacts to fish following your further modelling. We are now content for you to use the previous MMO/SOWFL SoCG for your forthcoming NMC application / dML variation to increase hammer energy to 4,000kJ. We will still consult Cefas when we receive the variation request to identify any new issues.

Kind regards,

Ellen

Ellen Mackenzie | Marine Licensing Case Officer | Her Majesty's Government – Marine Management Organisation  
Direct Line: 02087200961 | [Ellen.MacKenzie@marinemanagement.org.uk](mailto:Ellen.MacKenzie@marinemanagement.org.uk) |  
Lancaster House, Newcastle Business Park, Newcastle upon Tyne, NE4 7YH  
[Website](#) | [Twitter](#) | [Facebook](#) | [Linkedin](#) | [Blog](#) | [Instagram](#) | [Flickr](#) | [YouTube](#) |  
[Google+](#) | [Pinterest](#)

**From:** [harriet.thomas@innogy.com](mailto:harriet.thomas@innogy.com) [<mailto:harriet.thomas@innogy.com>]  
**Sent:** 26 February 2020 12:52  
**To:** MacKenzie, Ellen <Ellen.MacKenzie@marinemanagement.org.uk>; [clare.davies@innogy.com](mailto:clare.davies@innogy.com)  
**Cc:** [gill.lock@innogy.com](mailto:gill.lock@innogy.com); [kim.gauld-clark@innogy.com](mailto:kim.gauld-clark@innogy.com); [consents\\_sofia@innogy.com](mailto:consents_sofia@innogy.com); Noble, Ellie Noble <[Ellie.Noble@marinemanagement.org.uk](mailto:Ellie.Noble@marinemanagement.org.uk)>; Skeldon, Fern <[Fern.Skeldon@marinemanagement.org.uk](mailto:Fern.Skeldon@marinemanagement.org.uk)>  
**Subject:** RE: Sofia Offshore Wind Farm MMO/SOWFL SoCG for NMC application/ dML variation

Hi Ellen

Thank you for your email. In response to your comments in relation to fish, there were further discussions between SOWFL and Lisa Southwood (MMO) at the time following signature of the SoCG in November 2018. The attached email is the response we received from Lisa following submission of further modelling information within the SoCG carried out by SOWFL in relation to fish.

The conclusion of the MMO response letter in relation to fish states: “ 2.1.7. Consequently, the MMO does not agree that the impact of underwater noise is negligible, and that impacts to gravid herring and their eggs and larvae are still possible. However, the MMO does consider that the supporting information adequately demonstrates that the risk of a significant impact is unlikely to be high, and is therefore is content that the increased hammer energy of 5,500kj can be used in the construction method statement.”

This later response from the MMO concluded the assessment of the effects of the proposed application to increase the hammer energy to 5,500kJ on fish.

If you have any additional queries, please contact me.

Kind regards, Harriet

**Harriet Thomas**  
Consent Manager

M: +44(0) 7827 982935  
W: [www.innogy.com/sofia](http://www.innogy.com/sofia)

**Sofia Offshore Wind Farm Limited**

**From:** MacKenzie, Ellen <[Ellen.MacKenzie@marinemanagement.org.uk](mailto:Ellen.MacKenzie@marinemanagement.org.uk)>  
**Sent:** 25 February 2020 15:57  
**To:** Davies, Clare <[clare.davies@innogy.com](mailto:clare.davies@innogy.com)>  
**Cc:** Thomas, Harriet <[harriet.thomas@innogy.com](mailto:harriet.thomas@innogy.com)>; Lock, Gill <[gill.lock@innogy.com](mailto:gill.lock@innogy.com)>; Gauld-Clark, Kim <[kim.gauld-clark@innogy.com](mailto:kim.gauld-clark@innogy.com)>; Sofia Consents <[consents\\_sofia@innogy.com](mailto:consents_sofia@innogy.com)>; Noble, Ellie Noble <[Ellie.Noble@marinemanagement.org.uk](mailto:Ellie.Noble@marinemanagement.org.uk)>; Skeldon, Fern <[Fern.Skeldon@marinemanagement.org.uk](mailto:Fern.Skeldon@marinemanagement.org.uk)>  
**Subject:** Sofia Offshore Wind Farm MMO/SOWFL SoCG for NMC application/ dML variation

Hi Clare,

We can confirm that the minutes from our call on 11/02/2020 are accurate.

In regards to your forthcoming NMC application / dML variation to increase hammer energy to 4,000kJ, and your query about using the previous MMO/SOWFL SoCG, our initial thoughts are that we are content for you to use the previous statement of common ground. However, as there were some uncertainties regarding effects on fish, we would recommend you to provide any updates on what has happened since it was written in terms of noise modelling certainty. We would then consult Cefas when we receive the variation request. This advice will be further confirmed once Fern returns.

Kind regards,

Ellen

Ellen Mackenzie | Marine Licensing Case Officer | Her Majesty's Government – Marine Management Organisation  
Direct Line: 02087200961 | [Ellen.MacKenzie@marinemanagement.org.uk](mailto:Ellen.MacKenzie@marinemanagement.org.uk) | Lancaster House, Newcastle Business Park, Newcastle upon Tyne, NE4 7YH  
[Website](#) | [Twitter](#) | [Facebook](#) | [Linkedin](#) | [Blog](#) | [Instagram](#) | [Flickr](#) | [YouTube](#) | [Google+](#) | [Pinterest](#)

**From:** [clare.davies@innogy.com](mailto:clare.davies@innogy.com) [<mailto:clare.davies@innogy.com>]  
**Sent:** 13 February 2020 13:48  
**To:** Noble, Ellie Noble <[Ellie.Noble@marinemanagement.org.uk](mailto:Ellie.Noble@marinemanagement.org.uk)>; MacKenzie, Ellen <[Ellen.MacKenzie@marinemanagement.org.uk](mailto:Ellen.MacKenzie@marinemanagement.org.uk)>; Skeldon, Fern

<[Fern.Skeldon@marinemanagement.org.uk](mailto:Fern.Skeldon@marinemanagement.org.uk)>

Cc: [harriet.thomas@innogy.com](mailto:harriet.thomas@innogy.com); [gill.lock@innogy.com](mailto:gill.lock@innogy.com); [kim.gauld-clark@innogy.com](mailto:kim.gauld-clark@innogy.com); [consents\\_sofia@innogy.com](mailto:consents_sofia@innogy.com)

**Subject:** Sofia Offshore Wind Farm and MMO monthly call

Hi Ellen, Ellie and Fern

Attached is a copy of the meeting minutes from our call on 11/02/2020. I would be grateful if you could confirm these are an accurate record of discussion in advance of our next monthly meeting scheduled for 11 March. We have highlighted actions and agreements made during the call. A version of the management plan programme and action log is also attached for reference.

I have also attached a copy of the signed MMO/SOWFL SoCG used during our NMC application / dML variation from 2019 regarding the hammer energy which was subsequently withdrawn. As per one of the actions, we would like confirmation from the MMO that they consider this SoCG still appropriate for our forthcoming NMC application / dML variation to increase hammer energy to 4,000kJ. I have also attached the email exchange between SOWFL and Natural England which shows they are content their SoCG is still appropriate.

Kind regards  
Clare

**Clare Davies**  
Consent Manager

M:+44(0) 7500 916336  
W: [www.innogy.com/sofia](http://www.innogy.com/sofia)

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Registered office:  
Windmill Hill Business Park,  
Whitehill Way, Swindon, Wiltshire, SN5 6PB.

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