

15th July 2015

Major Application and Plans,
The Planning Inspectorate,
Temple Quay House,
Temple Quay,
Bristol,
BS1 6PN

By Email Only

Dear Katherine,

HORNSEA OFFSHORE WIND FARM (ZONE 4) PROJECT TWO - THE EXAMINING AUTHORITY'S FIRST ROUND OF WRITTEN QUESTIONS AND REQUESTS FOR INFORMATION - YOUR REF. FNA18

I am writing in response to your subject request: "could you please expand on the 'significant implications' of the project on your marine operations and what mitigation measures you would like to see in place?".

Owing to present unavailability of personnel required to address this in detail, the below wording explains the intent of the narrative and provides a summarized response. More detail will be provided if required.

The proposed Hornsea Wind Farm array creates significant implications to ConocoPhillips (U.K.) Limited's (COPUK) Collision Risk Management system, which detects and monitors vessel traffic in the vicinity of COPUK offshore platforms and creates alerts should those vessel tracks threaten to encroach on the legislated Safety Zones surrounding those platforms. The array is expected to increase marine traffic proximate to COPUK offshore platforms by displacing shipping routes due to the proposed Hornsea Wind Farm location, and impacts on the operational effectiveness of the primary means of vessel monitoring and errant vessel alerts, the Radar Early Warning Systems (REWS).

COPUK has a duty to ensure that all risks associated with its offshore operations are managed to specified standards. The proposed Hornsea Wind Farm array will cause interference with the operation of the current REWS, masking the approach of errant vessels to our installations, and impairing our existing detection system due to alarm flooding caused by increased traffic.

Where an increase in risk is identified, COPUK expect the Project Owners to implement remedial measures that will return the risk to its current level. Whilst Smart Wind has taken some steps to address the issues, their studies do not fully satisfy COPUK requirements. We are currently discussing the possibility of a more focused study, for which COPUK has proposed a scope of work to the Project Owners. The objectives of this study, to be conducted with the involvement of the REWS supplier, are to evaluate wind farm impact on REWS operation and to identify any suitable or necessary remedial measures. Until this study has completed it is not possible to express a view on whether the issues created by the Hornsea Wind Farm can be resolved by modification of the REWS or whether additional mitigating measures are required.

To meet its duties and obligations, COPUK needs to ensure robust and effective measures are in place to eliminate the risks created by the wind farm. We have made it clear throughout discussions with Smart Wind that if COPUK is dissatisfied with the Project Owners proposed measures to return risk to current accepted levels, further measures may be required by COPUK to protect its assets, for

example (but not limited to) a dedicated and suitably outfitted boat (termed a guard vessel) to patrol the traffic 'corridor' on a year round basis to be provided by the Project Owners.

We look forward to developing an agreed solution with Smart Wind to protect COPUK safety performance standards. Should you need any further information on this or any other COPUK matters related to the Project, please do not hesitate to contact me.

Yours Sincerely,



Karen Morrison
Commercial Coordinator
ConocoPhillips (U.K.) Limited