

# Offshore Wind Programme Board – Barriers to Deployment

## Underwater Noise Workstream: Understanding the NOAA Guidance and the implications for UXO detonations and pile driving in the UK

9<sup>th</sup> October 2018 – 09.00-17.00

Objective: The overall aim of the workshop is to provide a forum for an invited audience of underwater noise experts, regulators, statutory advisors and offshore developers to understand the evidence base detailed within the NOAA Technical Guidance for Assessing the effects of anthropogenic Sound on Marine Mammal Hearing (NOAA Guidance) and best available scientific evidence to inform Environmental Impact Assessments and regulation when using thresholds for auditory injury in marine mammal species in the UK.

Time	Agenda Item	Speaker
09.00-09.15	Arrival, tea, coffee and registration	
<b>Session 1 - Comparison of underwater noise guidance and application to pile driving and UXO detonation</b>		
09.15-09.30	Welcome, introduction and aims of the workshop	Madeline Hodge on behalf of the Offshore Wind Programme Board
09.30-10.15	Overview of the regulatory regime in the USA and review of regulatory implications and guidance	Laura Morse Ørsted
10.15-11.00	The Evolution and Application of the NOAA Technical Guidance for Assessing the effects of anthropogenic Sound on Marine Mammal Hearing (NOAA Guidance)	Brandon Southall Southall Environmental Associates
11.00-11.45	How the NOAA Technical Guidance for Assessing the effects of anthropogenic Sound on Marine Mammal Hearing is being applied in Europe	Jakob Tougaard and Jacob Nabe-Nielsen Aarhus University
11.45-12.30	Open floor discussion	Facilitated by Scott McCallum
12.30-13.15	Lunch	
<b>Session 2 - UK industry viewpoint</b>		
13.15-13.30	The assessment of underwater noise impacts and the challenges facing the UK offshore wind industry	Pete Gaches Gobe Consultants
13.30-13.45	Managing uncertainty in underwater noise; a developer perspective	Gillian Sutherland Scottish Power
13.45-14.15	The progression of Underwater Noise Impact Assessments in the UK	Tim Mason Subacoustech
14.15-14.45	Underwater noise issues faced by the cables/interconnector industry	Greg Tomlinson National Grid
14.45-15.00	Coffee break	

15.00-15.30	Overview of the current guidance for underwater noise impacts in the UK	Sonia Mendes and ?? JNCC and Natural England
15.30-16.30	Open floor discussion	Facilitated by Scott McCallum
16.30-16.45	Closing remarks and next steps	Madeline Hodge on behalf of the Offshore Wind Programme Board