

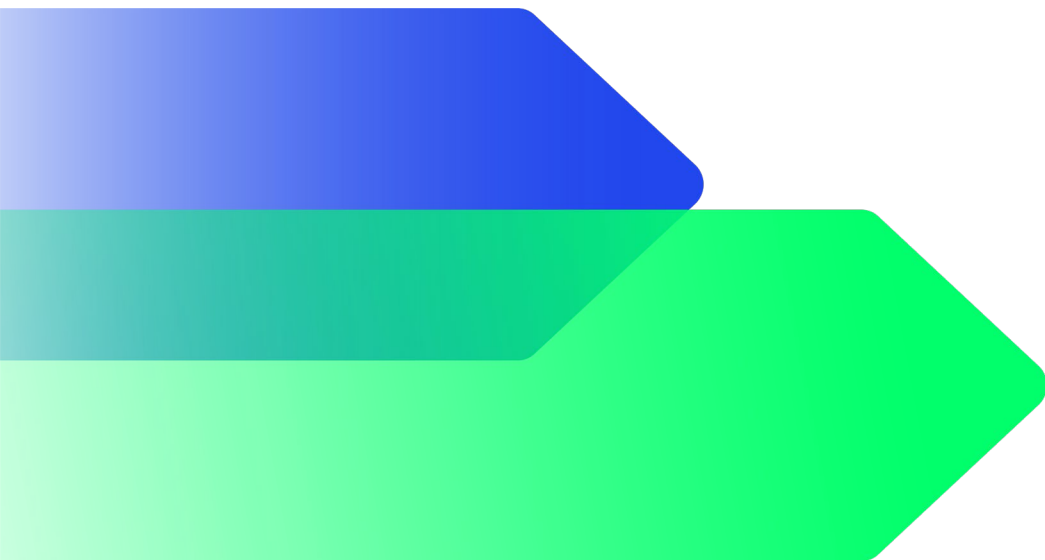
FLOATING WIND JOINT INDUSTRY PROGRAMME S3P2

Clarification Question Responses

Pre-Stretching and Re-tensioning of Fibre Ropes (PSRT)

May 2024





#	Type	Question	Response
1	Project specific	Is there any requirement in this study to conduct a live test in the field for pre-stretching of fibre ropes?	The study does not require live tests in the field. Information from previous testing will be of great benefit to the project. It may be a project recommendation for follow-up testing work.
2	Project specific	Can the studies be supported with numerical simulations based on known fibre rope properties?	Yes, numerical simulations can support this study. Where possible, numerical modelling should be validated against material test benchmarks.
3	Project specific	Is simulation work (e.g. Orcaflex analysis) within the scope of the proposal or as part of justified Alternative Work (i.e. in addition to that scoped in the "potential project extension")	The focus of simulation work for this project is related to scoping for the potential project extension, with limited modelling at the initial stage of the project.
4	Project specific	Table on page 11 describing scenarios appears truncated and not all information is supplied.	The table in the ITT (page 11) is all the information provided and complete.
5	Project specific	In terms of the platform designs and model files referenced ("Reference Designs - overview ITT"), at what point can this information (and the mooring specifications) be made available e.g. "Each was designed with two different mooring line materials - steel catenary moorings and a 'chain - polyester fibre – chain' design". Furthermore, the ITT scenario table mentions taut nylon and polyester mooring systems. Do reference designs exist for these, or is it the expectation that the successful bidder will identify appropriate designs for the scenarios?	The full mooring designs are made available to the contractor selected for the project.

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Published in the UK: 2023