

**Environmental Statement:** Volume 5, Annex 10.3 - Seascape and Visual Resources Cumulative Wirelines PINS Document Reference: A6.5.10.3

Date: May 2018



## **Offshore Wind Farm**

**APFP Regulation 5(2)(a)** 





**Environmental Impact Assessment** 

**Environmental Statement** 

Volume 5

Annex.10.3 – Seascape and Visual Resources Cumulative Wirelines

Liability

This report has been prepared by RPS, with all reasonable skill, care and diligence within the terms of their contracts with Orsted Power (UK) Ltd.

Report Number: A6.5.10.3

Version: Final

Date: May 2018

This report is also downloa	adable from the	e Hornsea	Project	Three	offshore	wind f	farm	website	at:
www.hornseaproject3.co.u	<u>ık</u>								

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Front cover picture: Kite surfer near a UK offshore wind farm © Orsted Hornsea Project Three (UK) Ltd., 2018.	Approved by: Sophie Banham

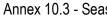






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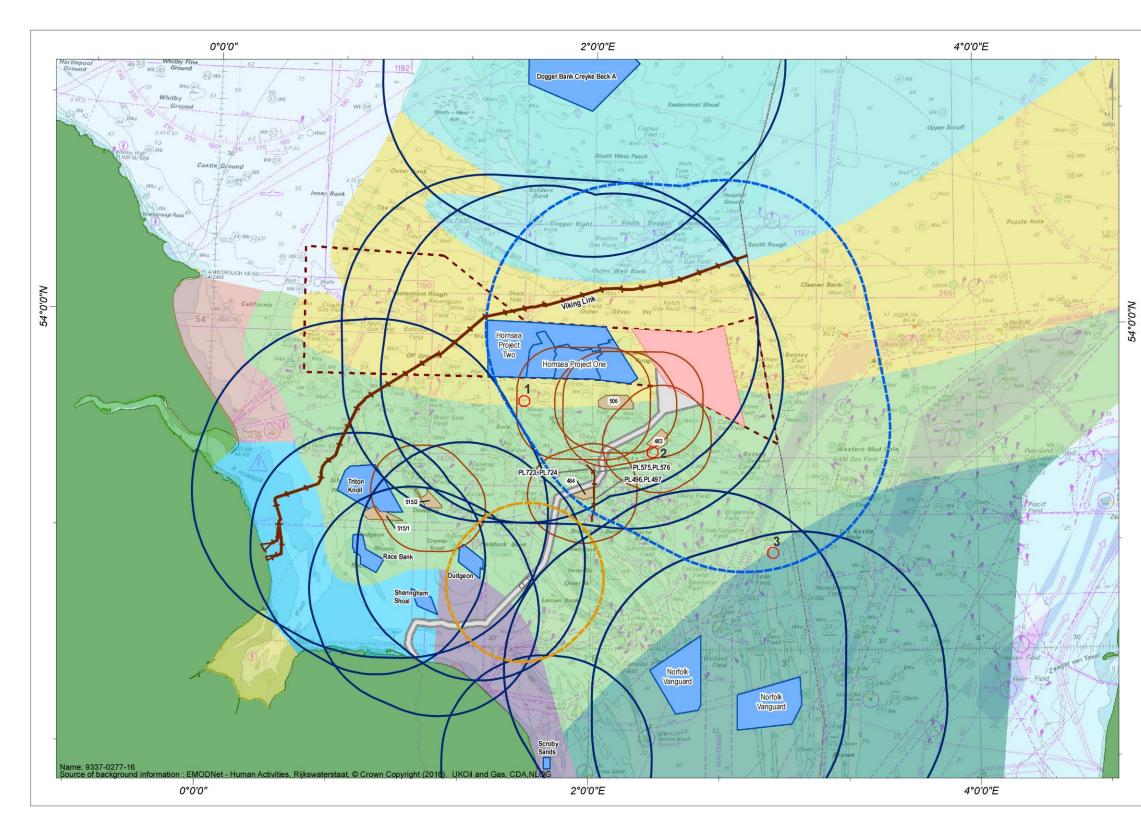


Figure 1: Cumulative schemes and present day seascape characteristics.



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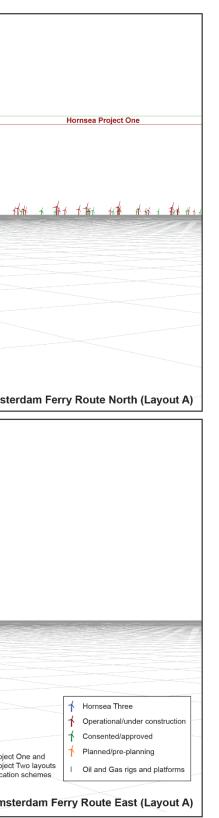




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Figure 2: Cumulative wireline viewpoint 1: Newcastle to Amsterdam ferry route north and east (Layout A - 300 turbines with a maximum blade tip height of 250 m).





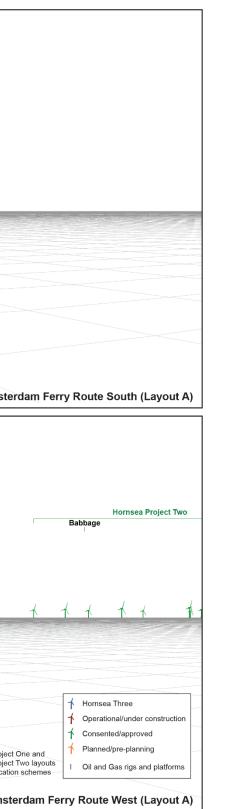




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Figure 3: Cumulative wireline viewpoint 1: Newcastle to Amsterdam ferry route south and west (Layout A - 300 turbines with a maximum blade tip height of 250 m).







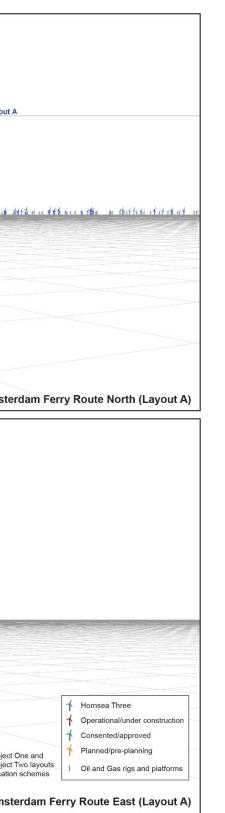
Hornsea 3 Offshore Wind Farm

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Figure 4: Cumulative wireline viewpoint 2: Newcastle to Amsterdam ferry route north and east (Layout A - 300 turbines with a maximum blade tip height of 250 m).

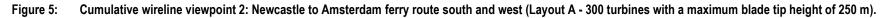




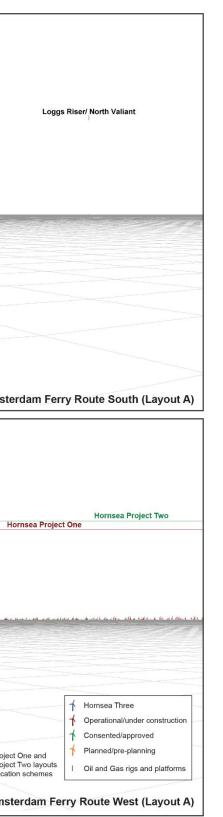




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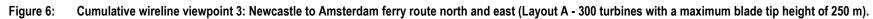






Hornsea 3 Offshore Wind Farm

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Figure 7: Cumulative wireline viewpoint 3: Newcastle to Amsterdam ferry route south and west (Layout A - 300 turbines with a maximum blade tip height of 250 m).



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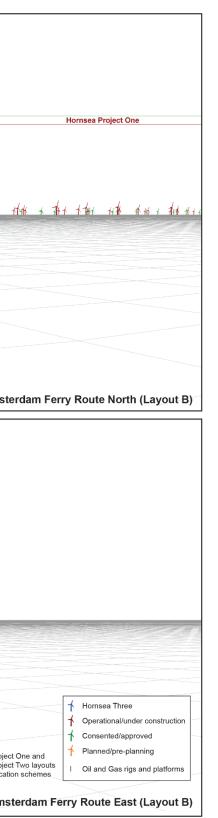




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Figure 8: Cumulative wireline viewpoint 1: Newcastle to Amsterdam ferry route north and east (Layout B - 160 turbines with a maximum blade tip height of 325 m).





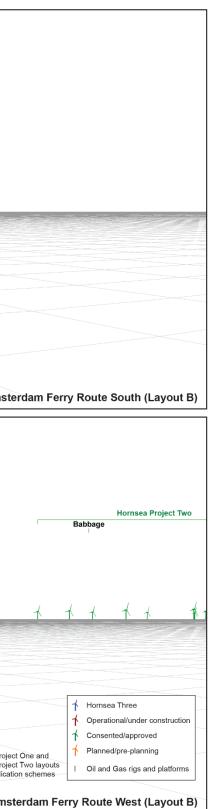




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Figure 9: Cumulative wireline viewpoint 1: Newcastle to Amsterdam ferry route south and west (Layout B - 160 turbines with a maximum blade tip height of 325 m).







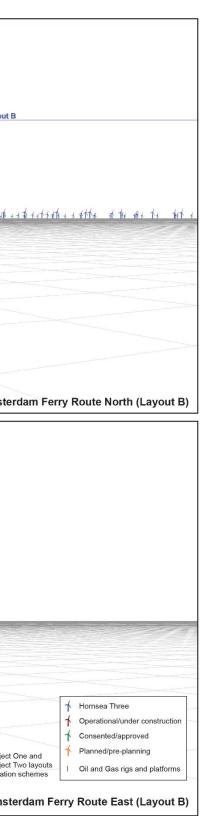


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Figure 10: Cumulative wireline viewpoint 2: Newcastle to Amsterdam ferry route north and east (Layout B - 160 turbines with a maximum blade tip height of 325 m).









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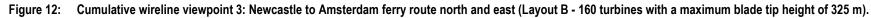
Figure 11: Cumulative wireline viewpoint 2: Newcastle to Amsterdam ferry route south and west (Layout B - 160 turbines with a maximum blade tip height of 325 m).



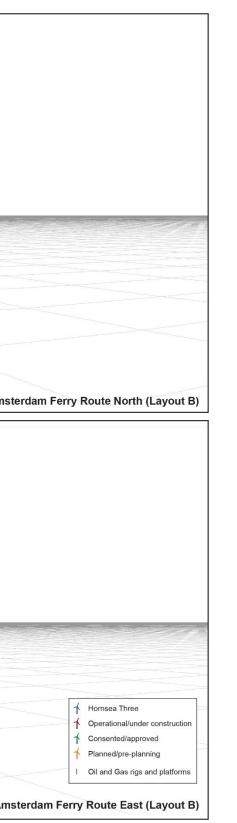


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WGS 84 Datum: 53° 17.962' N 2° 56.452' E Viewpoint height: 26.5m LAT Distance from Hornsea 3: 45 km Horizontal field of view: 90° Viewing distance: 251mm @ A3 Cumulative Wireline Viewpoint 3: Newcastle to Amsterdam Ferry Route South (Layout B) View South WGS 84 Datum: 53° 17.962' N 2° 56.452' E Viewpoint height: 26.5m LAT Distance from Hornsea 3: 45 km Horizontal field of view: 90° Viewing distance: 251mm @ A3 Cumulative Wireline Viewpoint 3: Newcastle to Amsterdam Ferry Route West (Layout B) View West

Figure 13: Cumulative wireline viewpoint 3: Newcastle to Amsterdam ferry route south and west (Layout B - 160 turbines with a maximum blade tip height of 325 m).





