

Norfolk Boreas Offshore Wind Farm

Consultation Report

Appendix 13.21 Email to Luchtverkeersleiding Nederland

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Photo: Ormonde Offshore Wind Farm

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Luchtverkeersleiding Nederland
Postbus 75200
1117 ZT Schiphol airport
The Netherlands

Date: 5 June 2017
Ref: 71011 009 Issue 1

By Email

Dear Sir / Madam,

Norfolk Vanguard Offshore Wind Farm

Osprey Consulting Services Ltd (Osprey) is providing support to Vattenfall Wind Power Ltd (VWPL) who is developing the Norfolk Vanguard Offshore Wind Farm. The purpose of this letter is to provide you with some information regarding the position and extent of the proposed Wind Farm development, and to invite you to comment informally on any safeguarding concerns that you may have. Consulting at an early stage allows us to consider any concerns that you may have before the proposed design is finalised; we welcome any comments that you may have.

The proposed location for the Norfolk Vanguard (NV) Offshore Wind Farm, which is a UK Nationally Significant Infrastructure Project (NSIP), is 47 kilometres (km) offshore (at the closest point) from the UK coastline. The wind farm comprises two distinct areas: Norfolk Vanguard East (NV East) and Norfolk Vanguard West (NV West) and has a projected generation capacity of 1.8GW (1800MW).

VWPL has world leading experience in offshore wind, as owner of the following wind farms: Kentish Flats, Kentish Flats Extension, Ormonde, and Thanet Offshore Wind Farms, which are currently operational in the UK, as well as a growing portfolio of wind projects across its European markets. Figure 1 below provides the layout of the proposed Norfolk Vanguard Offshore Wind Farm area for Scoping. It also illustrates a provisional submarine Offshore Cable Corridor that will be refined as the project matures. Informal consultation with stakeholders is underway; this will continue throughout the Environmental Impact Assessment (EIA) and Development Consent Order (DCO) application process. VWPL is committed to engaging with aviation stakeholders during this process, and working alongside them to deliver a project of the best possible quality.

COMMERCIAL IN CONFIDENCE

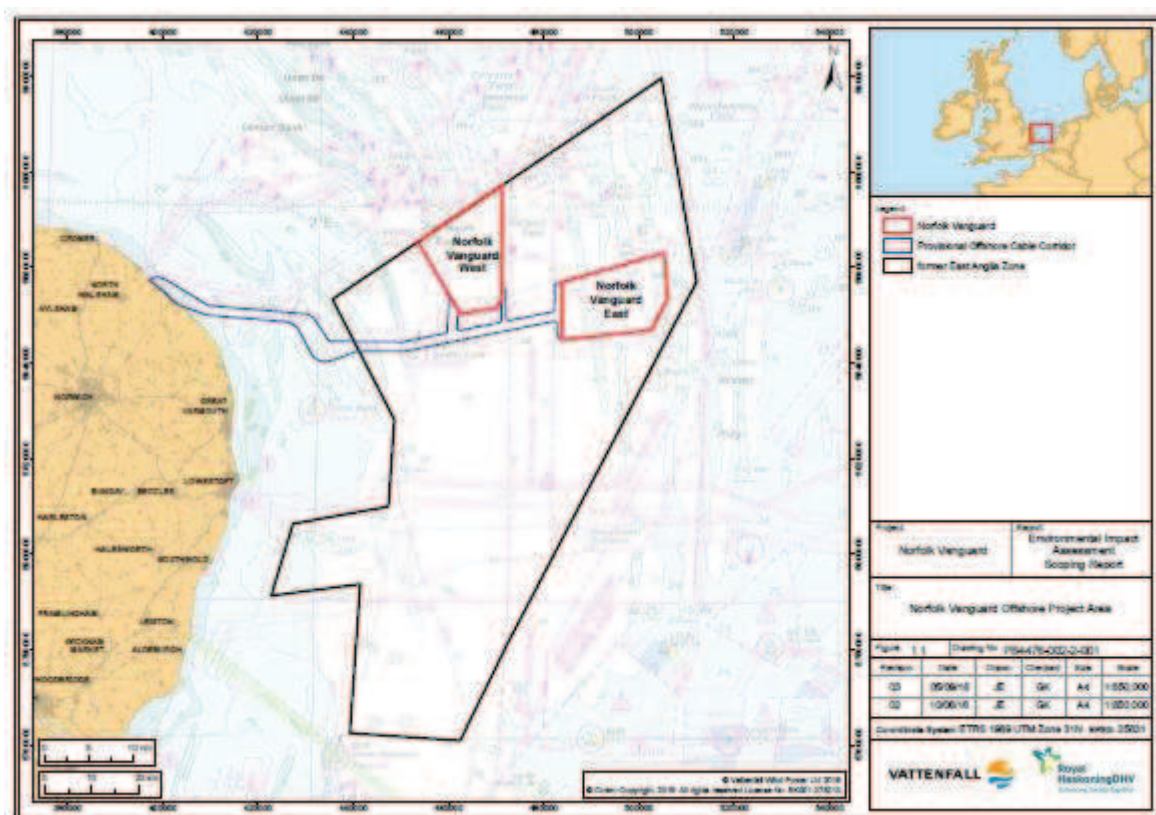


Figure 1: Norfolk Vanguard Offshore Project Areas

During consultation completed in June 2014, Luchtverkeersleiding Nederland (LVNL) had not changed its original position, which was that LVNL “don’t expect radar issues with the wind turbines planned in the East Anglia Offshore Wind zone. The primary radars used by LVNL (including NATS radar Debden) are too far away to have line of sight with wind turbines in this area. Our Northsea Wide Area Multilateration and ADSB system will not be affected either as there are no WAM/ADSB field units close enough to the wind zone.”

The Norfolk Vanguard Offshore Wind Farm will be located within the Southern North Sea, close to existing manned and unmanned oil and gas recovery platforms. A number of Helicopter Main Routes (HMRs) are near NV West and East: HMRs 447, 450 and one Dutch HMR KZ50 cross through the NV area. It is proposed that helicopter-hoisting platforms will be installed on each wind turbine nacelle, to enable crew maintenance access. The NV planning and design will take account of relevant UK Civil Aviation Authority (CAA) guidance and standards included within Civil Aviation Publication (CAP) 437 Standards for Offshore Helicopter Landing and CAP 764 CAA Policy and Guidance on Wind Turbines.

I hope that you have found the information regarding the proposed Norfolk Vanguard Offshore Wind Farm useful. We value the opportunity to engage informally since this gives us an opportunity to influence the design process at an early stage, and we look forward to receiving any feedback that you have, both positive and negative. For your information, I have also

contacted the Netherlands Directorate General of Civil Aviation and the Netherlands Ministerie van Defensie with details of the proposed project.

I look forward to receiving your earliest reply.

Yours sincerely

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