



LEGEND

PLANVIEW & BATHYMETRY

- Projection grid (UTM)
- Boundary WFS-1
- Boundary WFS-2
- Investigation area boundary WFS-1 / WFS-2
- Wind Farm Zone boundary

COLOUR INDEX

Seabed classification classes

23.00

17.00

12.00

8.00

3.00

0.00

Clays

Silts

Muddy sands

Sands

Coarse sands

Gravel

CLASSIFICATIONS (from fine grain size to coarse grain size)

CLAYS (20-17)

- Clay
- Silty clay
- Very fine silt
- Sandy clay

SILTS (16-12)

- Fine silt
- Sandy mud
- Medium silt
- Sandy silt
- Coarse silt

MUDDY SANDS (11-8)

- Clayey sand
- Very fine sand
- Muddy sand
- Silty sand

SANDS (7-5)

- Fine sand
- Medium sand
- Medium sand - gravelly muddy sand

COARSE SANDS (4-3)

- Coarse sand - gravelly sand
- Coarse sand - sandy gravel

GRAVEL (2-1)

- Gravelly coarse sand
- Gravel

NOTES

1) Backscatter classification image was created from a 25x25m grid

2) Backscatter classification image has been shaded with the results from the bathymetry for clarity

EQUIPMENT

Surface positioning

: Trimble SPS855 RTK

Multibeam systems

: Dual head R2Sonic 2024 (280/320 kHz)

Motion reference unit

: IXBlue Octans IV

Heading reference unit

: IXBlue Octans IV

Sub-surface positioning

: Simrad Kongsberg HPAP 350P USBL

Magnetometer

: Geometrics G-882

Side scan sonar

: Edgetech 4200MP dual-channel SSS (300/600 kHz)

Sound velocity probe(s)

: Valeport MiniSVP

Multi-channel sparker

: GMSD Geo-Source 200 LW & multi-trace 24/48 acquisition system

Sub bottom profiler

: Innmar SES-2000

GEODETIC PARAMETERS

GEODETIC DATUM

: ETRS89

PROJECTION

: UTM (North)

Ellipsoid

: GRS 1980

UTM zone

: 31 (° E)

Semi-major axis

: 6378137.000m

False Easting

: 500000m

Semi-minor axis

: 6356752.314m

False Northing

: 0m

Inverse flattening

: 298.2572221010

Scale factor

: 0.9996

VERTICAL REFERENCE

All depths in metres reduced to LAT using GEON297 and LAT-NZ modeling

KEYPLAN

Netherlands Enterprise Agency (RVO)

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GEOPHYSICAL SITE INVESTIGATION SURVEY

BORSSELE WINDFARM SITE 2

BACKSCATTER SEABED CLASSIFICATION

SCALE 1:20.000

200m

0

400m

800m

1200m

1600m

2000m

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REVISION

Chart	Prepared & checked (DEEP)	Approved (Client)
1 of 1	Prepared	Checked
W1_F	ALA	SPI
W2		
W3		
Surveyed(s)		Survey period
BMD / JCA / MKO / SRR / WV		January & February 2015
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