

**LEGEND**

**PLANVIEW**

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

**TRACK PLOTS**

- Planned survey line
- Sailed track with Magnetometer
- 64-6400 Survey line name

**NOTES**

1) Track position also applies for Side-Scan Sonar (which was towed approx. 20m in front of the Magnetometer)

**EQUIPMENT**

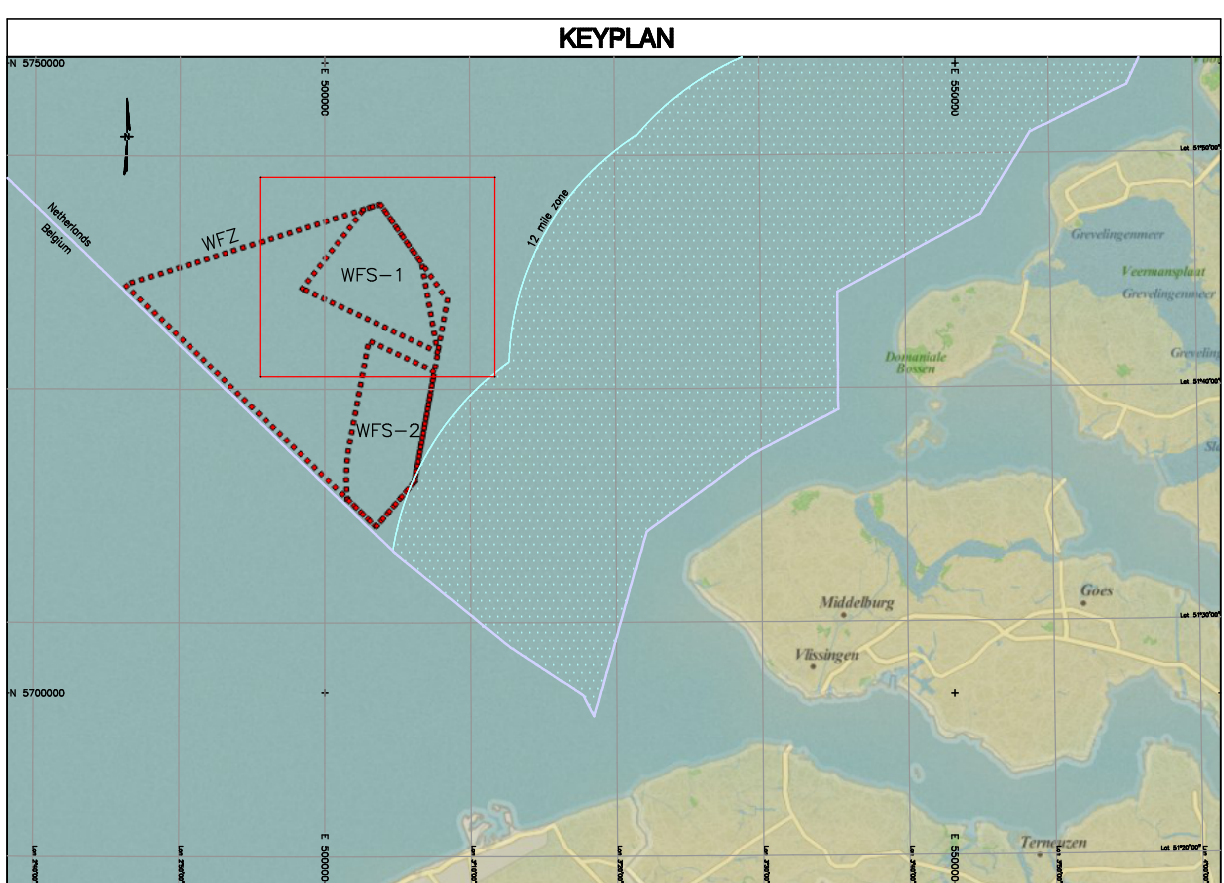
Surface positioning	: Trimble SP5855 RTK
Multibeam systems	: Dual head R2Sonic 2024 (280/320 kHz)
Motion reference unit	: iXBlue Octans IV
Heading reference unit	: iXBlue Octans IV
Sub-surface positioning	: Simrad Kongsberg HIPAP 350P USBL
Magnetometer	: Geometrics G-882
Side scan sonar	: Edgetech 4200MP dual-channel SSS (300/600 kHz)
Sound velocity probe(s)	: Reson Navitronics SVP-14
Multi-channel sparker	: GMSD Geo-Source 200 LW & Multi-Trace 24/48 acquisition system
Sub bottom profiler	: Inmarmer SES-2000

**GEODETTIC PARAMETERS**

GEODETTIC DATUM	: ETRS89	PROJECTION	: UTM (North)
Ellipsoid	: GRS 1980	UTM zone	: 31 (3° 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



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**GEOPHYSICAL SITE INVESTIGATION SURVEY**  
**BORSSELE WINDFARM SITE 1**  
TRACK PLOTS MAGNETOMETER & SIDE SCAN SONAR

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
Y02		
Y03		
Surveyor(s)	Survey period	Issued(s)
USA	January & February 2015	WV BREKERS
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