

**LEGEND**

**PLANVIEW**

+

 Projection grid (UTM)

Boundary WFS-1

Boundary WFS-2

Investigation area boundary WFS-1 / WFS-2

Wind Farm Zone boundary

Out Of Service (OOS) cable (theoretical position)

Active cable (theoretical position)

Active pipeline (theoretical position)

**MAGNETOMETER COLOUR INDEX**

9.0

8.0

7.0

6.0

5.0

4.0

3.0

2.0

1.0

0.0

-1.0

-2.0

-3.0

-4.0

-5.0

-6.0

-7.0

-8.0

-9.0

-10.0

-11.0

-12.0

-13.0

-14.0

-15.0

-16.0

-17.0

-18.0

-19.0

-20.0

-21.0

-22.0

-23.0

-24.0

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-27.0

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-29.0

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-52.0

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-82.0

-83.0

-84.0

-85.0

-86.0

-87.0

-88.0

-89.0

-90.0

-91.0

-92.0

-93.0

-94.0

-95.0

-96.0

-97.0

-98.0

-99.0

-100.0

Detrended magnetic field (nT)

**CONTACTS**

Sidescan sonar contact with ID [SSS]

Sidescan sonar linear contact (cable/pipeline) with ID [SSS]

Magnetometer contact with ID [MAG]

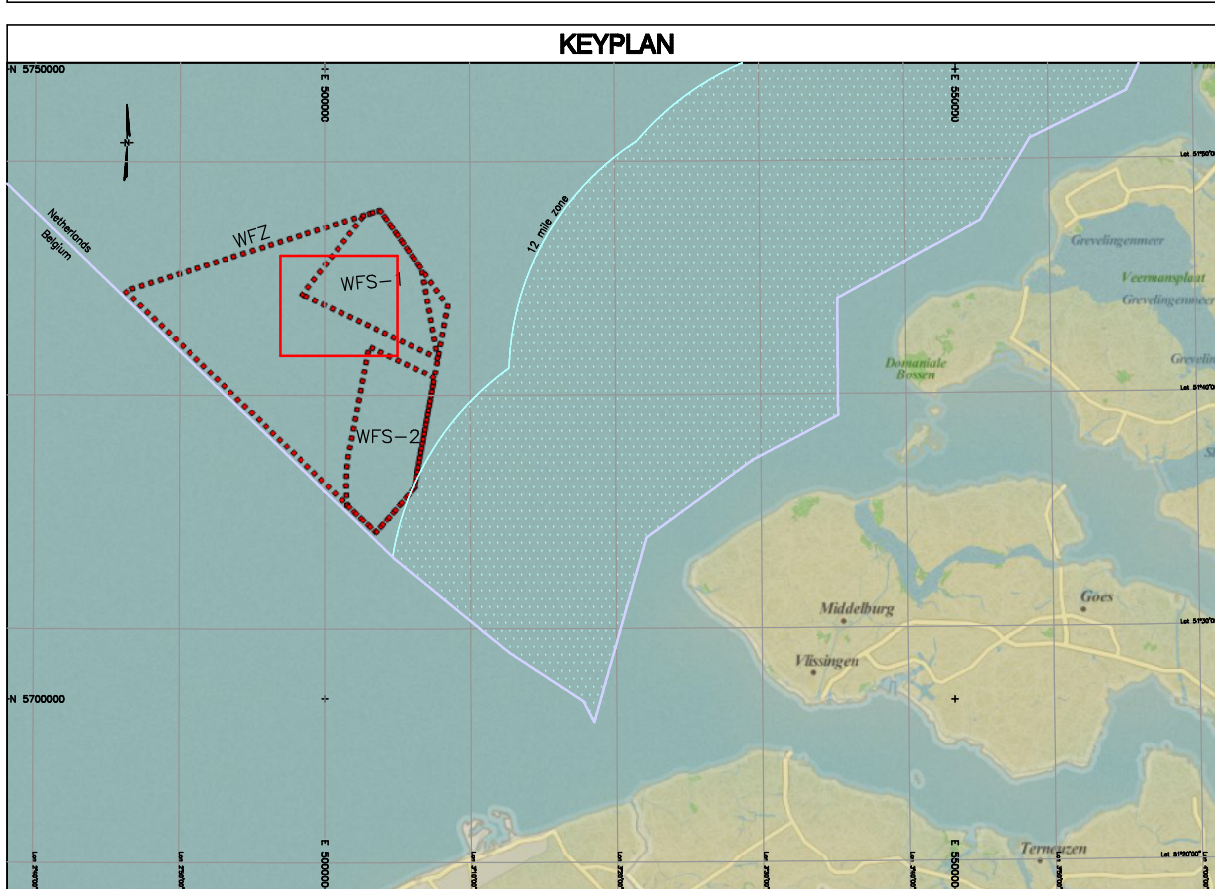
Magnetometer linear contact (cable/pipeline) with ID [MAG]

**NOTES**

EQUIPMENT	
Surface positioning	: Trimble SP5855 RTK
Multibeam systems	: Dual head R2Sonic 2024 (280/320 kHz)
Motion reference unit	: XBlue Octans IV
Heading reference unit	: XBlue 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)	: Valeport MiniSVP
Multi-channel sparker	: GMS5 Geo-Source 200 LW & Multi-Trace 24/48 acquisition system
Sub bottom profiler	: Inmarmer SES-2000

GEODETTIC PARAMETERS	
GEODETTIC DATUM	: ETRSR9
PROJECTION	: UTM (North)
Ellipsoid	: GRS 1980
Semi-major axis	: 6378137.000m
Semi-minor axis	: 6356752.314m
Inverse flattening	: 298.2572221010
UTM zone	: 31 (° E)
False Easting	: 500000m
False Northing	: 0m
Scale factor	: 0.9996

VERTICAL REFERENCE	
All depths in metres reduced to LAT using GEON237 and LAT-HZ modeling	



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**GEOPHYSICAL SITE INVESTIGATION SURVEY**  
**BORSSELE WINDFARM SITE 1**  
SSS AND MAG CONTACTS

SCALE 1:10,000  
100m 0 200m 400m 600m 800m 1000m

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**deep**

REVISION						
Chart	Prepared & checked (DEEP)			Approved (Client)		
2 of 3	Prepared	Checked	Date	Name	Signature	Date
WI_D	ALA	SP1	03-03-2015			
WI_F	ALA	SP1	27-03-2015			
W3						
Surveyor(s)		Survey period		Version(s)		
BRO / GSA / MKO / SBR / WY		January & February 2015		WY BREAKER		
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