



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 ping numbers; Innomar SES2000
- 64-6400 Survey line name

NOTES

1) Track position also applies for multibeam
(which is located appr. 1.6m portside of the innomar transducer)

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 HIPAP 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 : GMS5 Geo-Source 200 LW & Multi-Trace 24/48 acquisition system
Sub bottom profiler : Innomar 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

KEYPLAN

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**GEOPHYSICAL SITE INVESTIGATION SURVEY
BORSSELE WINDFARM SITE 2**

TRACK PLOTS SUB BOTTOM PROFILER & MULTIBEAM

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 Date Name Signature Date	
WFL_P	WWE SPI 03-03-2015	
WFL_F	SPH ALA 27-03-2015	
WFS		
Surveyor(s)	Survey period	Issue(s)
IGA	January & February 2015	"W BREAKER"

DRAWING NUMBER: Tracks-SIPAMIE-WFS2-chart-1a1 Form: 60-AD Project Number: P2849