



PLANVIEW & BATHYMETRY		LEGEND		COLOUR INDEX	
				Seabed classification classes	
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 – gravely muddy sand			
COARSE SANDS (4–3)	:	– Coarse sand – gravely sand – Coarse sand – sandy gravel			
GRAVEL (2–1)	:	– Gravely 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 SPB855 RTK					
Multibeam systems : Dual head R2Sonic 2024 (288/320 kHz)					
Mastlon reference unit : XBlue Octans IV					
Heading reference unit : XBlue Octans IV					
Sub-surface positioning : Simrad Kongsberg HIPAP 350P USBL					
Magnetometer : Geomatics G-882					
Side scan sonar : Edgetech 4200W dual-channel SSS (300/600 kHz)					
Sound velocity probe(s) : Valeport MiniVP					
Multi-channel sparker : GMSD Geo-Source 200 LW & multi-trace 24/48 acquisition system					
Sub bottom profiler : Innomark SES-2000					
GEODEIC PARAMETERS					
GEODEIC 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 : 298.2572231010		Scale factor : 0.99996			
VERTICAL REFERENCE					
All depths in metres reduced to LAT using GEONZ97 and LAT-NZ modeling					
KEYPLAN					
		Netherlands Enterprise Agency (RVO) PO box 93144 2509 AC Den Haag The Netherlands			
GEOPHYSICAL SITE INVESTIGATION SURVEY BORSELE WINDFARM SITE 1 BACKSCATTER SEABED CLASSIFICATION					
SCALE 1:20.000					
deep					
REVISION					
Drawn		Prepared & checked (DEEP)		Approved (Client)	
1 of 1	Prepared	Checked	Date	Name	Signature Date
WJ-F	ALA	SPH	27-03-2015		
VBS					
Surveyor(s)		Survey period		Vessel(s)	
BMD / JSA / MW / SBH / BW / MV		January & February 2015		'MV BREAKER'	
DRAWING NUMBER: Backscatter-WFS1-start-tail		Format: ISO A0		Project Number: P2849	