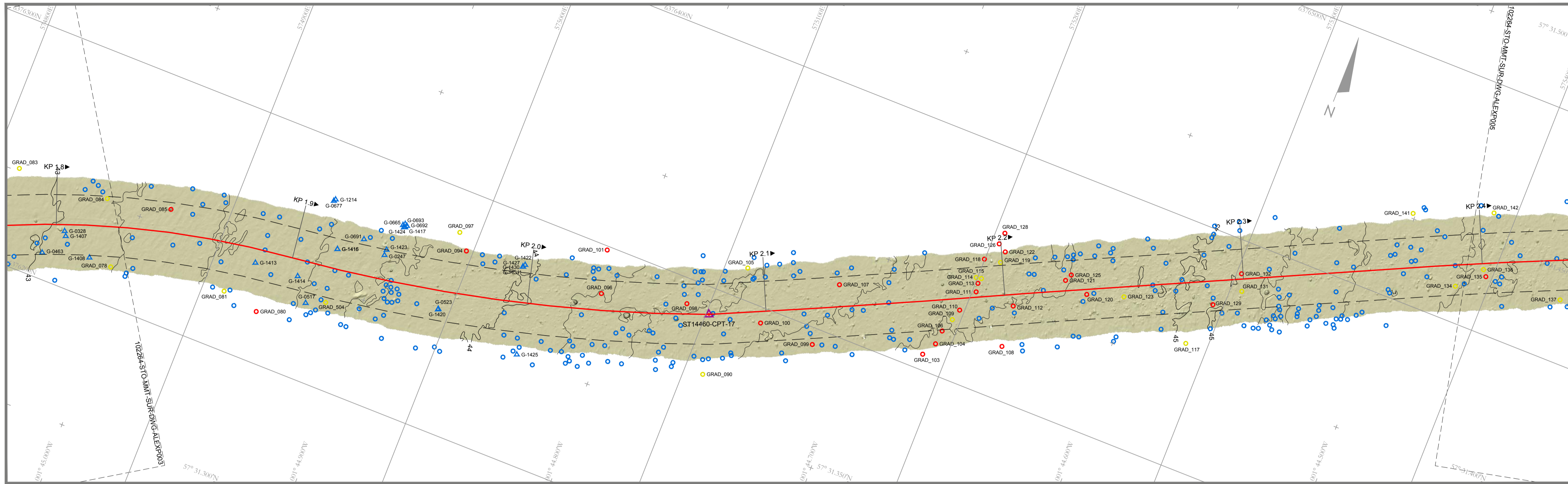


BATHYMETRY - Horizontal Scale 1:1000



### SURVEY NOTES

Horizontal Datum : WGS84, Grid north displayed in charts  
 Projection : UTM Zone 30 N  
 Chart Latitude and Longitude are given in format DMM mmm  
 Central Scale Factor : 0.9996  
 False Easting : 500 000 m  
 False Northing : 0 m  
 Latitude Origin : 0°  
 Central Meridian : 3° 00' 00"W  
 Dimensions : In metres unless otherwise stated  
 Vertical Reference : LAT  
 Height Model : DTU10  
 Reference Document : ST16826 Hywind Scotland UXO Survey Report: C178-MMT-G-RA-00005  
 Coastline : From background database (for guidance only)  
 Survey Date : April - May 2016

Offshore vessel : MV Edda Fonn  
 Positioning : Seapath with Fugro Starpack XP  
 Secondary Positioning : Fugro Starpack XP  
 USBL Positioning : Kongsberg HHPAP 500  
 ROV : Kyteidesign Supporter  
 INS Primary UW Positioning : IXSEA ROVINS  
 INS Secondary UW Positioning : IXSEA Octans 3000  
 Multibeam Echo Sounder : Dual FZSonic 2024 (200-400 kHz)  
 Side Scan Sonar : Edgetech 4200 (300/600 kHz)  
 Gradiometer : Innovatum Gradiometer Array (12 sensor)

### LEGEND

- Surveyed Cable Route with KP
- Adjacent Surveyed Cable Route
- Geophysical Surveyed Corridor
- Territorial Border
- Matchline to neighbouring chart
- Detected Cables Survey 2013
- Planned Anchor Lines (client supplied)
- Wind Turbine Generator (client supplied)

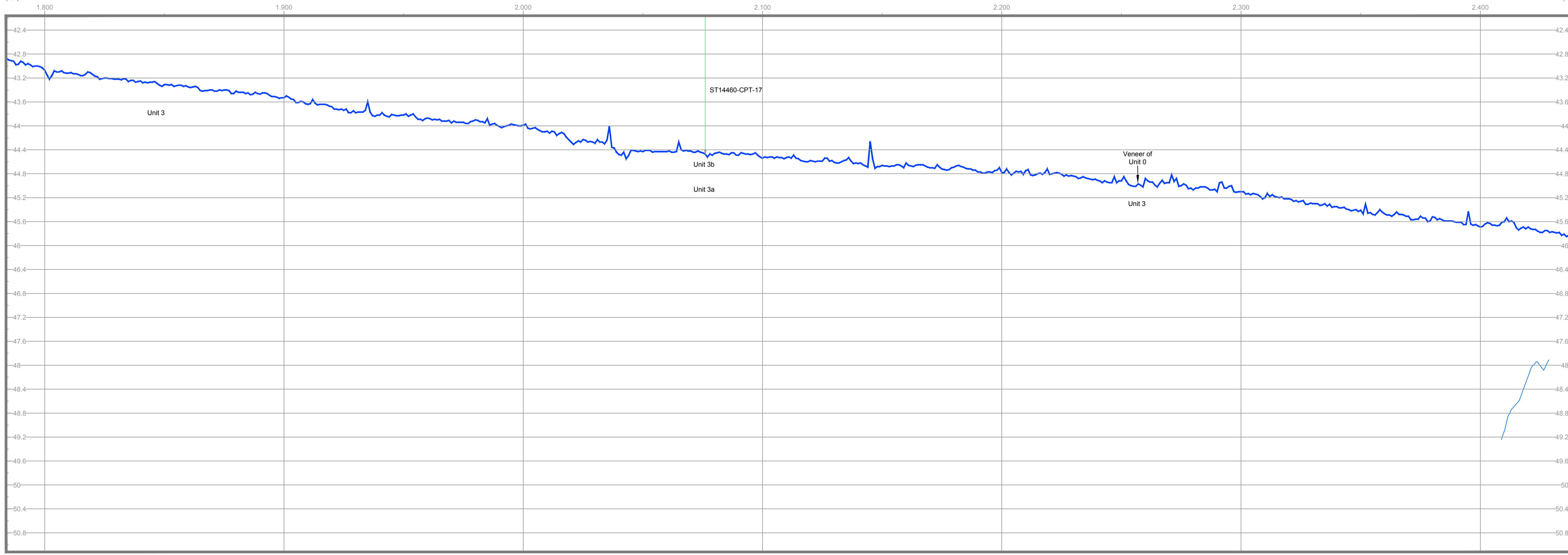
### BATHYMETRY

- Water Depth Contour (interval 0.2 m) with labels
- Water Depth Contour (interval 1 m)
- BOR-001 Borehole Location with ID \*
- CPT-001 CPT Location with ID \*
- Potential UXO (5-10kg)
- Potential UXO (>10kg)
- ROV Inspected Target with ID \*\*
- Gradiometer Anomaly

Notes:  
 \* Borehole and CPT locations taken from Statoil Doc. No.: C178-GGI-G-RA-00002\_02  
 \*\* ROV Inspected position refers to As-Found or Re-located target position

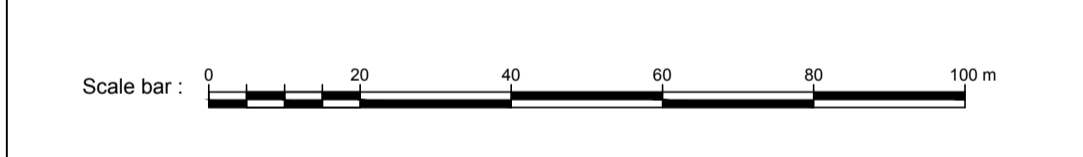
Depths are given in metres and refer to LAT

LONGITUDINAL PROFILE WITH SHALLOW GEOLOGY - Vertical Scale 1:40

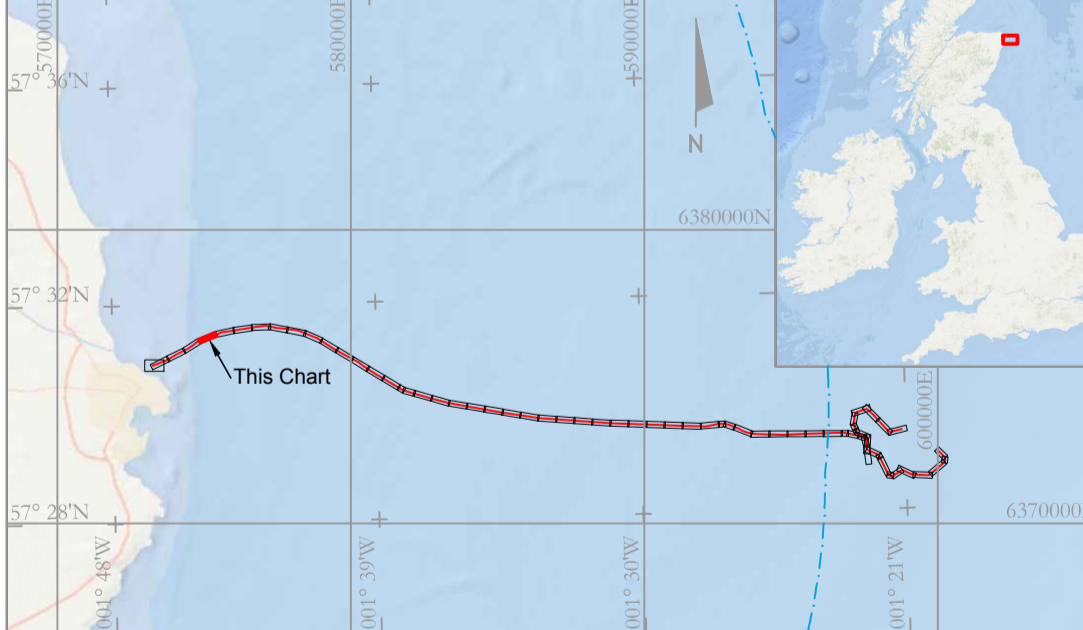


LONGITUDINAL PROFILE WITH SHALLOW GEOLOGY

Unit	Acoustic Characteristics	Geological interpretation
0	Good acoustic penetration. Medium to high reflectivity. Limited to rare internal structure.	Holocene deposits, typically consisting of gravelly silty fine to medium SAND along the cable route and slightly silty fine to medium SAND in proximity to the wind farm areas.
1	Good acoustic penetration. Medium to high reflectivity. Limited to rare internal structure.	Forth Formation, slightly silty to silty, very gravelly, fine to coarse SAND.
2a	Varying degrees of penetration. Low to high reflectivity. Low to high amplitude internal reflectors alternating with transparent sections, occasionally with parallel to sub parallel internal reflectors	Witch Ground Formation - Witch member, very soft to firm, slightly silty, slightly sandy to sandy, slightly gravelly CLAY.
2b	Varying degrees of penetration. Low to high reflectivity. Low to high amplitude internal reflectors alternating with transparent sections, occasionally with parallel to sub parallel internal reflectors	Witch Ground Formation - Fladen member, soft to firm slightly sandy slightly gravelly CLAY.
3a	No acoustic penetration. Top of unit characterised by irregular high amplitude reflector. Associated with mounded numerous boulder areas where outcropping. (Usually indistinguishable from Unit 2 where buried).	Wee Bankie Formation, stiff to hard, slightly sandy gravelly CLAY.
3b	Varying degrees of penetration. Low to high reflectivity. Low to high amplitude near chaotic internal reflectors	Wee Bankie Formation, silty to very silty SAND.
4	No acoustic penetration. Top of unit characterised by irregular reflector of high amplitude.	BEDROCK



INDEX CHART



ENGINEERING DATA

A	Issued For Use	JH	HA	KG	20160712
02	For Client Review	JH	HA	KG	20160614
Revision	Revision Description	Drawn	Checked	Approved	Date
Contractor : <b>MMT</b> MMT Sven Kallifelts Gata 11 SE-426 71 Västra Frölunda Tel: +46 31 762 03 00 Sweden info@mmt.se					
Survey date:	April - May 2016	Project:	2016 Hywind UXO Survey UK EAST COAST		
Horizontal Scale:	1:1000	Title: Alignment Chart KP 1.784 - KP 2.440 Export Cable H55 - Peterhead			
Profile Vertical Scale:	1:40				
Chart size:	ISO A1 - 841 x 594 mm	Report No.	ST16826		
Statoil		Drawing No.	102264-STO-MMT-SUR-DWG-ALEXP004		
		Client Drawing No.	A		
		Revision	A		