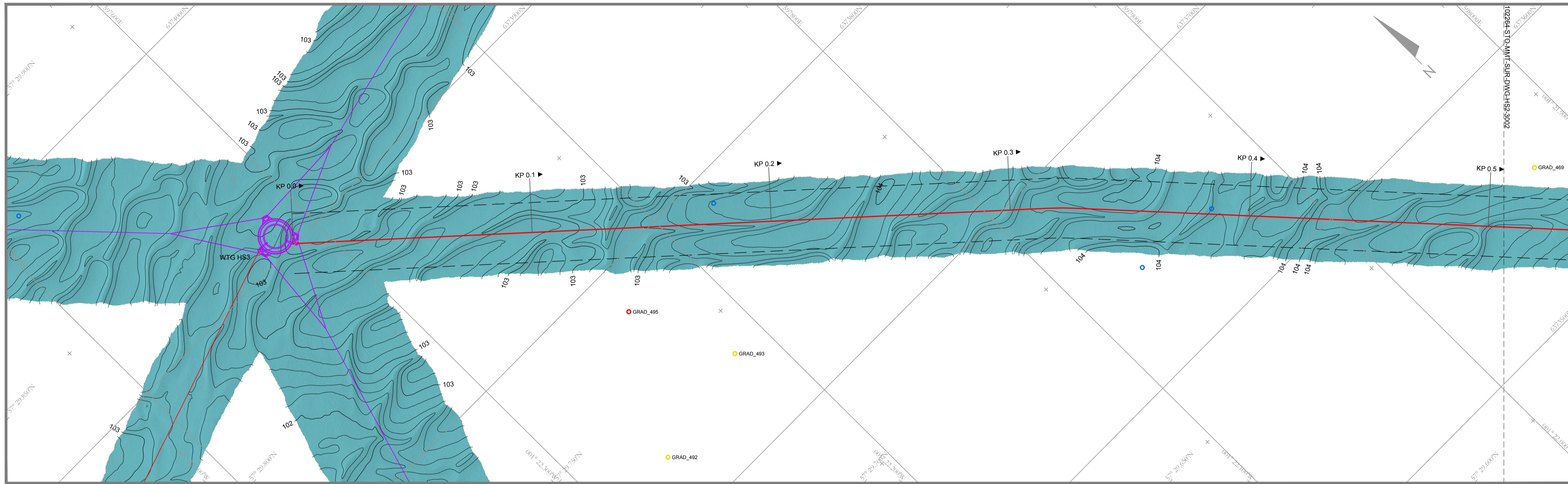


BATHYMETRY - Horizontal Scale 1:1000



SURVEY NOTES

| | |
|------------------------------|---|
| Horizontal Datum | : WGS84, Grid north displayed in charts |
| Projection | : UTM Zone 30 N |
| 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-0005 |
| 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 HPAP 500 |
| ROV | : Kyteideign Supporter |
| INS Primary UW Positioning | : IXSEA ROVINS |
| INS Secondary UW Positioning | : IXSEA Octans 3000 |
| Multibeam Echo Sounder | : Dual F2500c 2024 (200-400 kHz) |
| Side Scan Sonar | : Edgetech 4200 (300000 kHz) |
| Gradiometer | : Innovatum Gradiometer Array (12 sensor) |

LEGEND

| | | |
|-----------|---------------------------------|--|
| — KP 12.5 | — Surveyed Cable Route with KP | --- Matchline to neighbouring chart |
| — | — Adjacent Surveyed Cable Route | — Detected Cables Survey 2013 |
| — | — Geophysical Survey Corridor | — Planned Anchor Lines (client supplied) |
| — | — Territorial Border | — Wind Turbine Generator (client supplied) |

BATHYMETRY

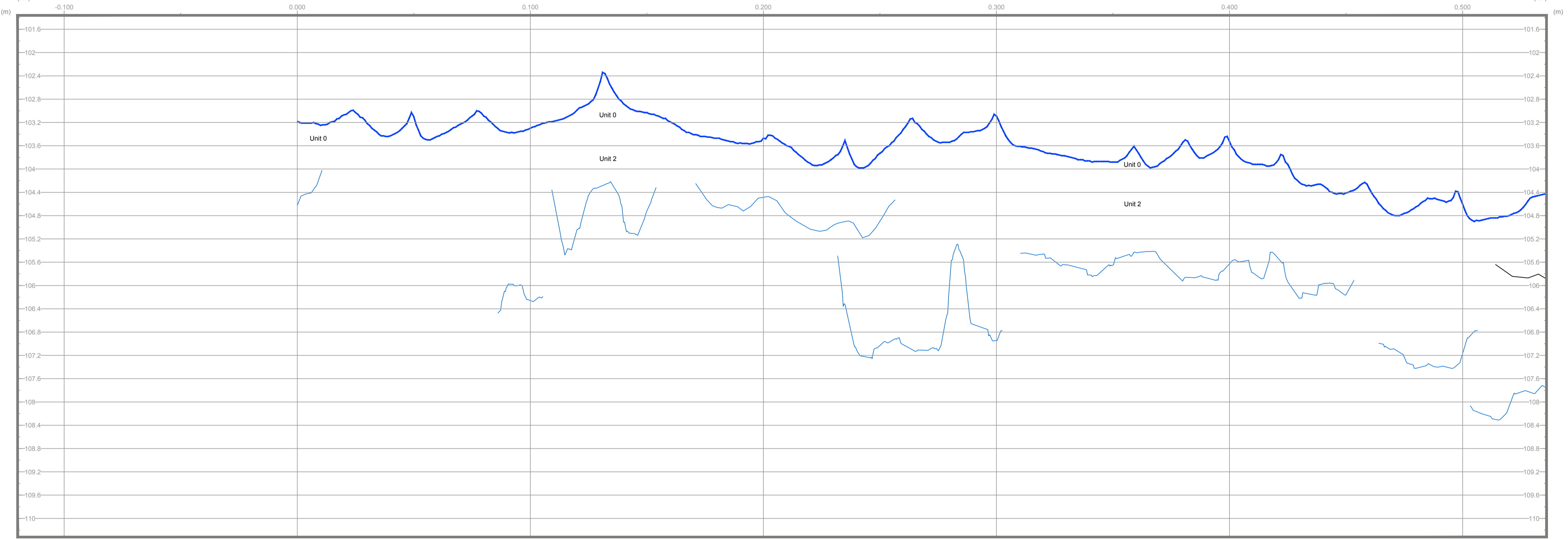
| | | | |
|---|--|------------|---------------------------------|
| — | Water Depth Contour (interval 0.2 m) with labels | ● GRAD_001 | Potential UXO (5-10kg) |
| — | Water Depth Contour (interval 1 m) with labels | ● GRAD_001 | Potential UXO (>10kg) |
| ● | BOR-001 Borehole Location with ID * | ▲ G-001 | ROV Inspected Target with ID ** |
| ▲ | CPT-001 CPT Location 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

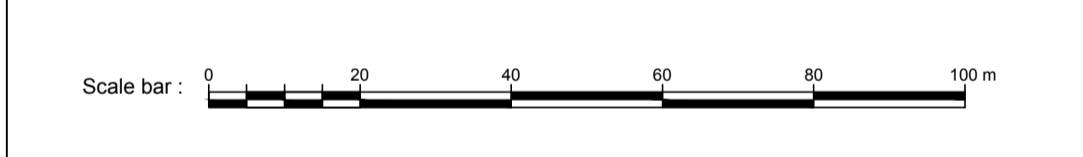
Depths are given in metres and refer to LAT

LONGITUDINAL PROFILE WITH SHALLOW GEOLOGY - Vertical Scale 1:40

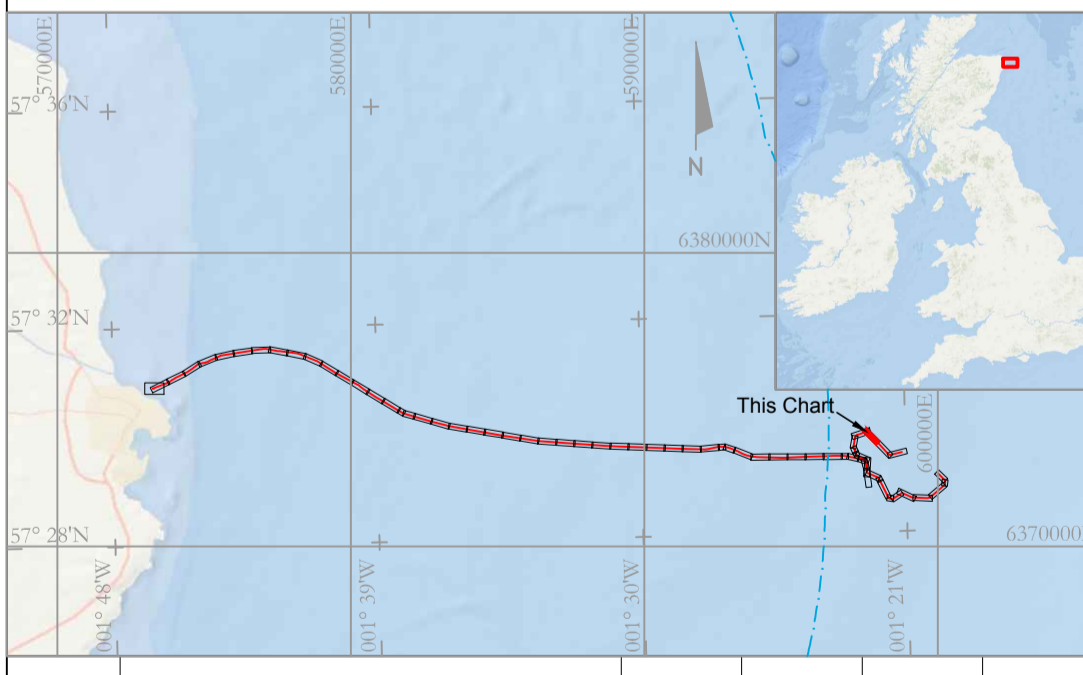


LONGITUDINAL PROFILE WITH SHALLOW GEOLOGY

| 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 area. |
| 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 : MMT | | | | | |
| 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 | | | | |
| Profile Vertical Scale: | 1:40 | | | | |
| Chart size: | ISO A1 - 841 x 594 mm | | | | |
| Report No. | ST16826 | | | | |
| Drawing No. | 102264-STO-MMT-SUR-DWG-HS3-2001 | | | | |
| C178-MMT-G-YA-00045-01 | | A | | | |
| Client Drawing No. | | | Revision | | |

