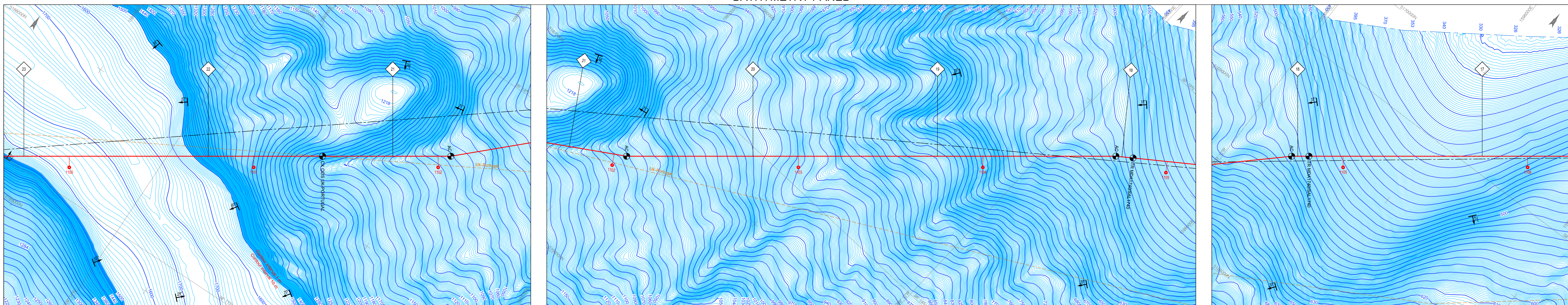


BATHYMETRY PANEL



**CARTOGRAPHIC SYMBOLS**


**BATHYMETRY**


**SEABED FEATURES AND SHALLOW GEOLOGY**

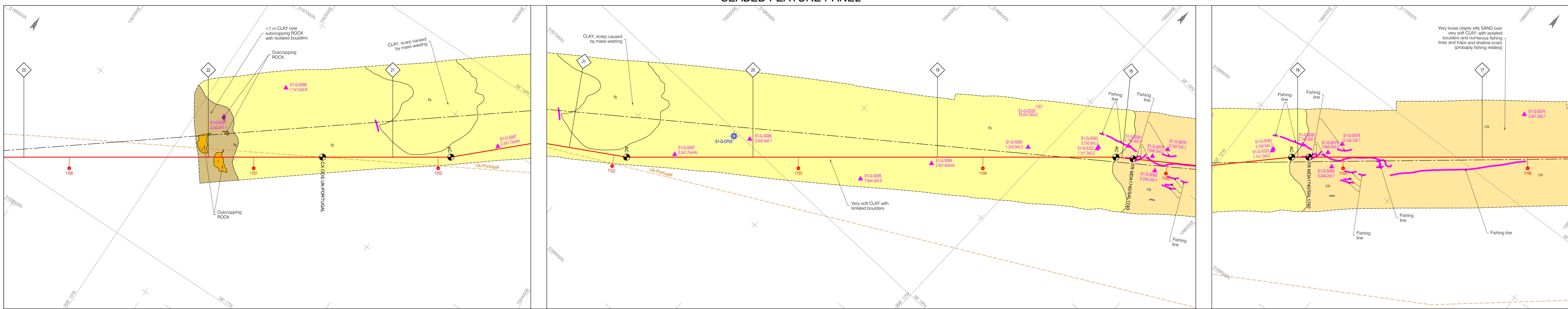

**SHALLOW GEOLOGY PROFILE**


**CHART COMMENTS:**

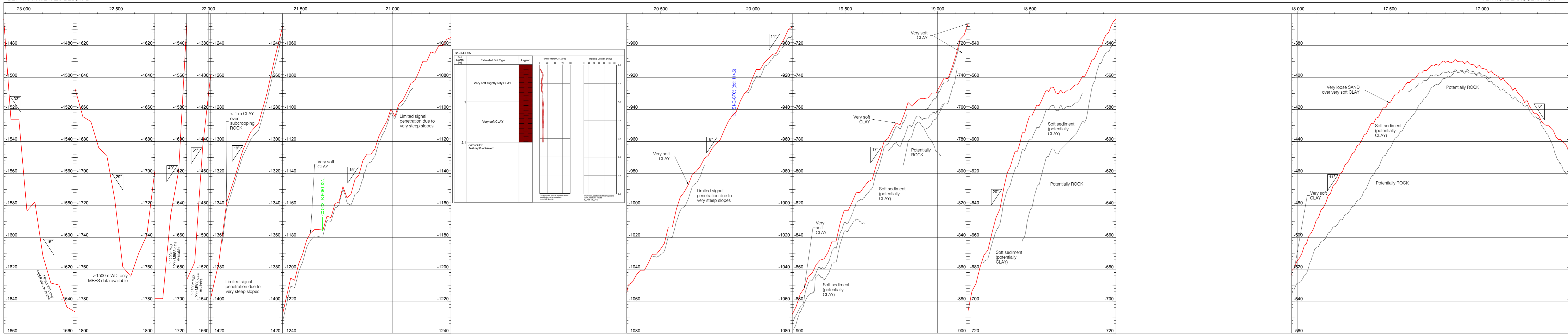
Cable and Pipeline Crossing  
 CX DOS COAX UK-Portugal (PRL), KP: 21.380, water depth: 1170 m, crossing angle: N/A  
 CX DOS COAX UK-Portugal (database), KP: 21.381, water depth: 1170 m, crossing angle: 4°

**Hazardous Charted:**  
 The information charted in this chart is based on the information available at the time of the survey. It is not intended to be used as a substitute for the information contained in the original chart. The information in this chart is not intended to be used as a substitute for the information contained in the original chart. The information in this chart is not intended to be used as a substitute for the information contained in the original chart.

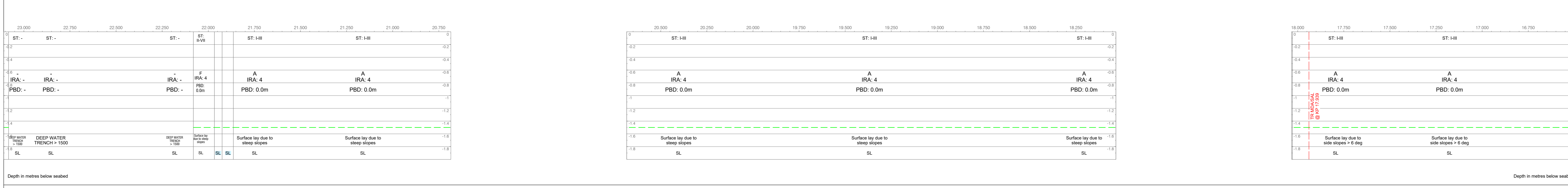
SEABED FEATURE PANEL



SEABED PROFILE AND GEOLOGICAL INFORMATION PANEL



ROUTE ENGINEERING - BURIAL ASSESSMENT



Burial Categories	Installation Risk Assessment (IRA) Categories	Seabed Type Classification for Burial Assessment	Relative Density	Sediment Description
A	1	I	< 20	Typically, very loose SAND/SILT, or very soft CLAY/SILT
B	2	II	20 - 40	Typically, loose SAND/SILT, or soft CLAY/SILT
C	3	III	40 - 75	Typically, medium dense SAND/SILT, or firm SILT/CLAY
D	4	IV	75 - 100	Typically, dense SAND/SILT, or stiff SILT/CLAY
E	5	V	100 - 300	Typically, very dense SAND/SILT, or very stiff CLAY/SILT
F	6	VI	> 300	Weathered bedrock or indurated sediment (partly cemented)
				Rock

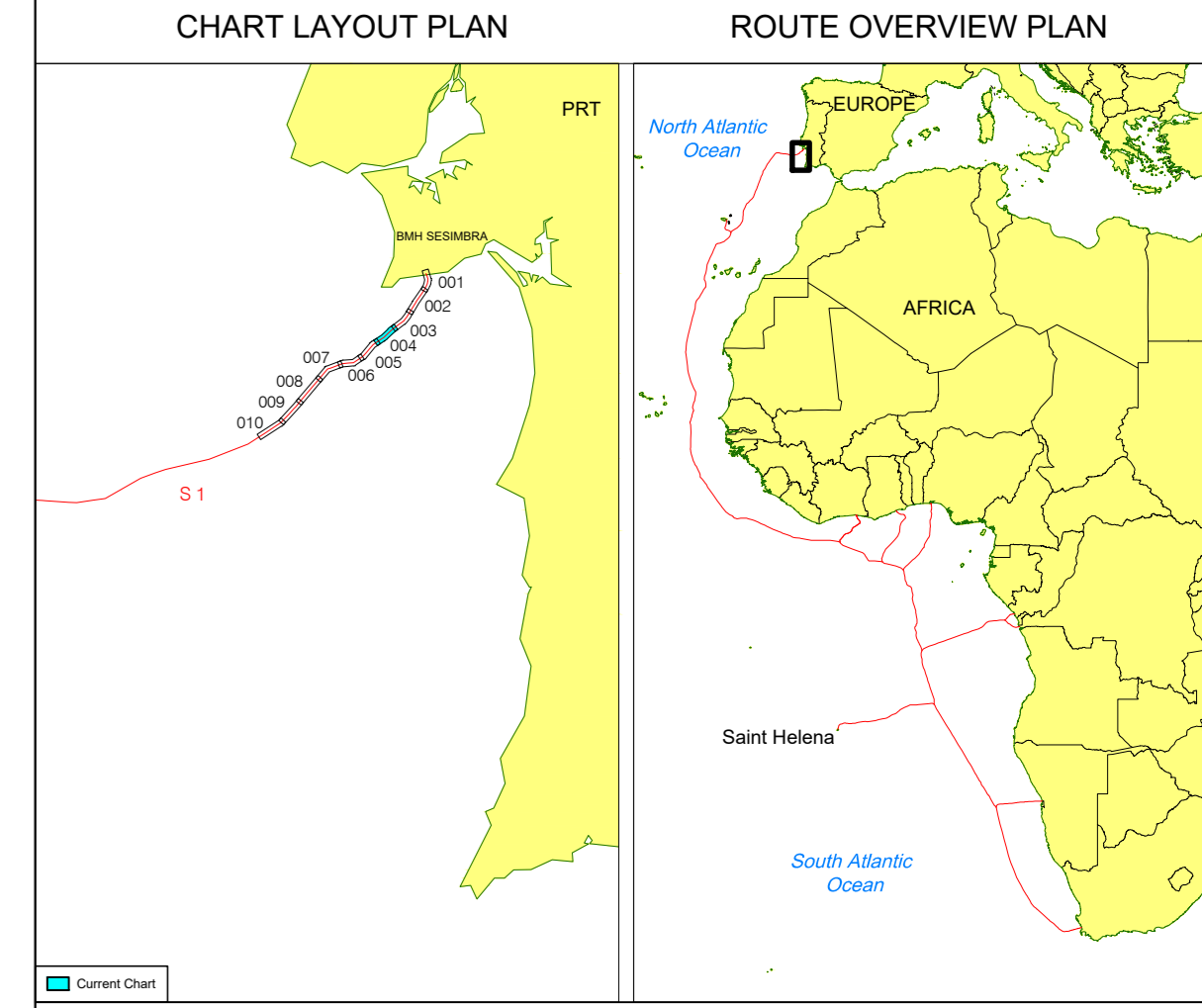
**GENERAL NOTES:**

Survey Vessel: MV Fugro Gauss  
 Navigation Systems: Seapath 3300  
 Underwater Pos. Systems: Koningsloot IHP-351  
 Motion Sensor: Koningsloot EM 122 EM 712  
 Bathymetry: EdgeTech 4200 / Knudsen 3200  
 Magnetotellur: G-862 AR4

**Descriptive Terms and Definitions:**  
 The criteria used for interpretation and descriptions are presented in the Survey Report.  
 Bathymetry & Tide: Depths in metres, reduced to Lowest Astronomical Tide (LAT).

**GEODETIC PARAMETERS:**

Projection: Mercator	Longitude of Origin: 20° W
Date: WGS84	Standard Parallel: 20° N
Semi-Major Axis: 6 378 137 000 m	False Easting: 0 m
Inverse Flattening (1/f): 298 257 222 983	False Northing: 1 000 000 m
	Scale Factor:



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Survey Date: December 2019

Scale: NATURAL SCALE 1 : 10 000 AT 25° N  
 0 200 400 600 1000m

Scale 8664 820837 at mid-latitude of chart

Contractor: **ALCATEL SUBMARIINE NETWORKS**

Surveyor: **FUGRO** Fugro Germany Marine GmbH

Project Name: **EQUIANO**  
 Cable Route Survey

Document Title: **SEGMENT 1**  
 BMH Sesimbra to BU MAD  
 ALIGNMENT CHART NO. 004 OF 010  
 (KP 16.481 to KP 23.110)

2.0	06.03.2020	RMU/IE	KS	BW
1.0	07.02.2020	RMU/IE	KS	BW
0.0	20.12.2019	AB	OV	RY

Revision: **REVISION 2**

BASED UPON: EQUANO ST. BATHYMETRY TO BU MAD, PRR2, 16-JAN-2019

File Name: EQU\_ST\_AS-004\_106