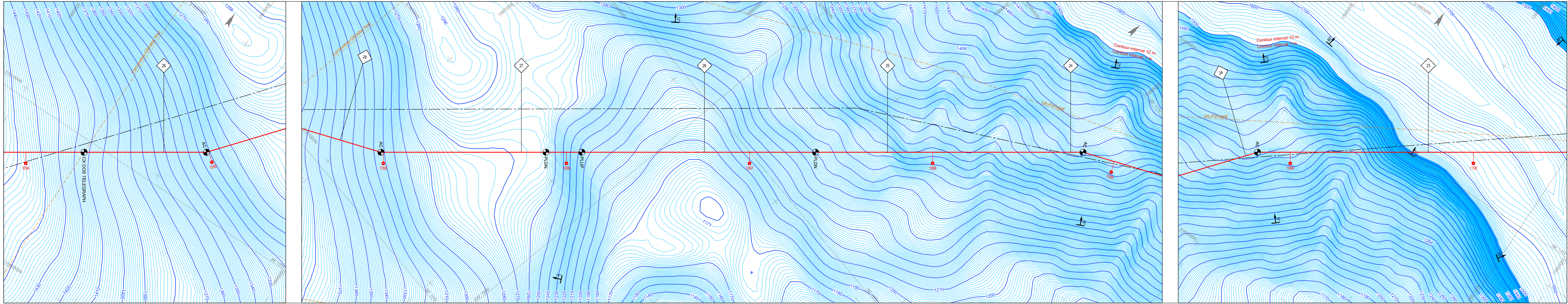
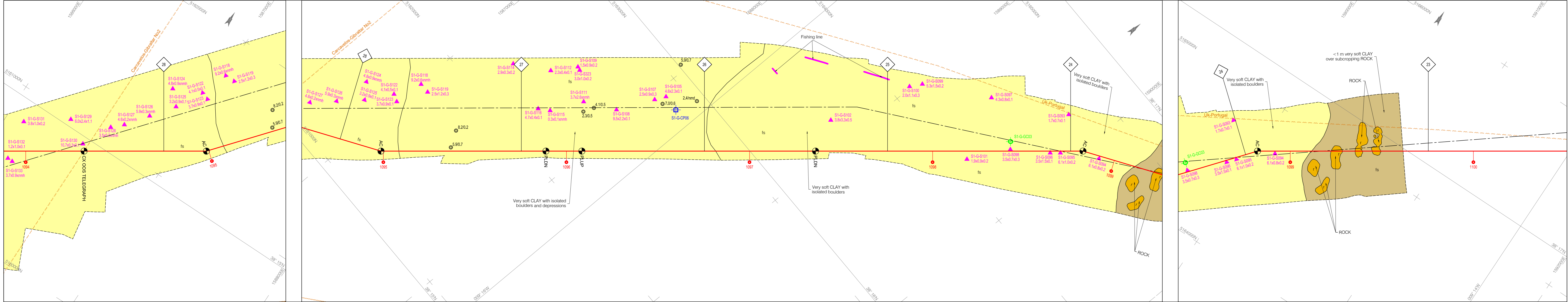


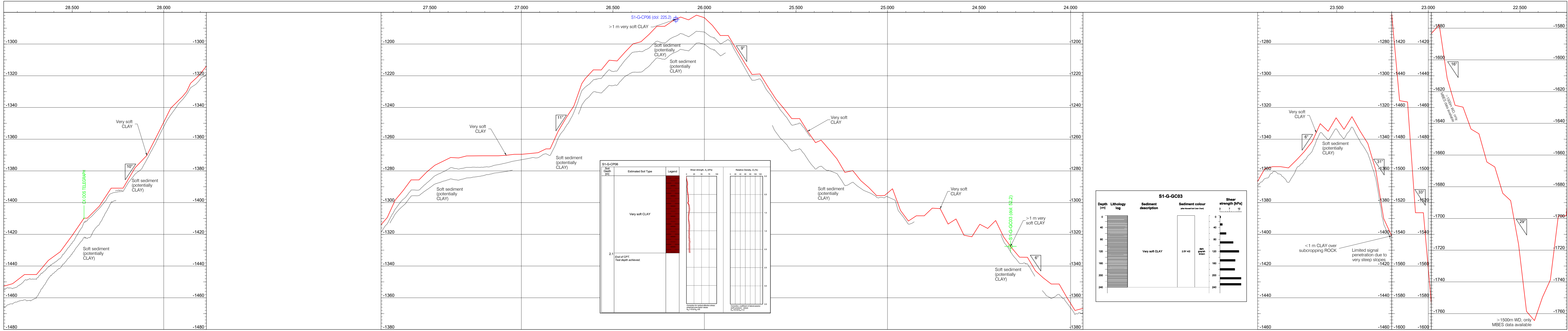
BATHYMETRY PANEL



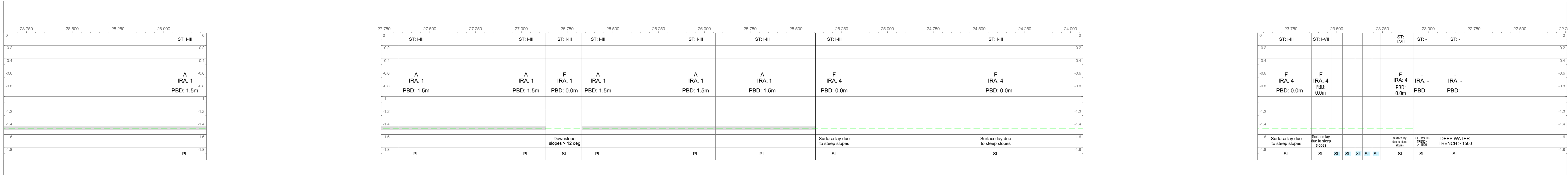
SEABED FEATURE PANEL



SEABED PROFILE AND GEOLOGICAL INFORMATION PANEL

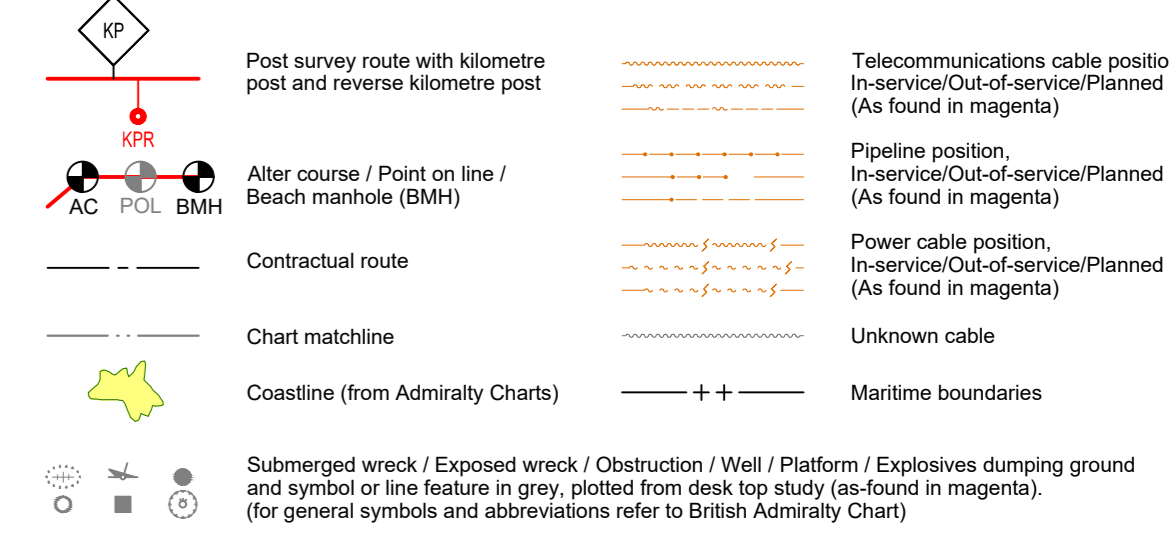


ROUTE ENGINEERING - BURIAL ASSESSMENT

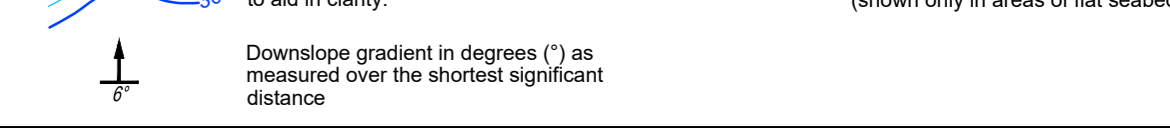


Burial Categories	Installation Risk Assessment (IRA) Categories	Seabed Type Classification for Burial Assessment	Relative Density	Sediment Description
A	IRA 1	I	< 20	Typically, very loose SAND/SILT, or very soft CLAY/SILT
B	IRA 1	II	20 - 40	Typically, loose SAND/SILT, or soft CLAY/SILT
C	IRA 1	III	40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

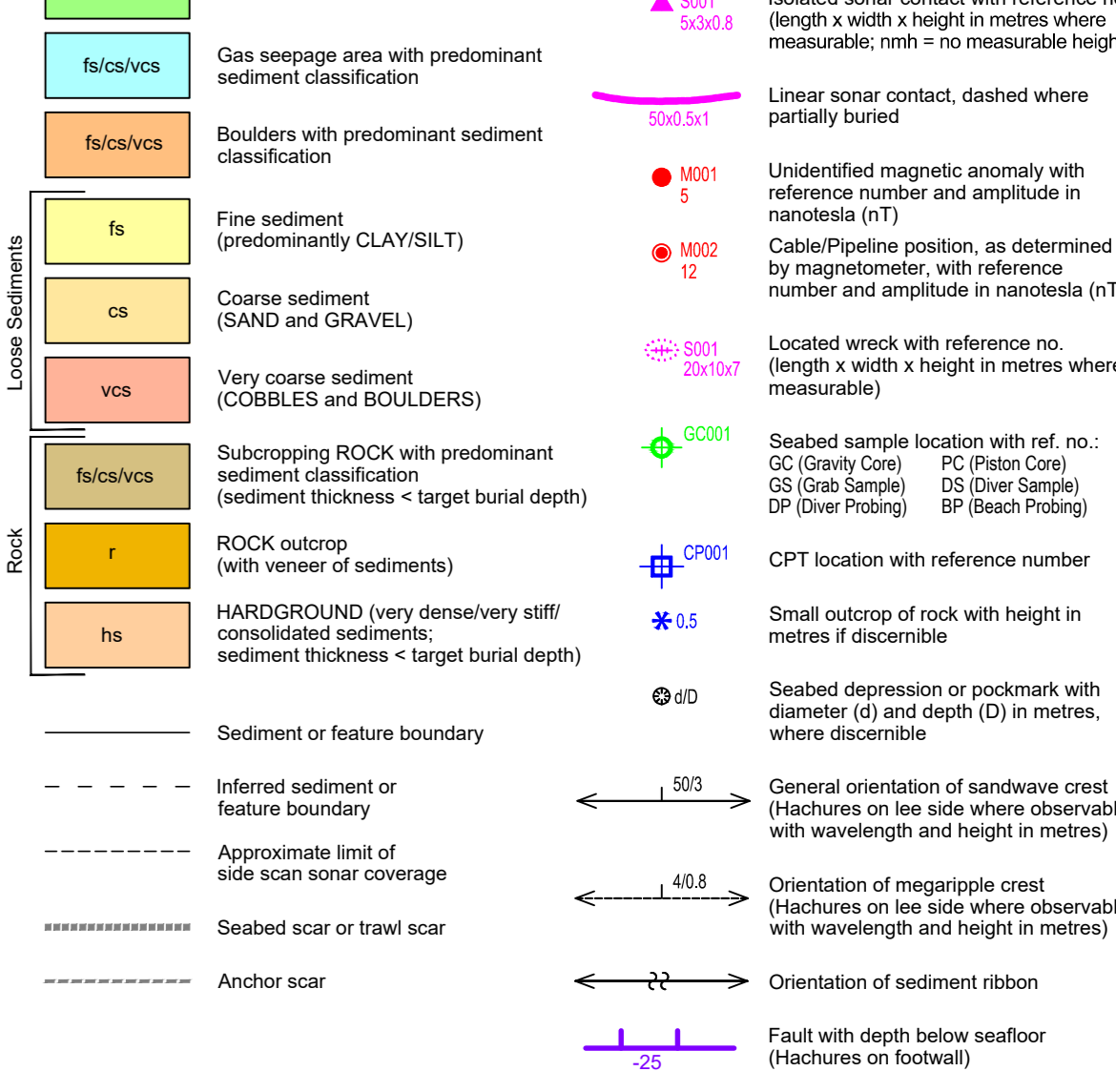
CARTOGRAPHIC SYMBOLS



BATHYMETRY



SEABED FEATURES AND SHALLOW GEOLOGY



SHALLOW GEOLOGY PROFILE



CHART COMMENTS:

Cable and Pipeline Crossing:
 CH-005 TELECOMMUNICATIONS STRAITS No.2 (RPL) database, KP: 28.435, water depth: 1414 m, crossing angle: 57°

Hazards/Remarks:
 Water depth exceeds 1500 m in the northeastern most part of the charted area where the route crosses the base of a canyon. The shallow water survey resumes on the very steep slope to 607' southwestern flank of the canyon. Seabed sediments consist of very soft CLAY with scattered boulders and rock outcroppings. In the southwestern most charted area, the seabed consists of very soft CLAY with scattered boulders and depressions, and isolated fishing gear scattered on the seabed with preferential along slope orientation.

GENERAL NOTES:

Survey Vessel: MV Fugro Gauss
 Navigation Systems: Seapath 3300
 Underwater Pos. Systems: Kongsberg H4P 351
 Motion Sensor: Seapath 3300 incl. MRU 5+
 Bathymetry: Kongsberg EM 122 EM 712
 Seabed Feature / SBP: EdgeTech 420V / Kongsberg 3200
 Magnetometer: G-862 AR4

Descriptive Terms and Definitions:
 The criteria used for interpretation and descriptions are presented in the Survey Report.

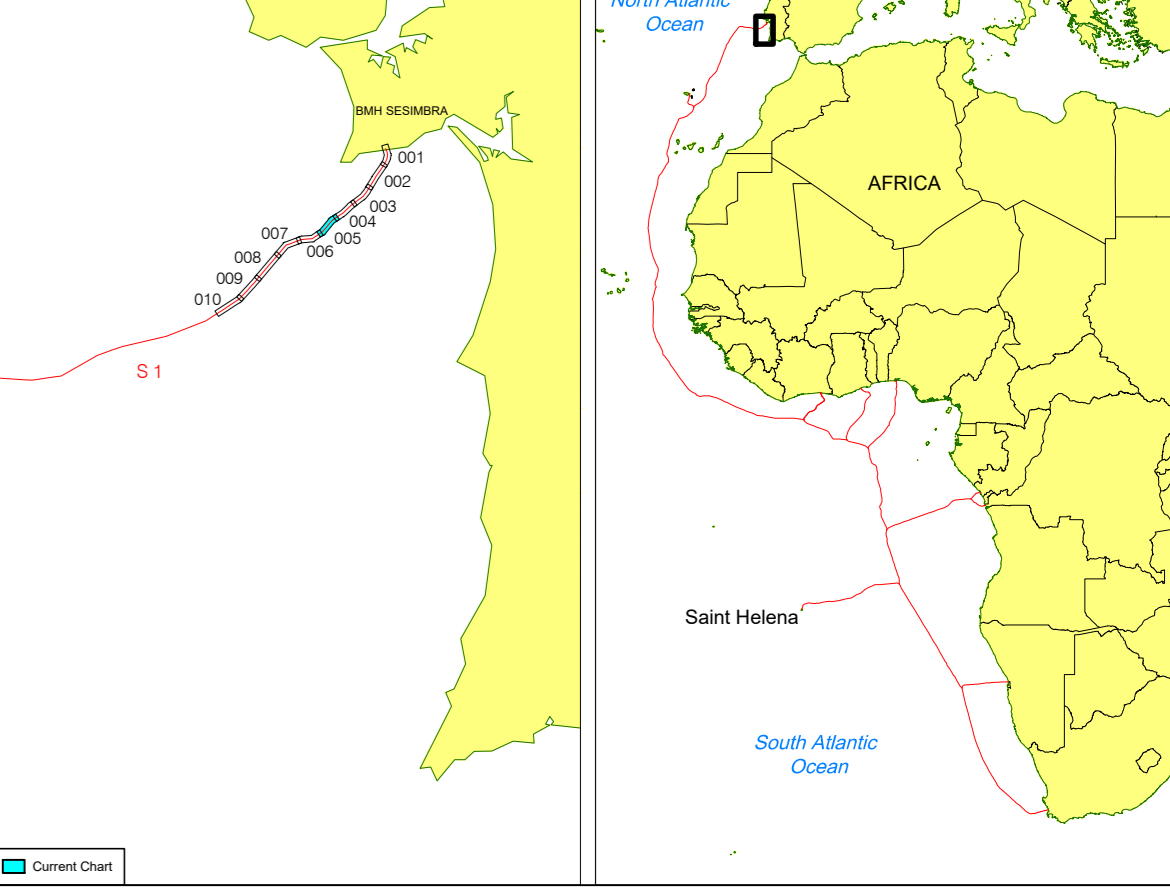
Bathymetry & Tide:
 Depths in metres, reduced to Lowest Astronomical Tide (LAT).

GEODETIC PARAMETERS:

Projection: Mercator
 Datum: WGS84
 Semi-Major Axis: 6 378 137 000 m
 Inverse Flattening (1/f): 298 257 222 965 (Up to RPD 16-JAN-2016)

Longitude of Origin: 25° W
 Standard Parallel: 25° N
 False Easting: 0 m
 False Northing: 1 000 000 m
 Scale Factor: 1

CHART LAYOUT PLAN



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Survey Date: December 2019

Scale: NATURAL SCALE 1 : 10 000 AT 25° N
 Scale 8668.890622 at mid-latitude of chart

Contractor: ALCATEL SUBMARINE NETWORKS

Surveyor: Fugro Germany Marine GmbH

Project Name: EQUIANO Cable Route Survey

Document Title: SEGMENT 1
 BMH Sesimbra to BU MAD
 ALIGNMENT CHART NO. 005 OF 010
 (KP 22.243 to KP 28.875)

Rev	Date	Prepared by	Checked by	Approved by
2.0	06.03.2020	RMJ/IE	KS	BW
1.0	07.02.2020	RMJ/IE	KS	BW
0.0	20.12.2019	AB	OV	RY

REVISION 2