

CARTOGRAPHIC SYMBOLS

- Post Survey Route with kilometre post and reverse kilometre post
- Beach Mark
- Alter Course
- Survey Route
- Coastline (from Admiralty Charts)
- Telecommunications cable position, in Service/Out of Service/Planned (As found in magenta)
- Pipeline position, in Service/Out of Service/Planned (As found in magenta)
- Power cable position, in Service/Out of Service (As found in magenta)
- Chart Matchline
- Territorial Sea / EEZ limit

BATHYMETRY

- Bathymetric contours in metres. Contour interval may be reduced to aid in clarity. All bathymetry reduced to Lowest Astronomical Tide (LAT)
- Approximate limit of swath bathymetry coverage (shown only in areas of full swath)
- Downslope gradient in degrees (°) as measured over the shortest significant distance

SEABED FEATURES AND SHALLOW GEOLOGY

cor	Coral	SC01	Isolated sonar contact with reference number (length x width x height in metres where measurable; n/m = no measurable height)
fac/vcs	Gas seepage area with predominant sediment classification	40/100	Linear sonar contact, dashed where partially buried
fac/vcs	Boulders with predominant sediment classification	MC01	Unidentified magnetic anomaly with reference number and amplitude
fs	Fine sediment (predominantly CLAY/SILT)	GC01	Cable/Pipeline position, as determined by magnetometer with reference number and amplitude
cs	Coarse sediment (SAND and GRAVEL)	GC01	Seabed sample location with reference number: GC (Pinger Core), GS (Sub Sample), DS (Diver Sample), DP (Diver Probing), SP (Beach Probing)
vcs	Very coarse sediment (COBBLES and BOULDERS)	MC01	Metric (CP) Location with reference number
fs/vcs	Subcragging ROCK with predominant sediment classification (sediment thickness = target burial depth)	15	Small outcrop of rock with height in metres if discernible
r	ROCK outcrop	15	Subsea DEPRESSION or ROCKMARK with diameter (d) and depth (D) in metres, where discernible
ha	HARDGROUND (Very dense/flocculated sediment)	15	Orientation of SANDWAVE crest (with wavelength and height in metres)

Other symbols include: Inferred Sediment or Feature Boundary, Approximate limit of side scan sonar coverage and survey swath, Seabed scar (trawl or anchor), Charted or reported wreck, Dumping ground database position, Wall / Platform, and Of Concession Blank.

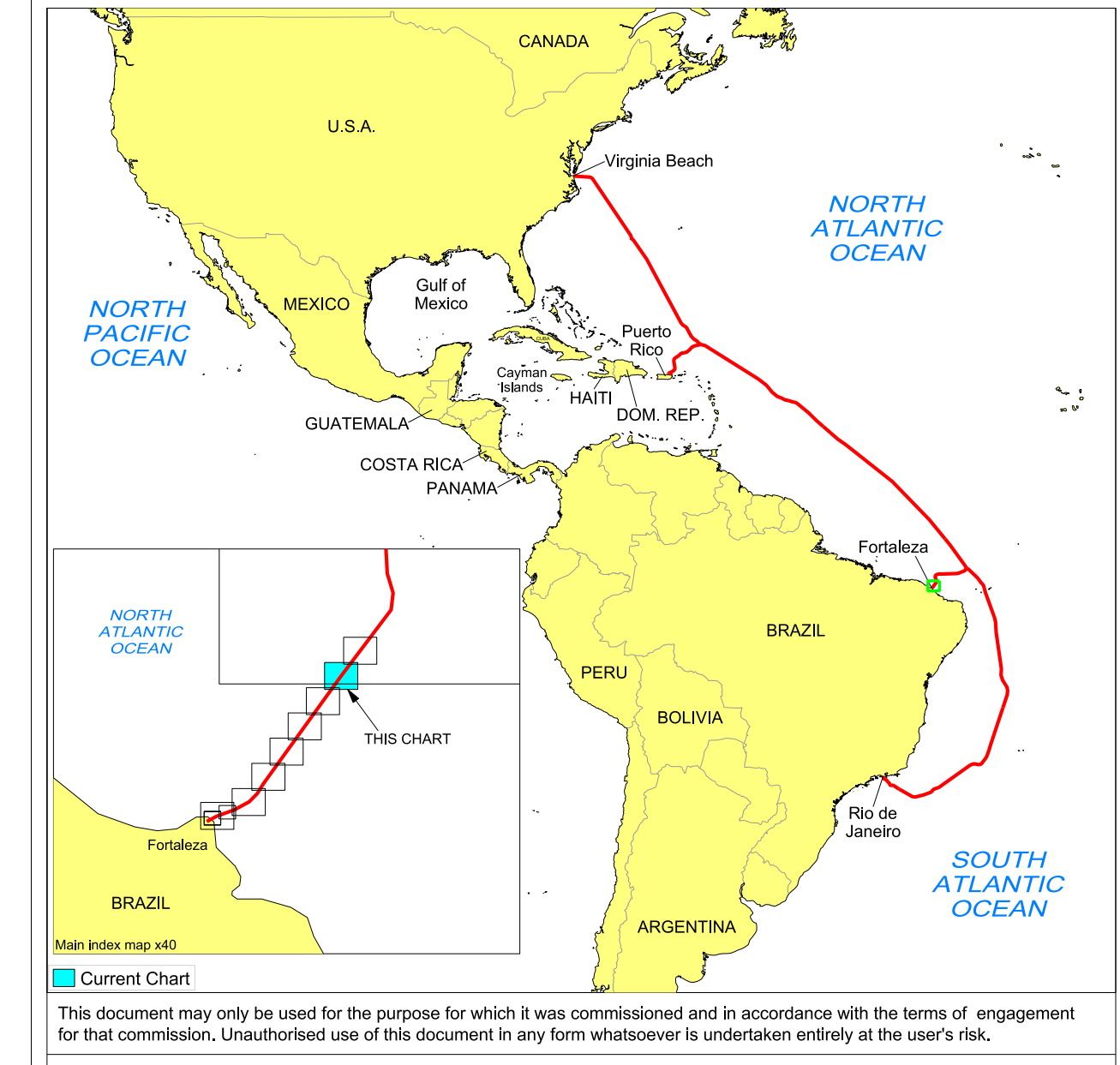
CHART COMMENT:

GENERAL NOTES:

SURVEY VESSEL: M.V. Ocean Endeavour
Surface positioning system: FURU Starfix HP 2000SS
Bathymetry: Kongsberg EM102, Kongsberg EM300, Kongsberg S400 Combi

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

GEODETTIC PARAMETERS:
 Projection: MERCATOR
 Longitude of Origin: 53°W
 Standard Parallel: 7°N
 Semi-Major Axis (a) (metres): 6378137.000
 Reciprocal Flattening (1/f): 298.257222563
 Scale Factor: 1
 Datum: WGS84
 False Easting: 3 000 000
 False Northing: 5 000 000



Survey Date: SEPTEMBER 2016

Scale: **NATURAL SCALE 1 : 10,000 at 7°N**

(At Mid-Latitude of Chart) TRUE SCALE 1:10007.47

Contractor: **Atcatel-Lucent**

Surveyor: **Gardline**

Project Name: **BRUSA CABLE ROUTE SURVEY**

Document Title: **SEGMENT 6 NORTH UP CHART CHART NO. 010 OF 017 (KP 54.379 - KP 63.723)**

01	30.09.2016	HH	SK	CB
Rev	Date	Prepared by	Checked by	Approved by

ROUTE BASED UPON: BRUSA S6.PSR08 File Name: BRUSA.S6.NU010

REVISION 1.1