

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)
	Downslope gradient in degrees (°) as measured over the shortest significant distance
	Approximate limit of swath bathymetry coverage (shown only in areas of full swath)

SEABED FEATURES AND SHALLOW GEOLOGY	
	Coral
	Gas seepage area with predominant sediment classification
	Boulder with predominant sediment classification
	Fine sediment (predominantly CLAY/SILT)
	Coarse sediment (SAND and GRAVEL)
	Very coarse sediment (COBBLES and BOULDERS)
	Subtopping ROCK with predominant sediment classification (sediment thickness = target burial depth)
	ROCK outcrop
	HARDGROUND (Very dense/consolidated sediment)
	Isolated sonar contact with reference number (length x width x height in metres where measurable; n/n = no measurable height)
	Linear sonar contact, dashed where partially buried
	Unidentified magnetic anomaly with reference number and amplitude
	Cable/Pipeline position, as determined by magnetometer, with reference number and amplitude
	Seabed sample location with reference number: GC (Piston Core), GS (Grab Sample), DS (Diver Sample), DP (Dredge Probing), SP (Beam Probing)
	MeCPT (CP), Location with reference number
	Small outcrop of rock with height in metres if discernible
	Seabed DEPRESSION or ROCKMARK with diameter (d) and depth (D) in metres, where discernible
	Orientation of SANDWAVE crest (with wavelength and height in metres)
	Orientation of MEGARIPPLE crest (with wavelength and height in metres)
	Orientation of sediment ribbon
	Fault with depth below seafloor (fractures on down side)
	Charted or reported wreck
	Isobath Contours shown at 1m interval with labels every 1m
	Located wreck with reference no. (length x width x height in metres where measurable)
	Anchorage Area / Fishing Area (Admiralty chart position)
	Anchorage / Fishing Prohibited (Admiralty chart position)

CHART COMMENT:

GENERAL NOTES:

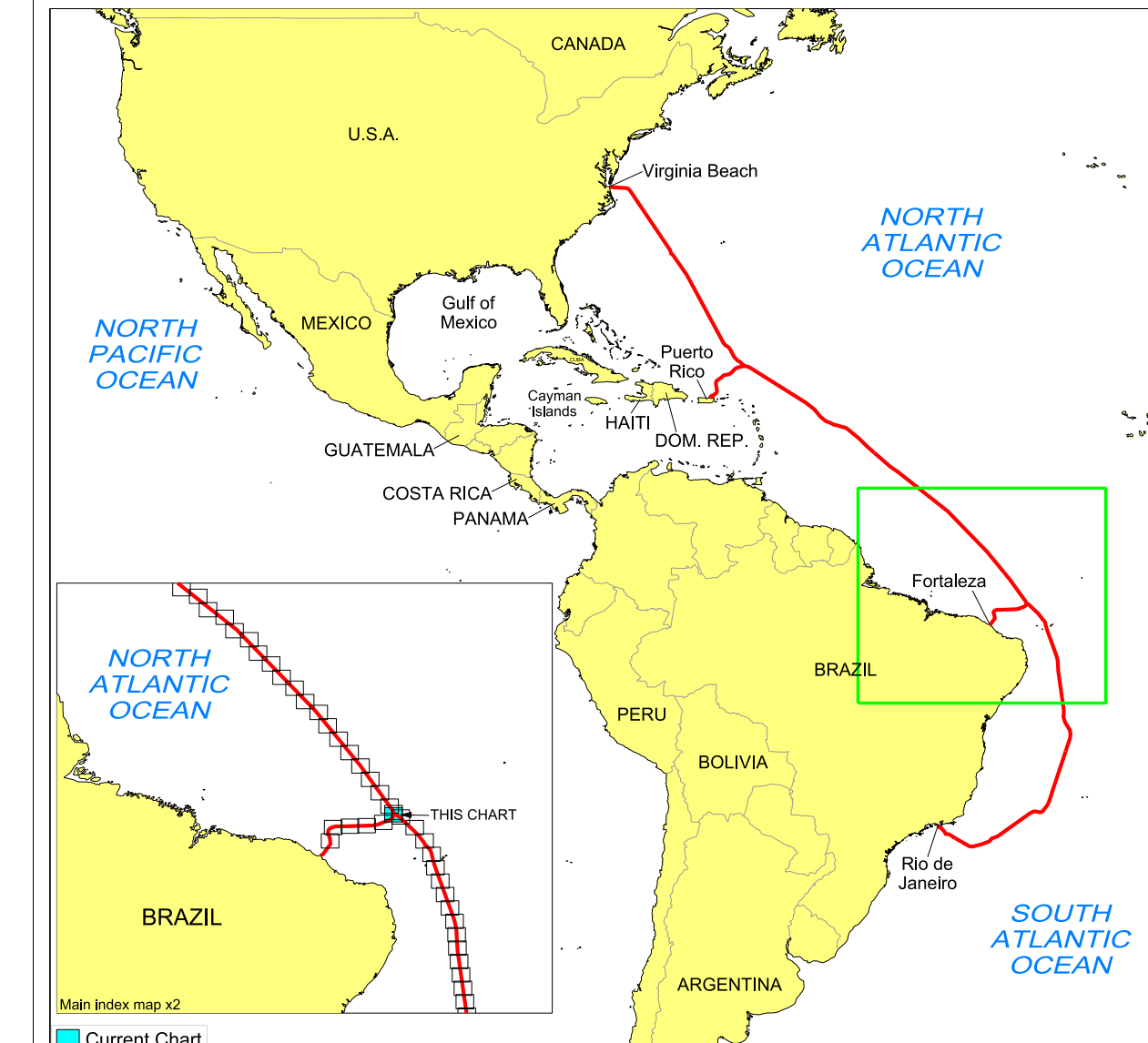
SURVEY VESSEL: M.V. Ocean Endeavour
 Surface positioning system: Fuga Starfix HP 3065S
 Bathymetry: Kongsberg EM102, Kongsberg EM121, Kongsberg S400 Comb

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

GEODETIC PARAMETERS:

Projection: MERCATOR
 Longitude of Origin: 53°W
 Standard Parallel: 7°N
 Semi-Major Axis (a) (metres): 6378137.000
 Reciprocal Flattening (1/f): 298.257223563

Scale Factor: 1
 Datum: WGS84
 False Easting: 3 000 000
 False Northing: 5 000 000



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Survey Date: SEPTEMBER 2016

Scale: **NATURAL SCALE 1 : 100,000 at 7°N**

(At Mid-Latitude of Chart TRUE SCALE 1:100706.47)

Contractor: **Alcatel-Lucent**

Surveyor: **Gardline**

Project Name: **BRUSA CABLE ROUTE SURVEY**

Document Title: **SEGMENT 6 NORTH UP CHART CHART NO. 017 OF 017 (KP 490.306 - KP 582.325)**

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

REVISION 1.1

ROUTE BASED UPON: BRUSA S6.PSR08 File Name: BRUSA.S6.NU017