

### CARTOGRAPHIC SYMBOLS

	Post Survey Route with kilometre post and reverse kilometre post (As found in magenta)		Telecommunications cable position, In service, Out of Service/Planned (As found in magenta)
	Beach Mark/Alter Course		Pipeline position, In Service/Out of Service (As found in magenta)
	Survey Route		Power cable position, In Service/Out of Service (As found in magenta)
	Coastline (from Admiralty Charts)		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

	Coral		Isolated sonar contact with reference number (length x width x height in metres where measurable; n/m = no measurable height)
	Gas seepage area with predominant sediment classification		Linear sonar contact, dashed where partially buried
	Boulders with predominant sediment classification		Unidentified magnetic anomaly with reference number and amplitude
	Fine sediment (predominantly CLAY/SILT)		Cable/Pipeline position, as determined by magnetometer, with reference number and amplitude
	Coarse sediment (SAND and GRAVEL)		Seabed sample location with reference number: GC (Piston Core), GS (Grab Sample), DS (Diver Sample), DP (Diver Probing), SP (Spear Probing)
	Very coarse sediment (COBBLES and BOULDERS)		Mn/CPT (CPT), Location with reference number
	Submerged ROCK with predominant sediment classification (bedrock thickness + target burial depth)		Small outcrop of rock with height in metres if discernible
	ROCK outcrop		Submerged DEPRESSION or POCHMARK with diameter (d) and depth (D) in metres, where discernible
	HARDGROUND (Very dense/consolidated sediment)		Orientation of SANDWAVE crest (with wavelength and height in metres)
	Sediment or feature boundary		Orientation of MEGARIPPLE crest (with wavelength and height in metres)
	Inferred Sediment or Feature Boundary		Orientation of sediment ribbon
	Approximate limit of side scan sonar coverage and survey swath		Fault with depth below seafloor (fractures on down slope)
	Seabed scar (trawl or anchor)		Charted or reported wreck
	Dumping ground database position		Isobath Contours shown at 1m interval with labels every 1m
	Wall / Platform		Located wreck with reference no. (length x width x height in metres where measurable)
	OT Concession Block		Anchorage Area / Fishing Area (Admiralty chart position)
			Anchorage / Fishing Prohibited (Admiralty chart position)

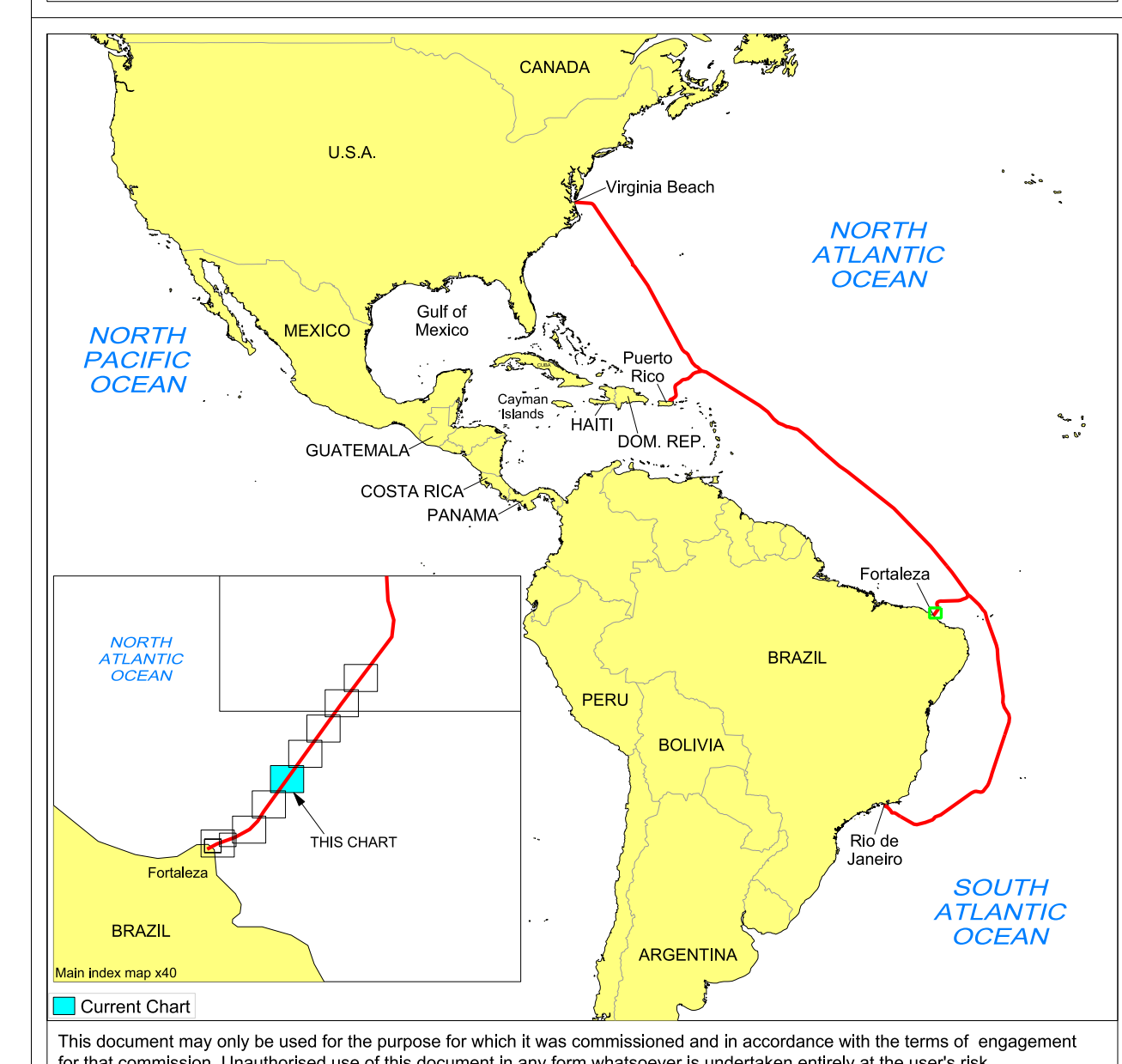
### CHART COMMENT:

GENERAL NOTES:  
 SURVEY VESSEL: M.V. Ocean Endeavour  
 SURFACE POSITIONING SYSTEM: FURU Starfix HP 3000SS  
 BATHYMETRY: Kongsberg EM102, Kongsberg EM122, Kongsberg S400 Combi

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

### GEODETIC PARAMETERS:

Projection: MERCATOR	Scale Factor: 1
Longitude of Origin: 53°W	Date: WGS84
Standard Parallel: 7°N	False Easting: 3 000 000
Semi-Major Axis (a) (metres): 6378137.000	False Northing: 5 000 000
Reciprocal Flattening (1/f): 298.257223563	



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Survey Date: SEPTEMBER 2016

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

Contractor: **Alcatel-Lucent**

Surveyor: **Gardline**

Project Name: **BRUSA CABLE ROUTE SURVEY**

Document Title: **SEGMENT 6 NORTH UP CHART CHART NO. 007 OF 017 (KP 27.088 - KP 36.857)**

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ROUTE BASED UPON: BRUSA S6.PSR08 File Name: BRUSA.S6.NU007