

### CARTOGRAPHIC SYMBOLS

	Post Survey Route with kilometre post and reverse kilometre post		Telecommunications cable position, in service, Out of Service/Planned (As found in magenta)
	Beach Marking		Pipeline position
	Alter Course		Service Out of Service/Planned (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)

### SEABED FEATURES AND SHALLOW GEOLOGY

	Coral		Isolated sonar contact with reference number (length x width x height in metres where measurable; n/n = 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 (Pilot Core), GS (Grab Sample), DS (Diver Sample), DP (Diver Probing), SP (Beach Probing)
	Very coarse sediment (COBBLES and BOULDERS)		MAGNET (M), Location with reference number
	Subsiding ROCK with predominant sediment classification (sediment thickness = target burial depth)		Small outcrop of rock with height in metres if discernible
	ROCK outcrop		Subsided DEPRESSION or POCKMARK with diameter (d) and depth (D) in metres, where discernible
	HARDGROUND (Very dense/Unconsolidated 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 (fluctures on down side)
	Seabed scar (trawl or anchor)		Charted or reported wreck
	Charted or reported wreck		Dumping ground database position
	Dumping ground database position		Wall / Platform
	Wall / Platform		Anchorage Area / Fishing Area (Admiralty chart position)
	OT Concession Block		Anchorage / Fishing Prohibited (Admiralty chart position)

### CHART COMMENT:

### GENERAL NOTES:

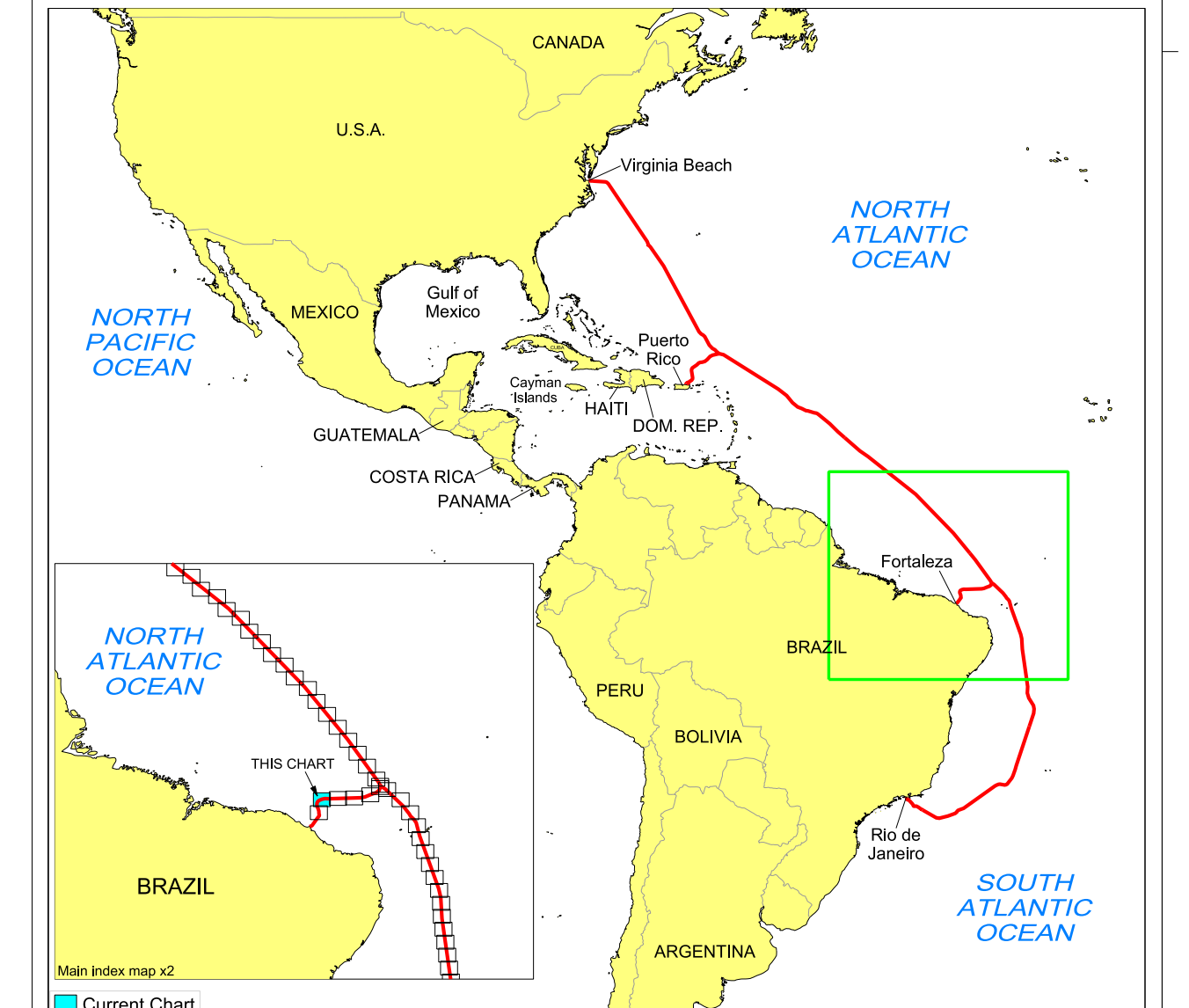
SURVEY VESSEL: M.V. Ocean Endeavour  
 SURFACE POSITIONING SYSTEM: Fuga Starlink HP 308555  
 BATHYMETRY: Kongsberg EM102, Kongsberg EM122, Kongsberg S400 Combi

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

### GEODETIC PARAMETERS:

Projection: MERCATOR  
 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



Survey Date: SEPTEMBER 2016

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

(At Mid-Latitude of Chart) TRUE SCALE 1:100661.46

Contractor: **Acatel-Lucent**

Surveyor: **Gardline**

Project Name: **BRUSA CABLE ROUTE SURVEY**

Document Title: **SEGMENT 6 NORTH UP CHART CHART NO. 013 OF 017 (KP 140.345 - KP 252.716)**

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.NU013

**REVISION 1.1**