

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, in Service/Out of Service/Planned (As found in magenta)
	Alter Course		Power cable position, in Service/Out of Service (As found in magenta)
	Survey Route		Chart Matchline
	Coastline (from Admiralty Charts)		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		Isolated sonar contact with reference number (length x width x height in metres where measurable; mm = 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 (Beach Probing)
	Very coarse sediment (COBBLES and BOULDERS)		MISCPT (CPT), 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)		Anchorage Area / Fishing Area (Admiralty chart position)

Orientation of SANDWAVE crest (with wavelength and height in metres): 1/50/2

Orientation of MEGARIPPLE crest (with wavelength and height in metres): 4/0.8

Orientation of sediment ribbon: 2/2

Fault with depth below seafloor (fractures on down side): -25

Isophac contours shown at: 1m interval with labels every 1m

Located wreck with reference no. (length x width x height in metres where measurable): 5200/29/07

Anchorage Area / Fishing Area (Admiralty chart position): 2/0

Anchorage / Fishing Prohibited (Admiralty chart position): 2/0

CHART COMMENT:

Isolated sonar contact with reference number (length x width x height in metres where measurable; mm = 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 (Diver Probing), SP (Beach Probing)

MISCPT (CPT), Location with reference number

Small outcrop of rock with height in metres if discernible

Subsided DEPRESSION or POCKMARK with diameter (d) and depth (D) in metres, where discernible

Anchorage Area / Fishing Area (Admiralty chart position)

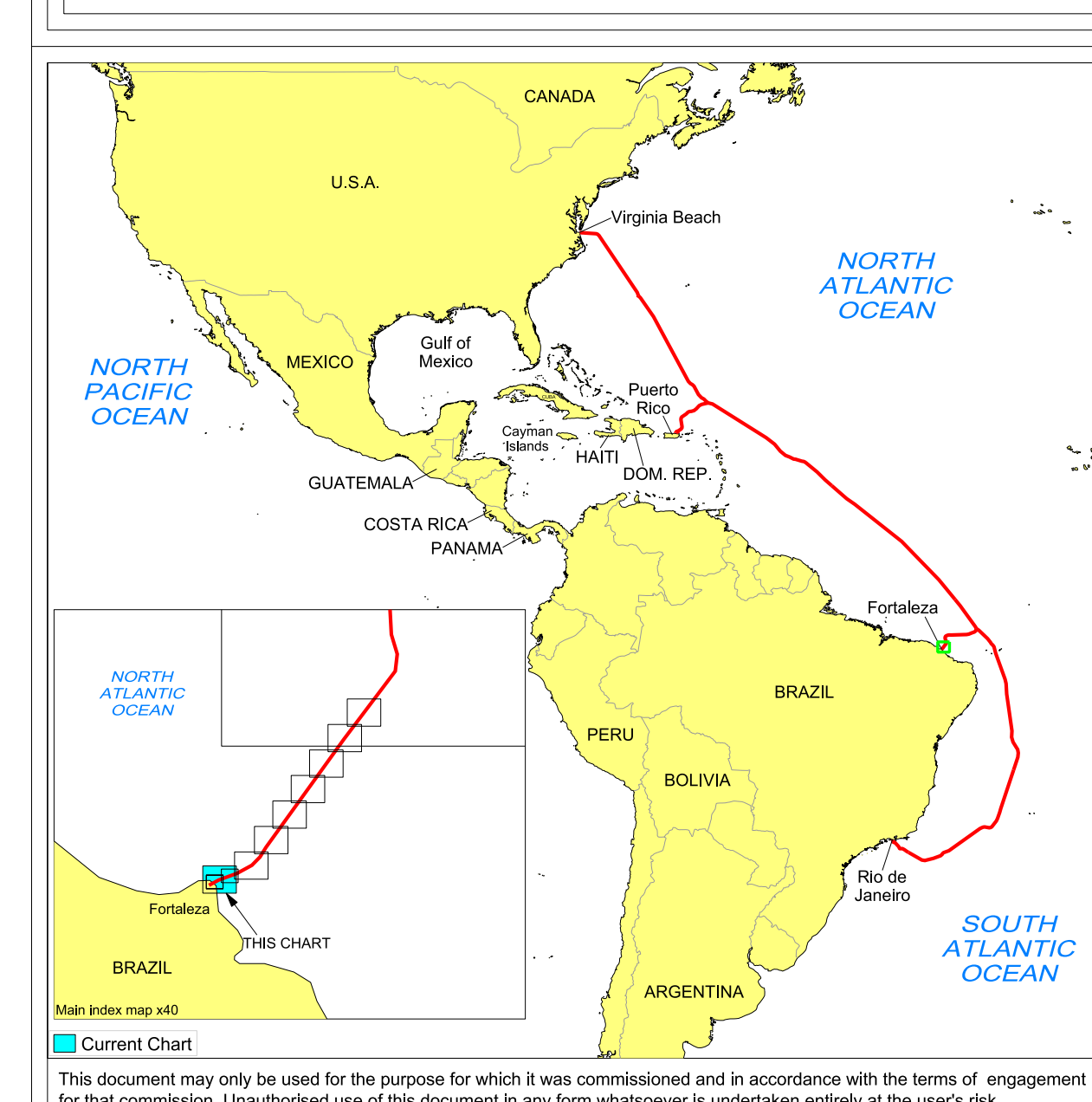
Anchorage / Fishing Prohibited (Admiralty chart position)

GENERAL NOTES:

SURVEY VESSEL: M.V. Ocean Endeavour
Surface positioning system: Fignis Starlink HP 3065SS
Bathymetry: Kongsberg EM102, Kongsberg EM120, Kongsberg S400 Combi

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

GEOIDETIC 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 : 10,000 at 7°N**

(At Mid-Latitude of Chart) TRUE SCALE 1:10000.0

Contractor: **Atcatel-Lucent**

Surveyor: **Gardline**

Project Name: **BRUSA CABLE ROUTE SURVEY**

Document Title: **SEGMENT 6 NORTH UP CHART CHART NO. 004 OF 017 (KP 0.000 - KP 8.727)**

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.NU004