

UNDERSEA FEATURE NAME PROPOSAL

Name Proposed:	Rio Grande Leste Plateau	Ocean or Sea: Atlantic Ocean
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Geometry that best defines the feature (Yes/No) :						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
Yes		Yes				

* Geometry should be clearly distinguished when providing the coordinates below'

	Lat.	Long.
Coordinates:	(Central Point) 30°19.85'S	(Central Point) 29°37.77'W
	27°56.05'S	33°12.15'W
	28°26.52'S	34°00.32'W
	27°38.40'S	31°27.47'W
	27°53.75'S	31°34.87'W
	28°16.70'S	32°18.00'W
	27°58.12'S	30°28.30'W
	28°43.92'S	28°32.45'W
	29°45.53'S	28°17.65'W
	31°21.40'S	28°36.17'W
	33°08.37'S	28°13.96'W
	33°00.38'S	29°25.96'W
	32°22.62'S	31°09.17'W
	30°29.47'S	30°38.17'W
	29°11.02'S	31°53.35'W
	29°31.53'S	33°24.57'W

Feature Description:	Maximum Depth: -5305 m	Steepness:
	Minimum Depth: -1696 m	Shape: Elliptical, elongated. N-S direction.
	Total Relief:	Dimension/Size: 630 Km x 701 Km (Approximately)

Associated Features: Rio Grande Plateau and Cruzeiro do Sul Rift.

Chart/Map References:	Shown Named on Map/Chart: Shown Unnamed on Map/Chart: Within Area of Map/Chart: 30 (INT 201)
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Reason for Choice of Name: The Rio Grande Leste Plateau is well known since 70's and it has been mentioned in many scientific papers and publications for instance REMAC Project – Geomorphology of the Brazilian Continental Margin and adjacent oceanic areas. It is also known as Rio Grande Leste Rise. The feature is located close to Rio Grande Plateau/Rise.

Discovery Facts:

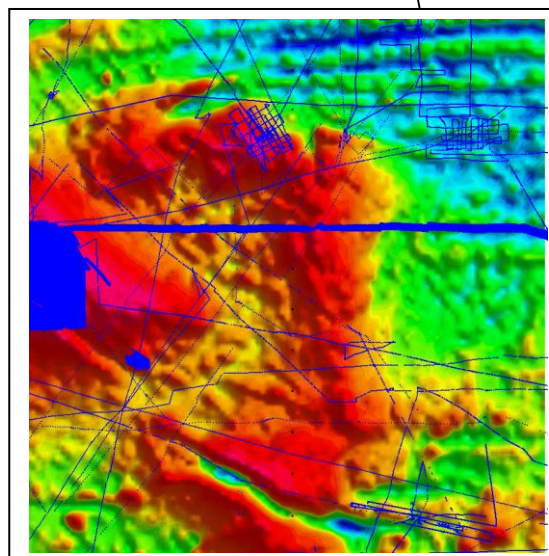
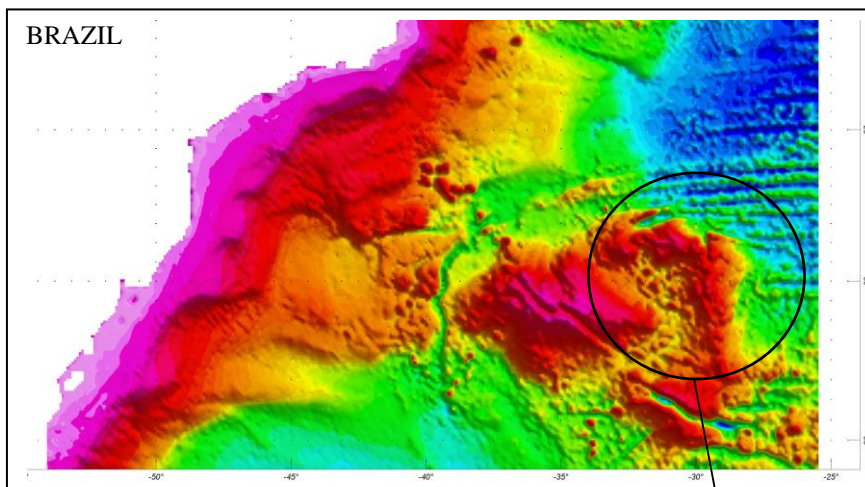
Discovery Date: -----
Discoverer (Individual, Ship): -----

**Supporting Survey Data,
including Track Controls:**

Date of Survey: 1966 - 1966 – November/2003 to December/2003
Survey Ship: R/V Vema,- R/V Robert Conrad - R/V Mirai
Sounding Equipment: (SEE ADD. DOC./18) 06-3.5 AND 12 KHZ, WIDE BEAM (60 DEG) - Sea Beam 2112.004
Type of Navigation:
Estimated Horizontal Accuracy (nm):
Survey Track Spacing:

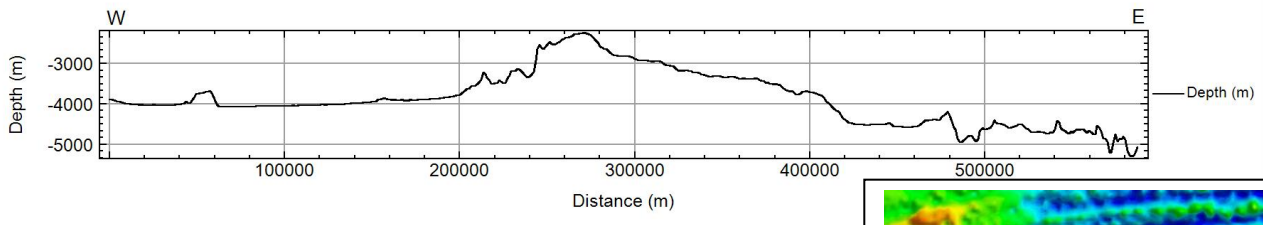
Remarks: The amount of data in this area is very poor so that all bathymetric profiles shown were extracted by GEODAS and the grid was built with acquired data and ETOPO2.

Location of Rio Grande Leste Plateau

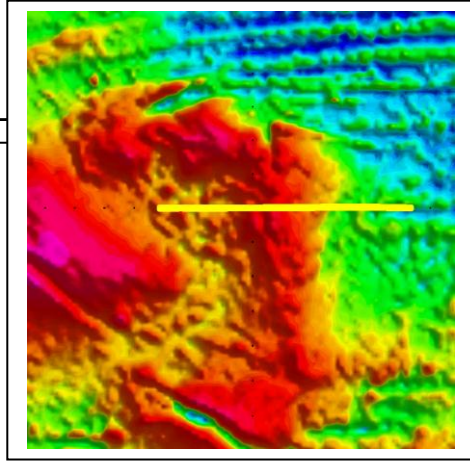


Track line data of
Multibeam and
Singlebeam

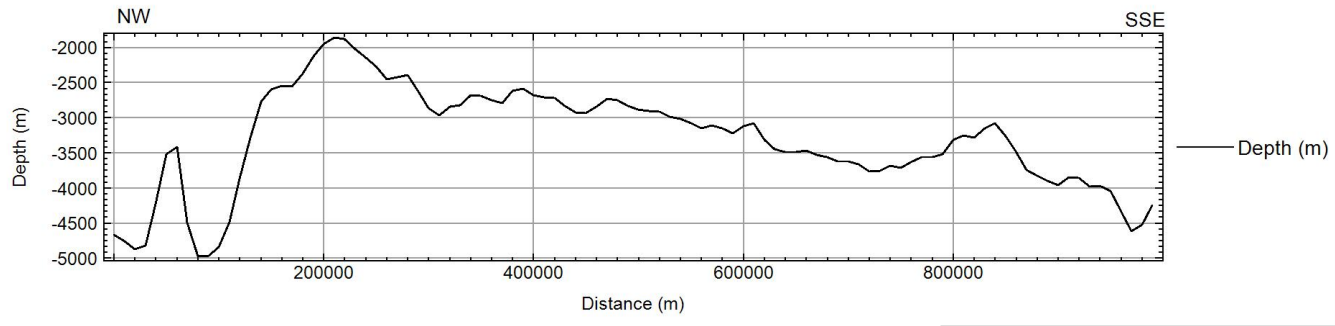
Bathymetric Grid Profile



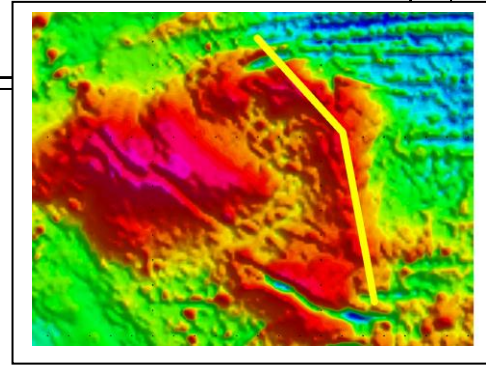
LTRACK_JAMSTEC



Bathymetric Grid Profile



L1



-30°
-50°

Proposer(s):

Name(s): Directorate of Hydrography and Navigation

Date: August 2011

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Concurrer (name, e-mail, organization and address):