

UNDERSEA FEATURE NAME PROPOSAL

Name Proposed:	Rio Grande Oeste 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°03.78'S	(Central Point) 40°34.73'W
	28°24.33'S	38°40.10'W
	29°17.03'S	39°26.30'W
	30°28.40'S	39°48.30'W
	31°29.35'S	39°38.03'W
	32°08.28'S	40°10.08'W
	32°07.23'S	40°54.45'W
	28°46.08'S	41°41.30'W
	28°28.68'S	40°17.48'W
	29°26.98'S	41°42.96'W
	30°13.63'S	41°42.10'W
	30°56.18'S	41°34.33'W
	31°43.60'S	41°17.95'W

Feature Description:	Maximum Depth: -4866 m	Steepness:
	Minimum Depth: -2900 m	Shape: Elliptical, elongated with peaks. N-S direction.
	Total Relief:	Dimension/Size: 460 Km X 300 Km (approximately)

Associated Features: São Paulo Plateau, Santa Catarina Plateau, Rio Grande Gap, Vema Submarine Channel and Rio Grande Pateau..

Chart/Map References:	Shown Named on Map/Chart:
	Shown Unnamed on Map/Chart:
	Within Area of Map/Chart: 19002 (INT 22) and 30 (INT 201)

Reason for Choice of Name: The Rio Grande Oeste 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 Oeste Rise.
The feature is located close to Rio Grande Plateau/Rise.

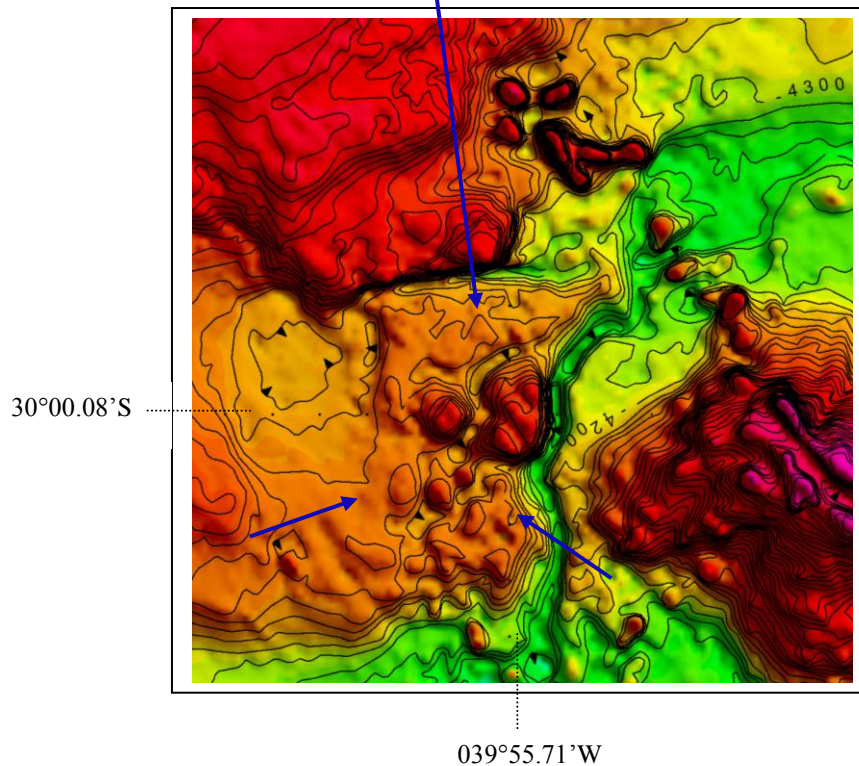
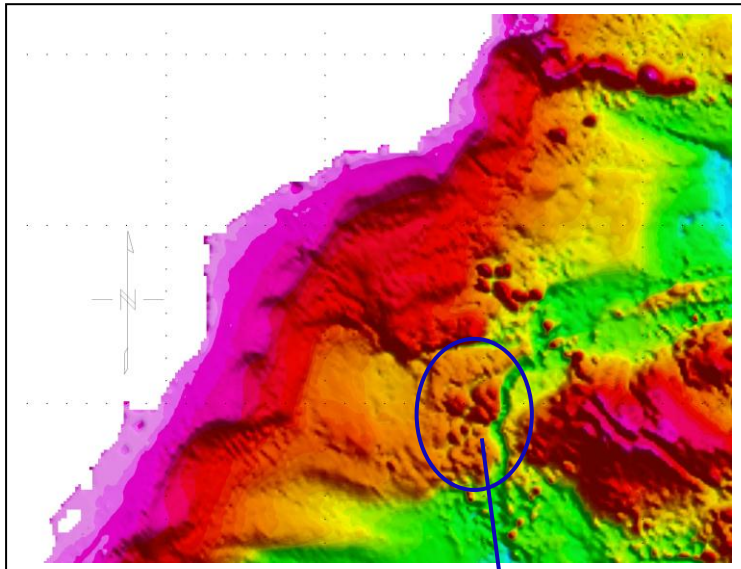
Discovery Facts:

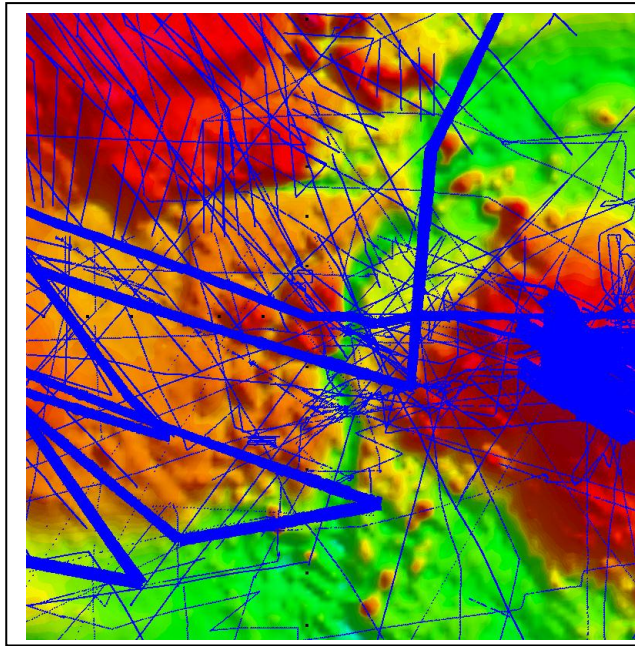
Discovery Date: -----
Discoverer (Individual, Ship): -----

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

Date of Survey: 04/22/1974; 02/02/1987 - May 2009 to March 2010 (Brazilian Continental Shelf Project)
Survey Ship: R/V Chain; R/V Conrad - MV Sea Surveyor
Sounding Equipment: PRIM-3.5, SEC-12, Wide Beam1 Sec Sweep; Seabeam Vertical Beam - Simrad EM122
Type of Navigation: GPS
Estimated Horizontal Accuracy (nm):
Survey Track Spacing:

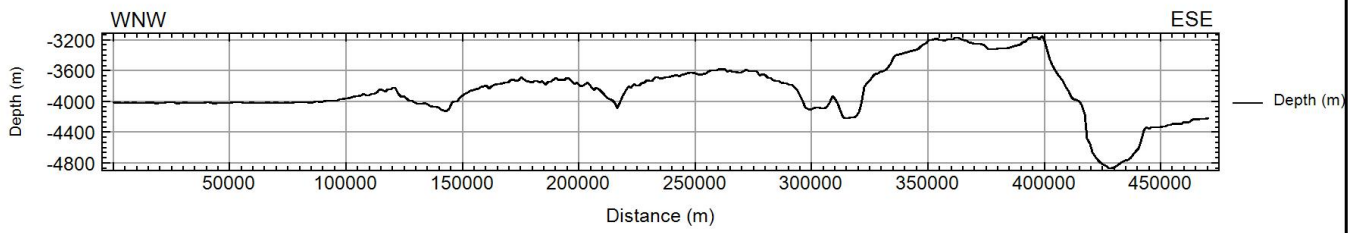
Location of Rio Grande Oeste Plateau



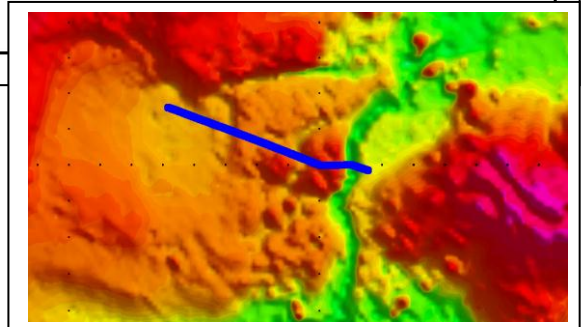


Track line data of
Multibeam and
Singlebeam

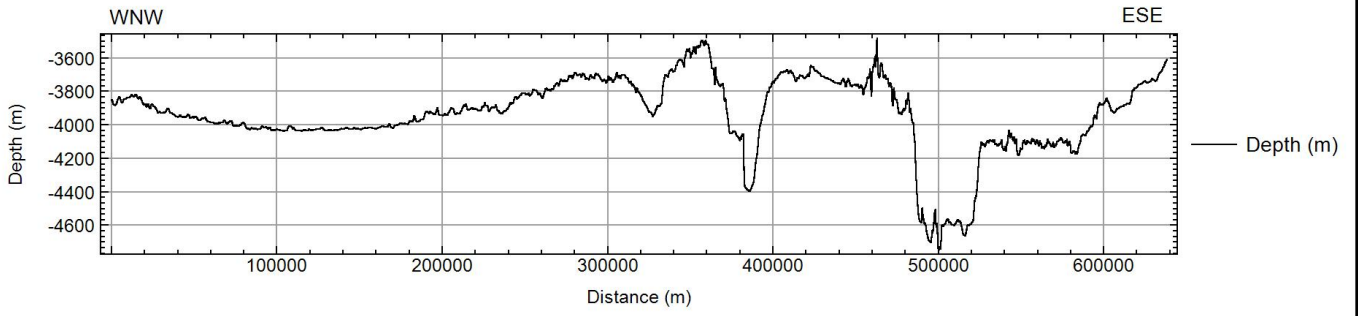
Bathymetric Grid Profile



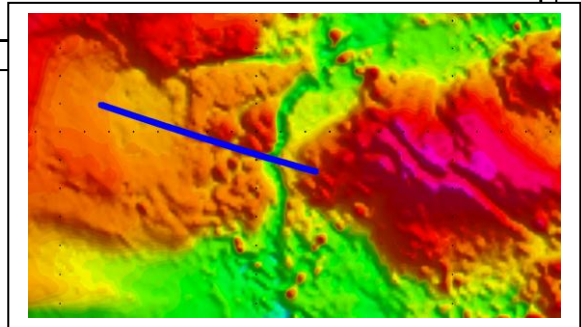
LTRACK_JAMSTEC



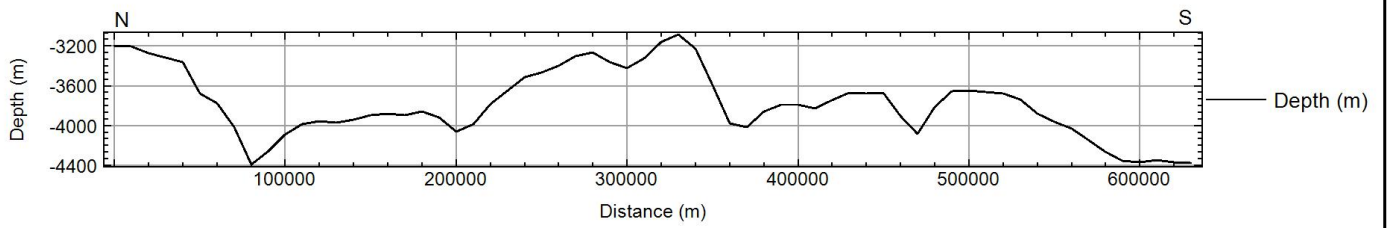
Bathymetric Grid Profile



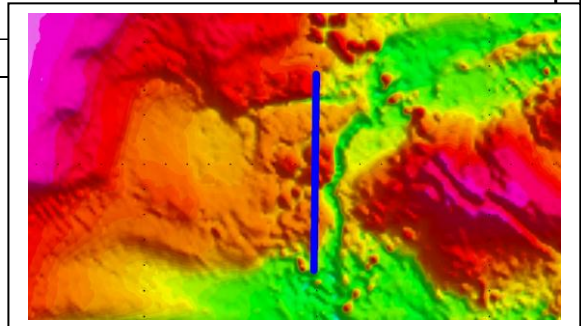
LB48



Bathymetric Grid Profile



L1



Proposer(s):

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Date: August 2011

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