

UNDERSEA FEATURE NAME PROPOSAL
(Sea NOTE overleaf)

Note: The boxes will expand as you fill the form.

Name Proposed:	Real Canyon	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. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
Coordinates:	Central point 11° 32.90019' S	Central point 37° 1.36297' W
	11° 27.13477' S	37° 12.22305' W
	11° 27.22917' S	37° 11.41922' W
	11° 27.39908' S	37° 10.55798' W
	11° 27.88343' S	37° 8.77508' W
	11° 29.46029' S	37° 6.59505' W
	11° 31.32366' S	37° 4.12435' W
	11° 32.90019' S	37° 1.36297' W
	11° 34.04667' S	37° 0.05495' W
	11° 35.33636' S	36° 57.58425' W
	11° 37.77217' S	36° 54.96822' W
	11° 39.77786' S	36° 53.80553' W
	11° 42.21301' S	36° 51.33483' W
	11° 44.64780' S	36° 48.13745' W
	11° 46.36625' S	36° 46.39343' W

Feature Description:	Maximum Depth:	2876 m	Steepness :	4°-10°
	Minimum Depth :	35.5 m	Shape :	Elongated
	Total Relief :	2840.5 m	Dimension/Size :	60 km (approximately)

Associated Features:	
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	Nautical Chart 1

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Real Canyon is the continuity on the seafloor of Real river, at the continent. The canyon 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 and Junior et al (2017). The name is due the Rio Real city, Bahia state (Brazil), which received and sheltered the Emperor Dom Pedro II (2 December 1825 – 5 December 1891) cortege, during his journey through Bahia state.
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Discovery Facts:	Discovery Date:	Unknown
	Discoverer (Individual, Ship):	Unknown

Supporting Survey Data, including Track Controls:	Date of Survey:	1988, 1996, 2000; 2009/2010,
	Survey Ship:	My New Venture, Sea Surveyor, MV Discover, NOc Almirante Camara, NOc Almirante Álvaro Alberto
	Sounding Equipment:	Multibeam - EM710 / EM122 Singlebeam - EA500, Krupp Atlas Deso-25,
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	
	Survey Track Spacing:	5 km – 50 km / full bottom covered
	Supporting material can be submitted as Annex in analog or digital form.	

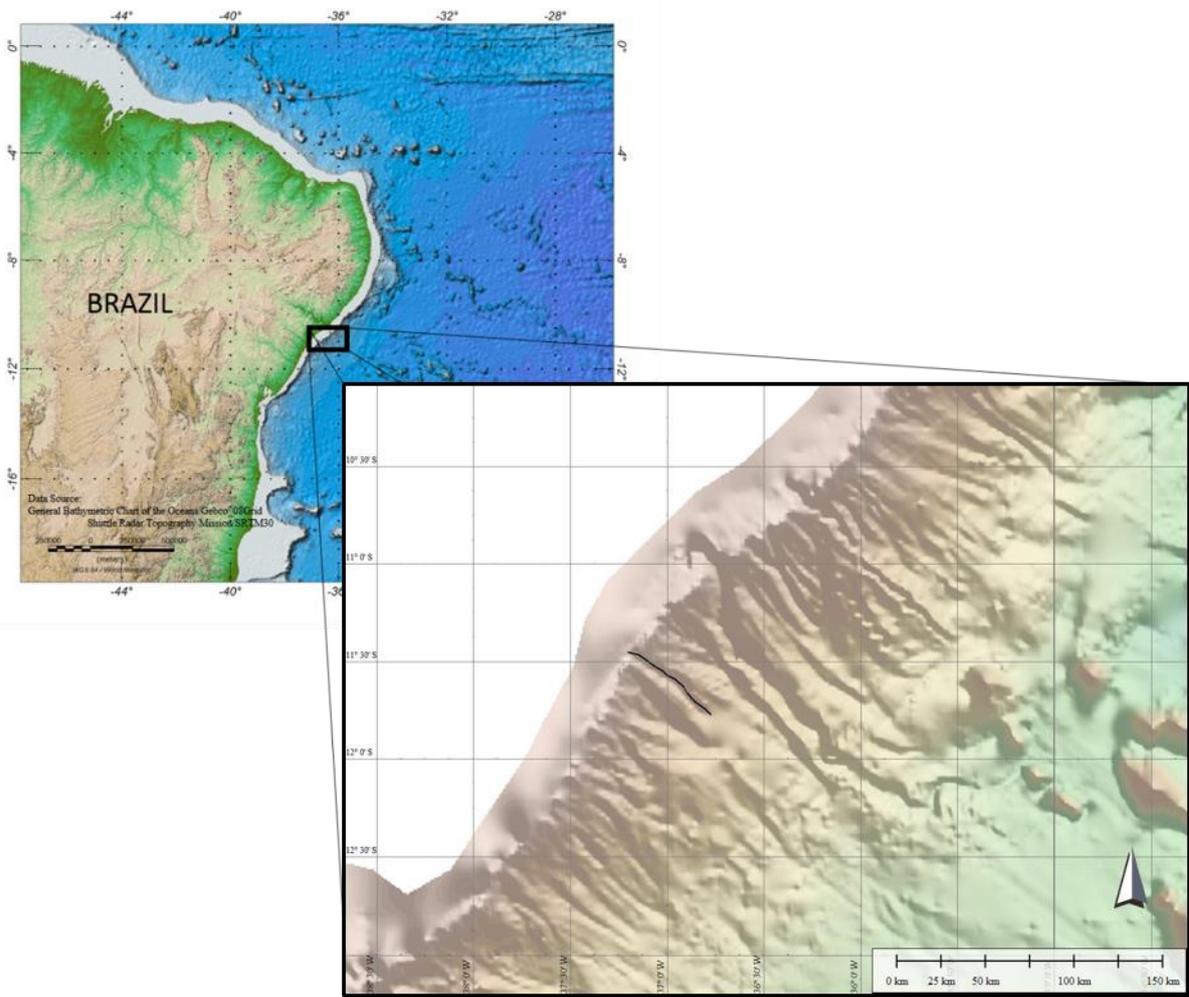


Fig. 1 – Real Canyon Location.

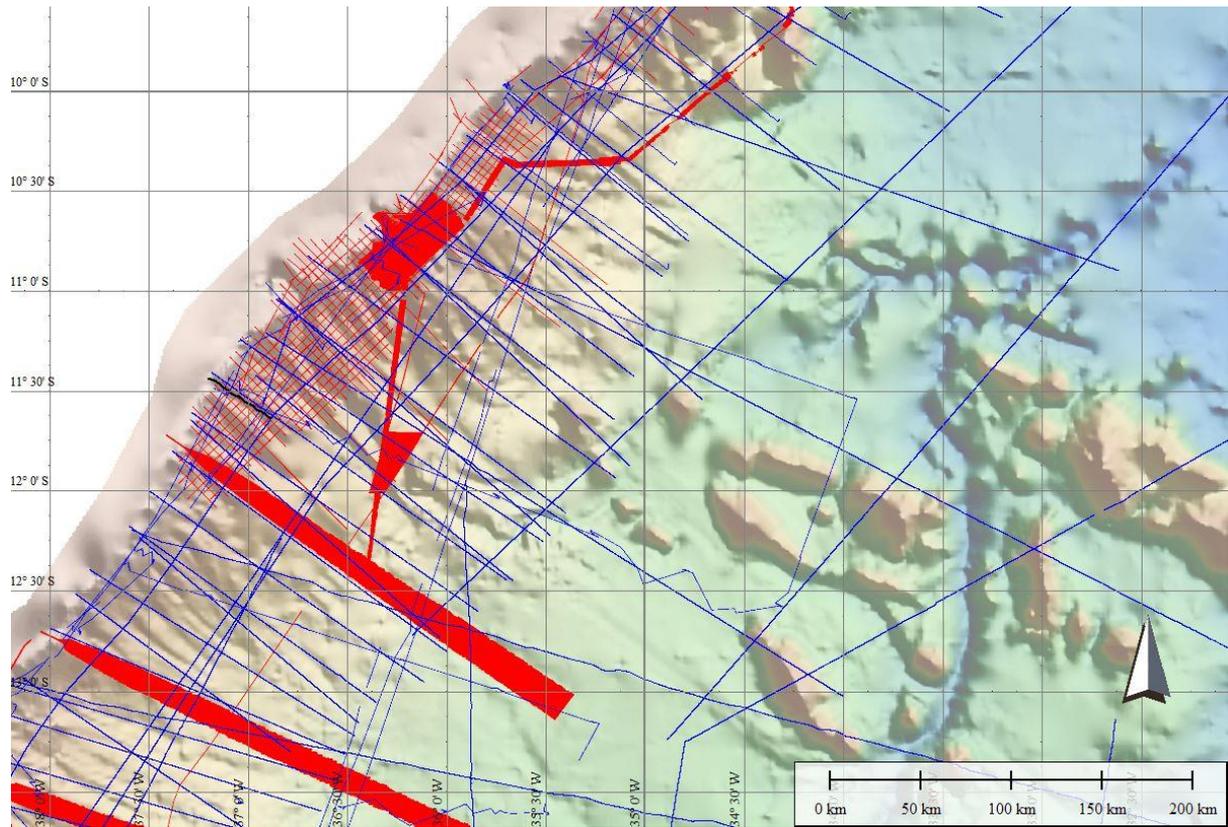


Fig. 2 - Track line: Red thin lines: bathymetry extracted from seismic 3D; Red strips: multibeam data; blue lines: singlebeam data.

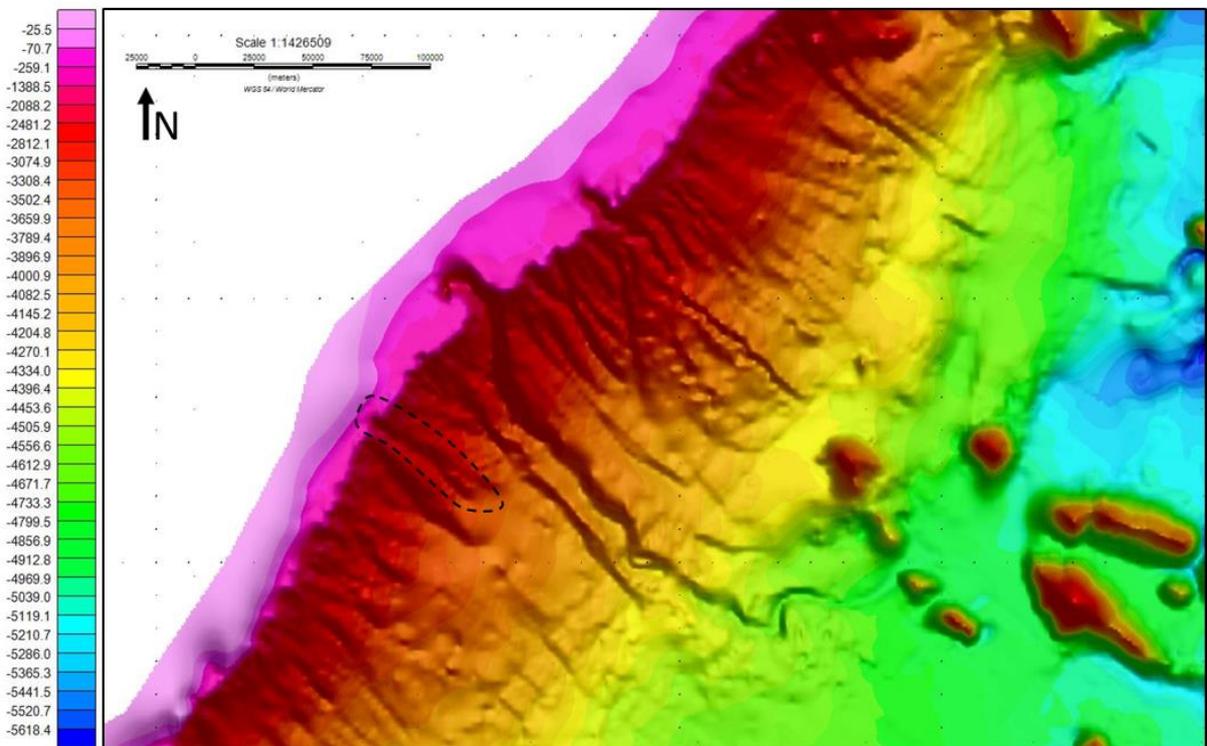


Fig. 3 - Bathymetric Grid.

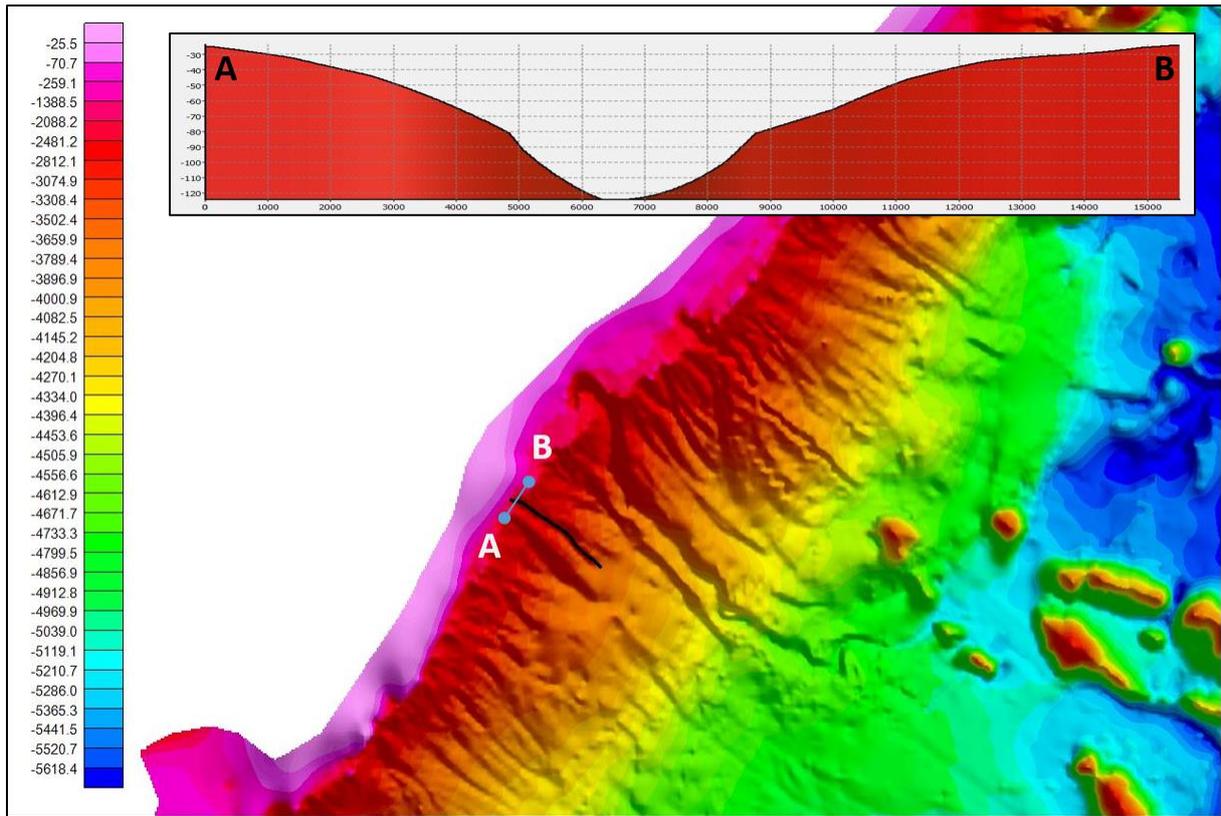


Fig. 4 - Bathymetric Grid - Profile 1.

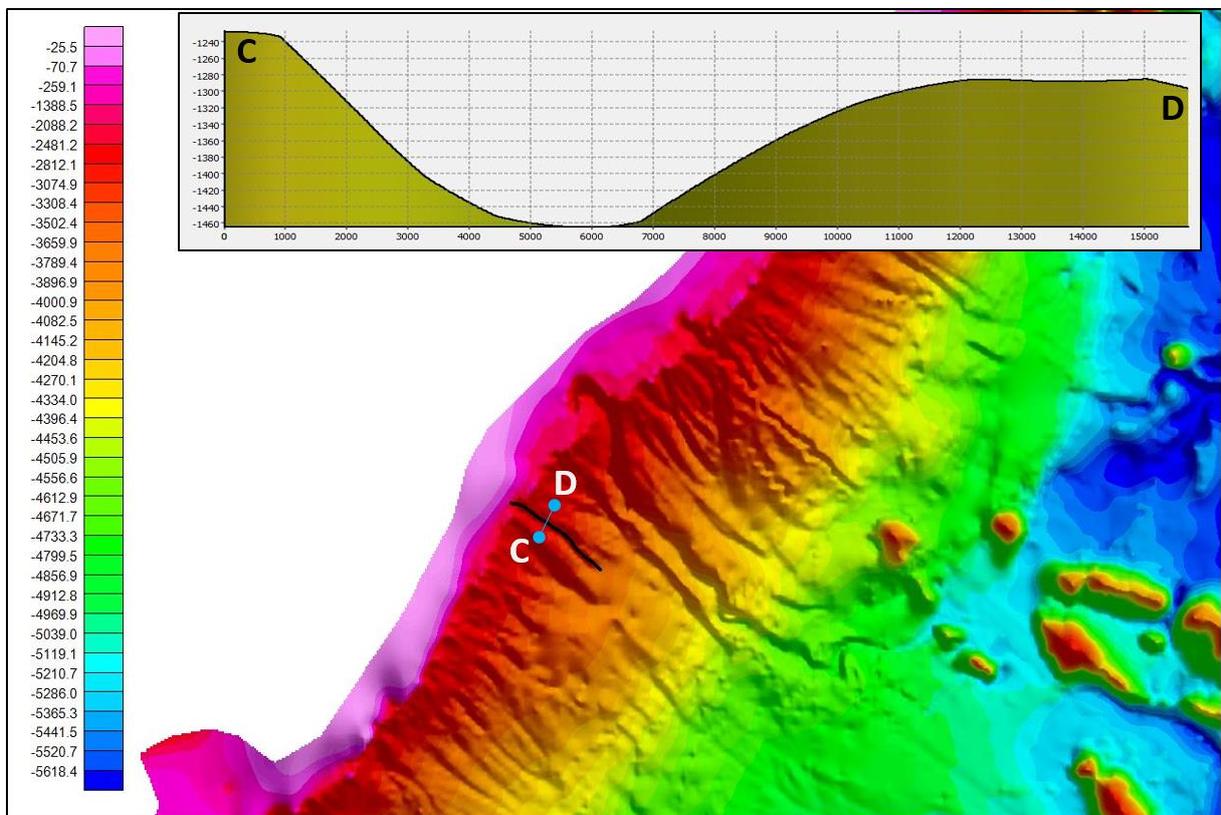


Fig. 5 - Bathymetric Grid - Profile 2.

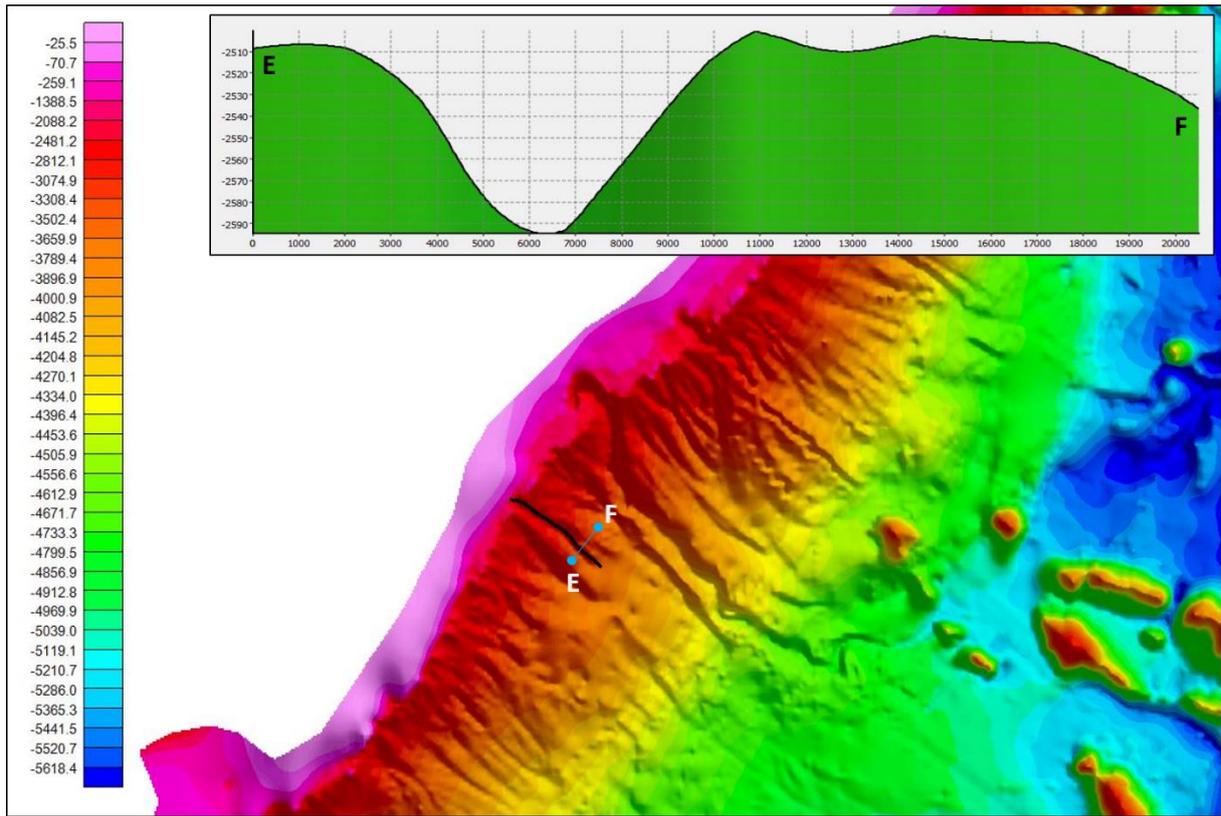


Fig. 6 - Bathymetric Grid - Profile 3.

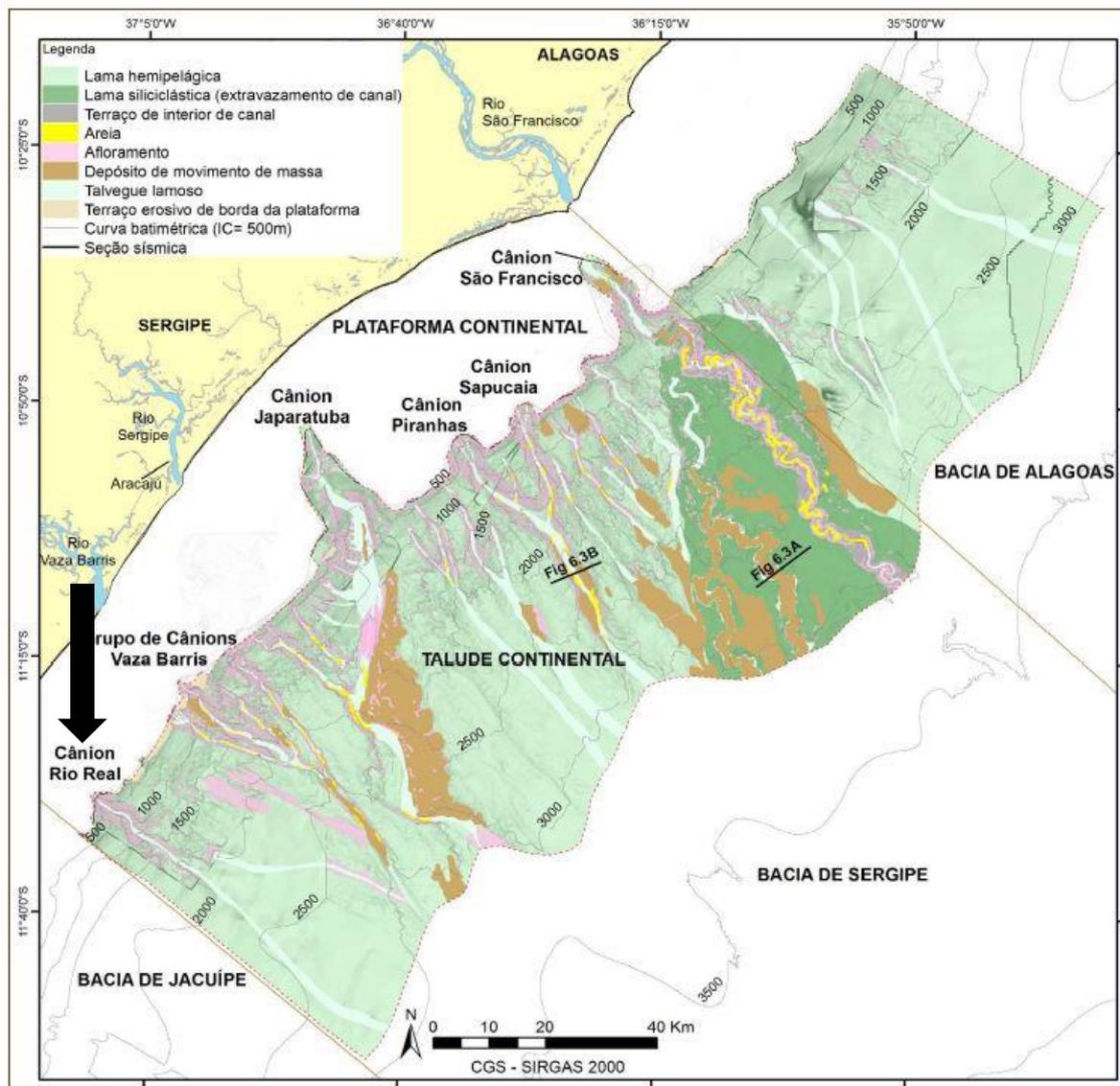


Fig. 7 – Print of publication (Junior, E. A. O. et al. (2017)).

Proposer(s):	Name(s):	Directorate of Hydrography and Navigation
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	Concurrer (name, e-mail, organization and address):	

Remarks:	<p>References:</p> <p>Junior, E. A. O. et al. Geomorfologia do Talude da Bacia de Sergipe-Alagoa. In: FONTES, L. C. S.; KOWSMANN, R. O.; PUGA-BERNABÉU, Á. (Ed.). Geologia e Geomorfologia da Bacia de Sergipe-Alagoas. São Cristóvão: Ed. UFS, 2017. cap. 4, p. 97-136. (Coleção Marseal, 1).</p> <p>Reconhecimento global da margem continental brasileira: Projeto REMAC: coletânea de trabalhos técnicos, 1971 a 1975. Rio de Janeiro: PETROBRAS/CENPES/DINTEP, 1977. 162 p. (Projeto REMAC, 1).</p>
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NOTE : This form should be forwarded, when completed :

- a) **If the undersea feature is located inside the external limit of the territorial sea :-**
to your "National Authority for Approval of Undersea Feature Names" (see page 2-9) or, if this does not exist or is not known, either to the IHB or to the IOC (see addresses below);
- b) **If at least 50 % of the undersea feature is located outside the external limits of the territorial sea :-**
to the IHB or to the IOC, at the following addresses :

International Hydrographic Bureau (IHB) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
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