INTERNATIONAL HYDROGRAPHIC ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

UNDERSEA FEATURE NAME PROPOSAL

(Sea **NOTE** overleaf)

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

Name Proposed:	Vaza-Barris Province	**Ocean or Sea:**	Atlantic Ocean

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° 24.65923' S	Central point 36° 46.94963' W
	11° 12.10218' S	36° 57.13103' W
	11° 14.18785' S	36° 56.12476' W
	11° 15.99457' S	36° 54.20859' W
	11° 17.53225' S	36° 52.54940' W
	11° 19.73822' S	36° 50.51312' W
	11° 22.62295' S	36° 48.30715' W
	11° 24.65923' S	36° 46.94963' W
	11° 26.01675' S	36° 45.25274' W
	11° 27.71365' S	36° 43.89522' W
	11° 30.08931' S	36° 42.87708' W
	11° 33.15490' S	36° 40.03704' W
	11° 33.66727' S	36° 38.28532' W
	11° 34.58504' S	36° 36.74101' W
	11° 36.39507' S	36° 35.33321' W
	11° 38.60567' S	36° 35.10332' W
	11° 40.61008' S	36° 33.71382' W
	11° 41.96760' S	36° 32.18661' W
	11° 43.83419' S	36° 29.81095' W
	11° 45.36140' S	36° 27.77467' W
	11° 47.56737' S	36° 26.07778' W
	11° 49.60365' S	36° 24.88995' W
	11° 50.96117' S	36° 23.36274' W
	11° 53.84589' S	36° 21.15677' W
	11° 56.05186' S	36° 19.96894' W
	12° 0.00000' S	36° 17.08421' W
	12° 2.83946' S	36° 15.04793' W
	12° 5.72419' S	36° 12.33289' W
	12° 7.76047' S	36° 9.61785' W
	12° 8.77861' S	36° 7.41189' W
	12° 8.77861' S	36° 5.88468' W
	12° 9.11799' S	36° 3.67871' W
	12° 9.35821' S	36° 2.41197' W
	12° 10.12356' S	36° 1.84773' W
	12° 10.36936' S	36° 1.17735' W
	12° 10.43640' S	36° 0.00000' W
	12° 11.10678' S	35° 59.50140' W
	12° 13.85499' S	35° 57.83841' W
	12° 15.81585' S	35° 56.70714' W
	12° 16.72086' S	35° 55.80213' W
	12° 17.70129' S	35° 53.76585' W
	12° 19.36048' S	35° 52.48375' W

	11° 19.88161' S	37° 3.92007' W
	11° 20.96763' S	37° 3.79940' W
	11° 22.17431' S	37° 3.59829' W
	11° 23.30558' S	37° 3.19606' W
	11° 24.21059' S	37° 2.69327' W
	11° 24.87929' S	37° 2.00949' W
	11° 25.21616' S	37° 1.23520' W
	11° 25.38208' S	37° 0.33019' W
	11° 25.40722' S	36° 59.45534' W
	11° 25.51783' S	36° 58.64586' W
	11° 25.72397' S	36° 57.78107' W
	11° 25.99547' S	36° 56.76041' W
	11° 26.21167' S	36° 55.70959' W
	11° 26.35245' S	36° 54.79955' W
	11° 26.53345' S	36° 54.12079' W
	11° 26.83513' S	36° 53.50237' W
	11° 27.27255' S	36° 52.95936' W
	11° 27.72003' S	36° 52.42138' W
	11° 28.10214' S	36° 51.67223' W
	11° 28.35856' S	36° 50.77727' W
	11° 28.59990' S	36° 49.78679' W
	11° 28.92168' S	36° 48.92200' W
	11° 29.37419' S	36° 48.12257' W
	11° 29.84178' S	36° 47.37845' W
	11° 30.14848' S	36° 46.57902' W
	11° 30.21384' S	36° 45.89523' W
	11° 30.09317' S	36° 45.22653' W
	11° 29.89876' S	36° 44.66676' W
	11° 29.76397' S	36° 44.13270' W
	11° 29.68449' S	36° 43.66903' W
	11° 29.75395' S	36° 43.15626' W
	11° 29.77934' S	36° 43.00992' W
	11° 16.65836' S	37° 3.25905' W
	11° 16.74037' S	37° 2.31600' W
	11° 16.74037' S	37° 1.41099' W
	11° 17.34371' S	37° 0.65681' W
	11° 18.09789' S	36° 59.67638' W
	11° 19.00290' S	36° 59.29929' W
	11° 19.75708' S	36° 58.24344' W
	11° 20.54243' S	36° 57.19631' W
	11° 20.98565' S	36° 55.84487' W
	11° 22.04475' S	36° 54.02424' W
	11° 22.61457' S	36° 52.71700' W
	11° 22.44698' S	36° 51.26730' W
	11° 22.64809' S	36° 50.22821' W
	11° 22.94976' S	36° 49.05505' W
	11° 24.65923' S	36° 46.94963' W
	11° 12.71215' S	37° 0.99657' W
	11° 12.94358' S	36° 59.78604' W
	11° 13.42351' S	36° 58.78060' W
	11° 14.08668' S	36° 58.42748' W
	11° 14.75991' S	36° 58.11458' W
	11° 15.37331' S	36° 57.90844' W
	11° 15.95151' S	36° 57.63693' W
	11° 16.47943' S	36° 57.20454' W
	11° 16.88166' S	36° 56.69170' W
	11° 17.24869' S	36° 56.15875' W
	11° 17.63584' S	36° 55.67607' W
	11° 18.06823' S	36° 55.22357' W
	11° 18.36488' S	36° 54.72078' W

	11° 18.47549' S 11° 18.42018' S 11° 18.37538' S 11° 18.46766' S 11° 19.22531' S 11° 19.80072' S 11° 19.89849' S 11° 19.89849' S 11° 19.59503' S 11° 24.92622' S 11° 25.22789' S 11° 25.47928' S 11° 25.37873' S 11° 25.27817' S 11° 25.32845' S 11° 25.48487' S 11° 25.52984' S	36° 54.17777' W 36° 53.57946' W 36° 52.80859' W 36° 51.68595' W 37° 2.96791' W 37° 1.59363' W 37° 0.55454' W 36° 59.49869' W 36° 58.47030' W 36° 50.56275' W 36° 49.70802' W 36° 48.65217' W 36° 48.19966' W 36° 47.49576' W 36° 47.00974' W 36° 46.51813' W 36° 45.86138' W

Feature Description:	Maximum Depth:	4047 m	Steepness :	5º-10.5º
	Minimum Depth :	35 m	Shape :	Elongated and meandered
	Total Relief :	4012 m	Dimension/Size :	300 km (approximately)

Associated Features:	

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)**:**	Vaza-Barris Province of canyons is the continuity on the seafloor of Vaza-Barris river, at the continent. The canyon is known since 70's and it has been mentioned in many and publications, for instance, REMAC Project – Geomorphology of the Brazilian Continental Margin and adjacent oceanic areas (1979) and Junior et al (2017). Named as a group of Vaza-Barris canyons, once there are many minor canyons running to the Vaza-Barris Canyon, the longest one. The name is due to the Vaza-Barris river, which crosses Bahia State and reach out the Atlantic ocean at Sergipe State, Brazil.

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 Equipement:	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.	

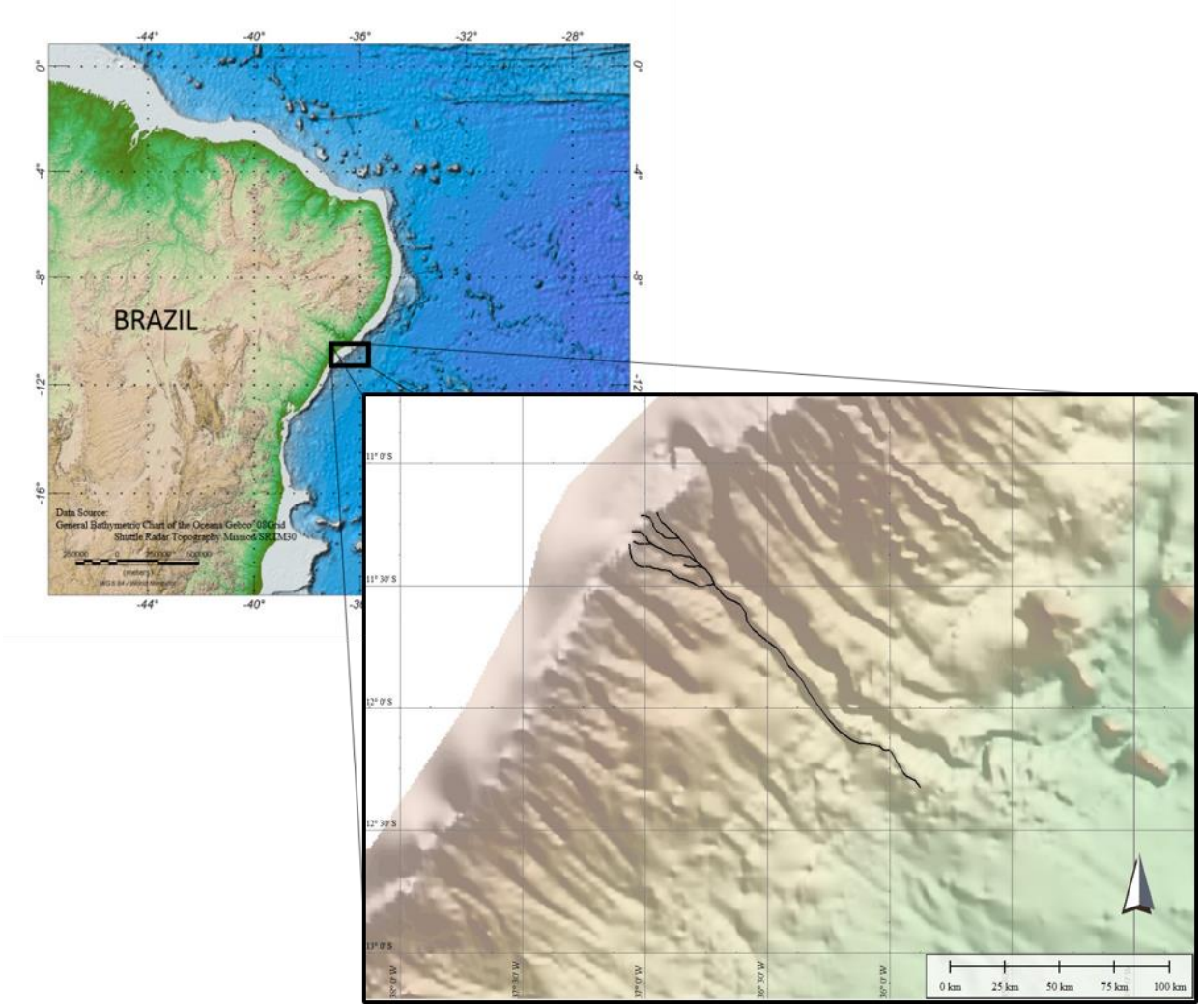

Fig. 1 – Vaza-Barris province of canyons location.

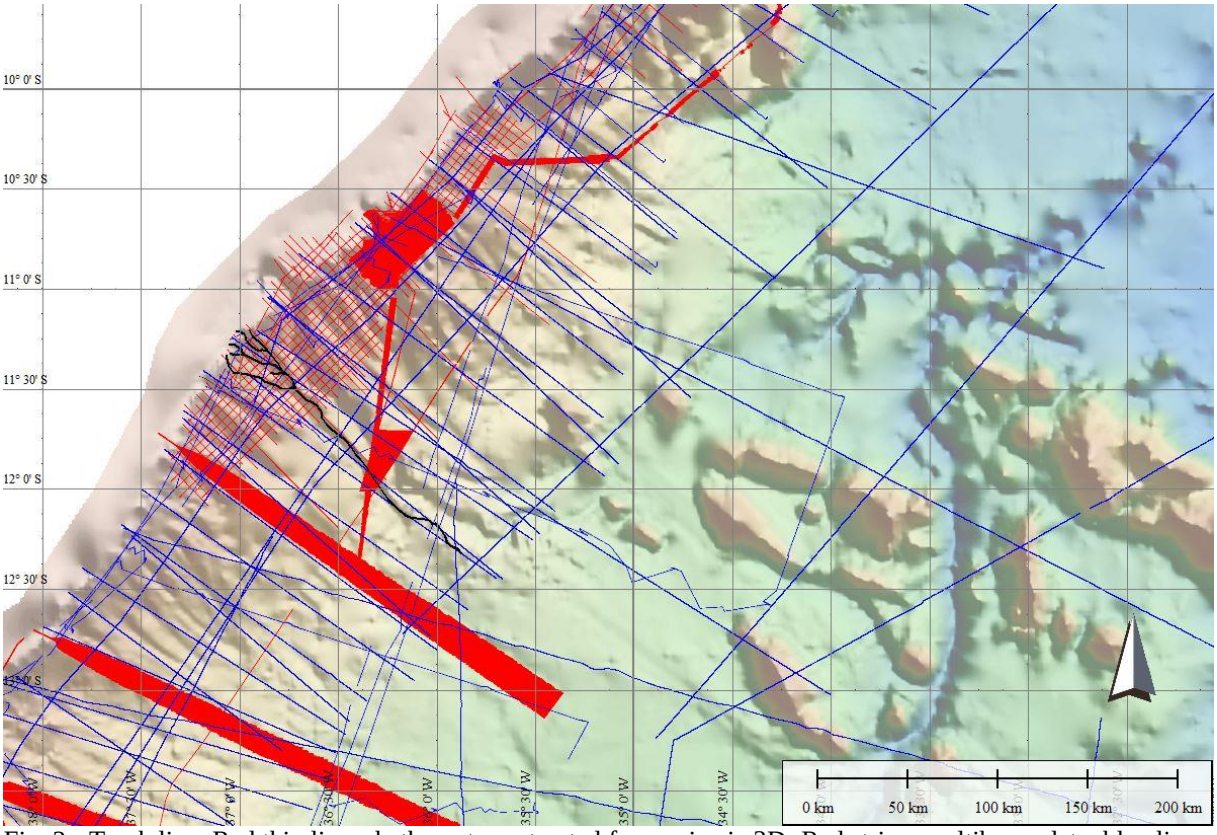

Fig. 2 - Track line: Red thin lines: bathymetry extracted from seismic 3D; Red strips: multibeam data; blue lines: singlebeam data.

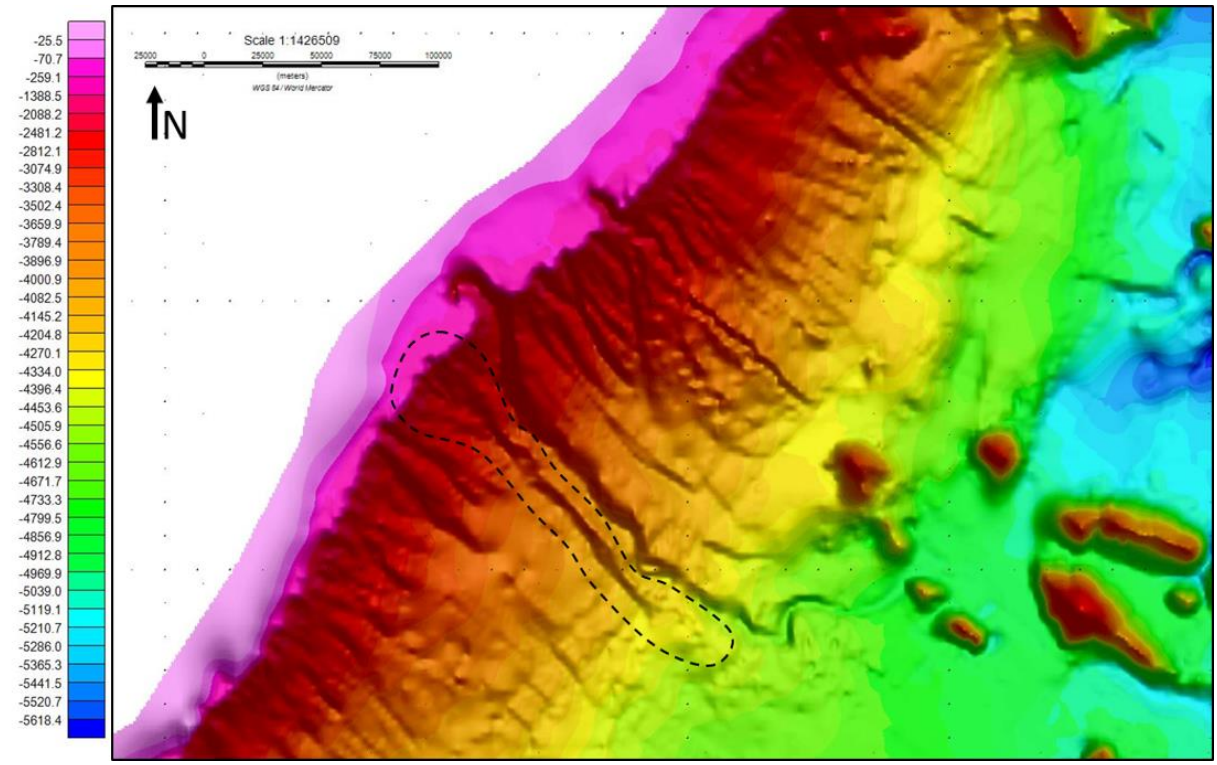

Fig. 3 - Bathymetric Grid.

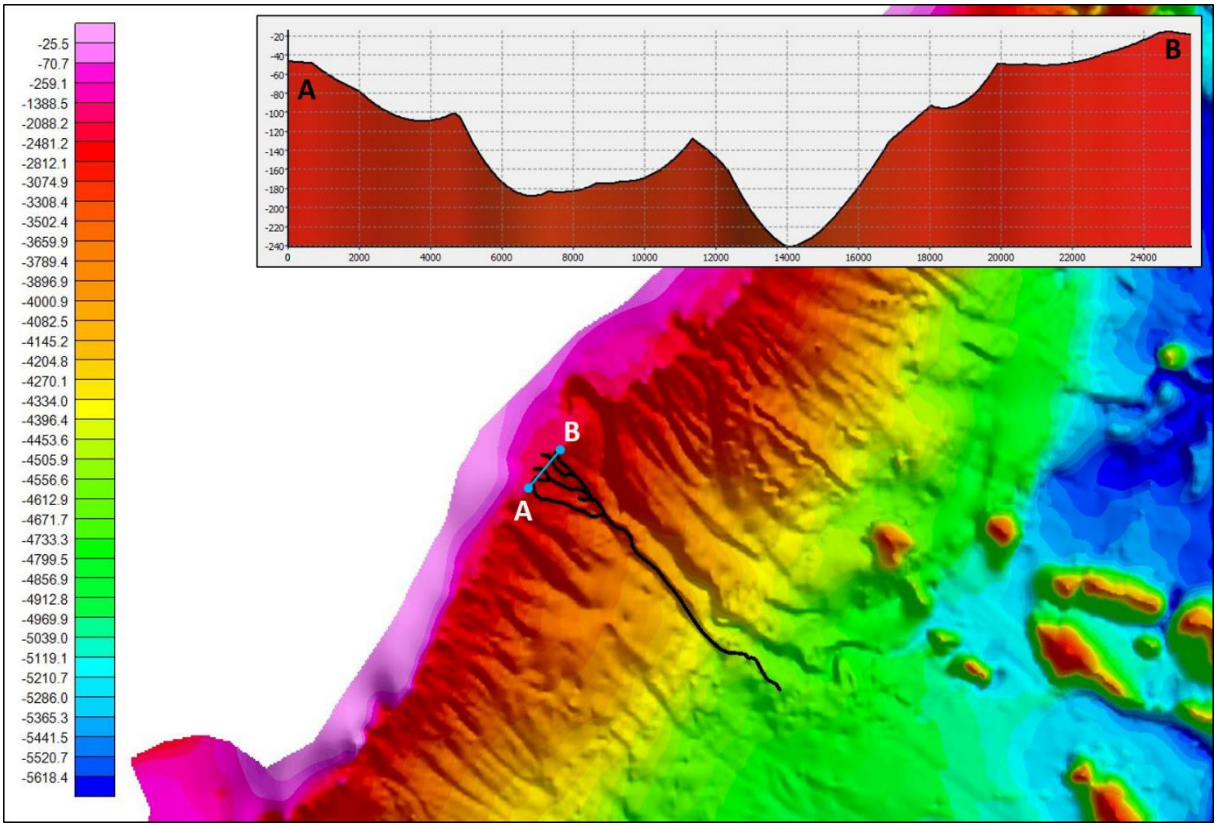

Fig. 4 - Bathymetric Grid - Profile 1.

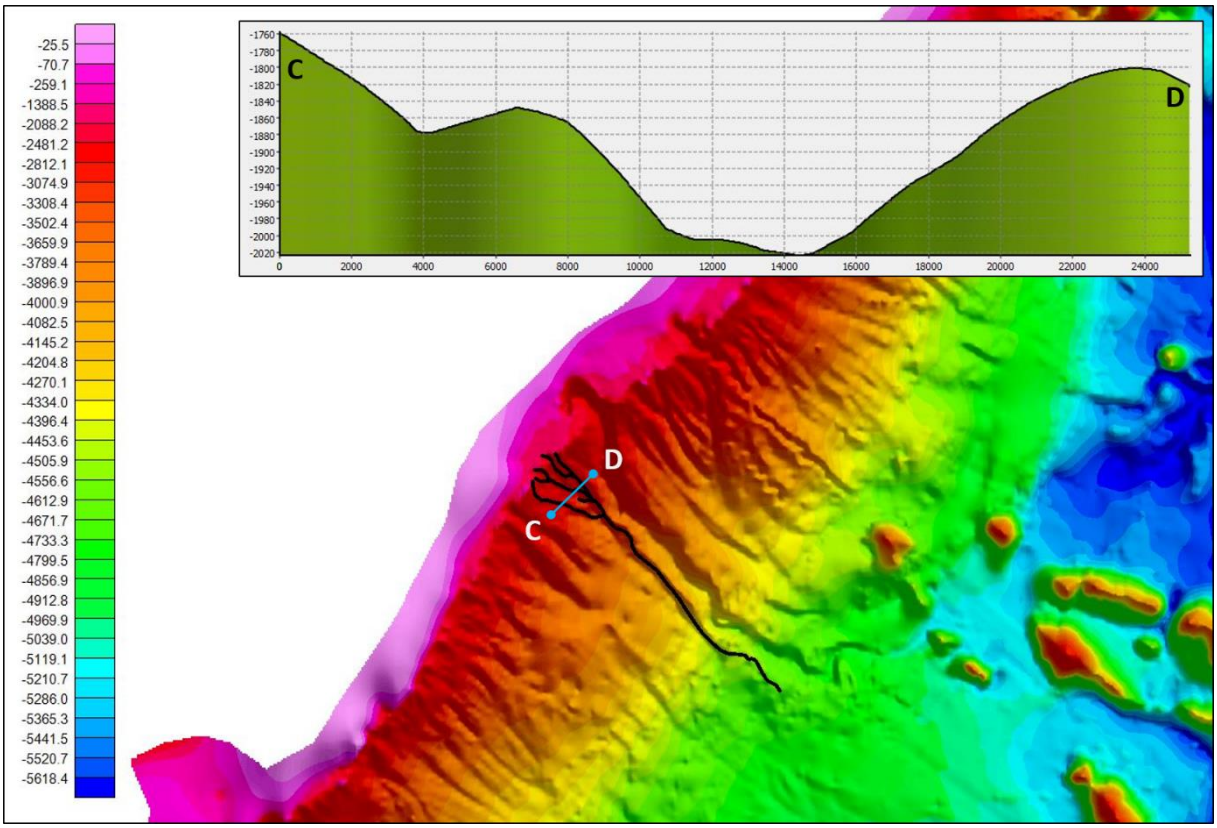

Fig. 5 - Bathymetric Grid - Profile 2.

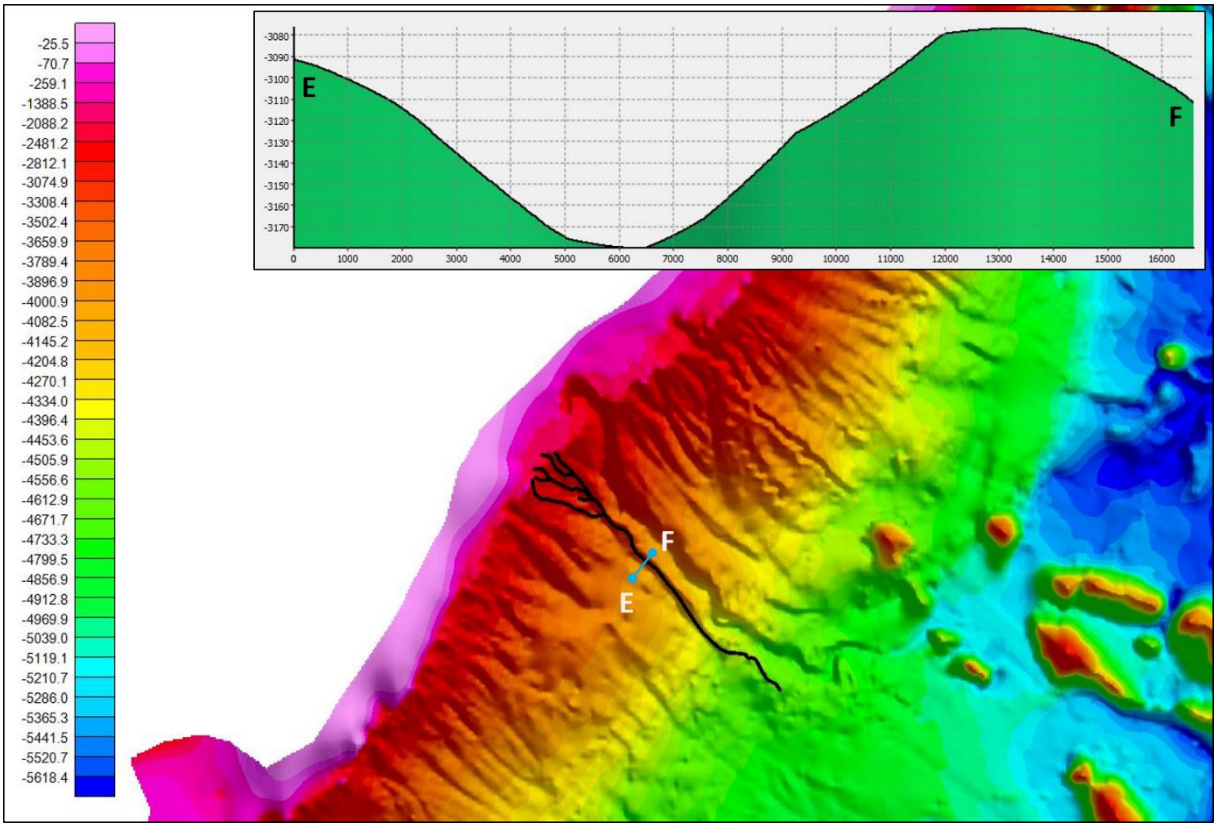

Fig. 6 - Bathymetric Grid - Profile 3.

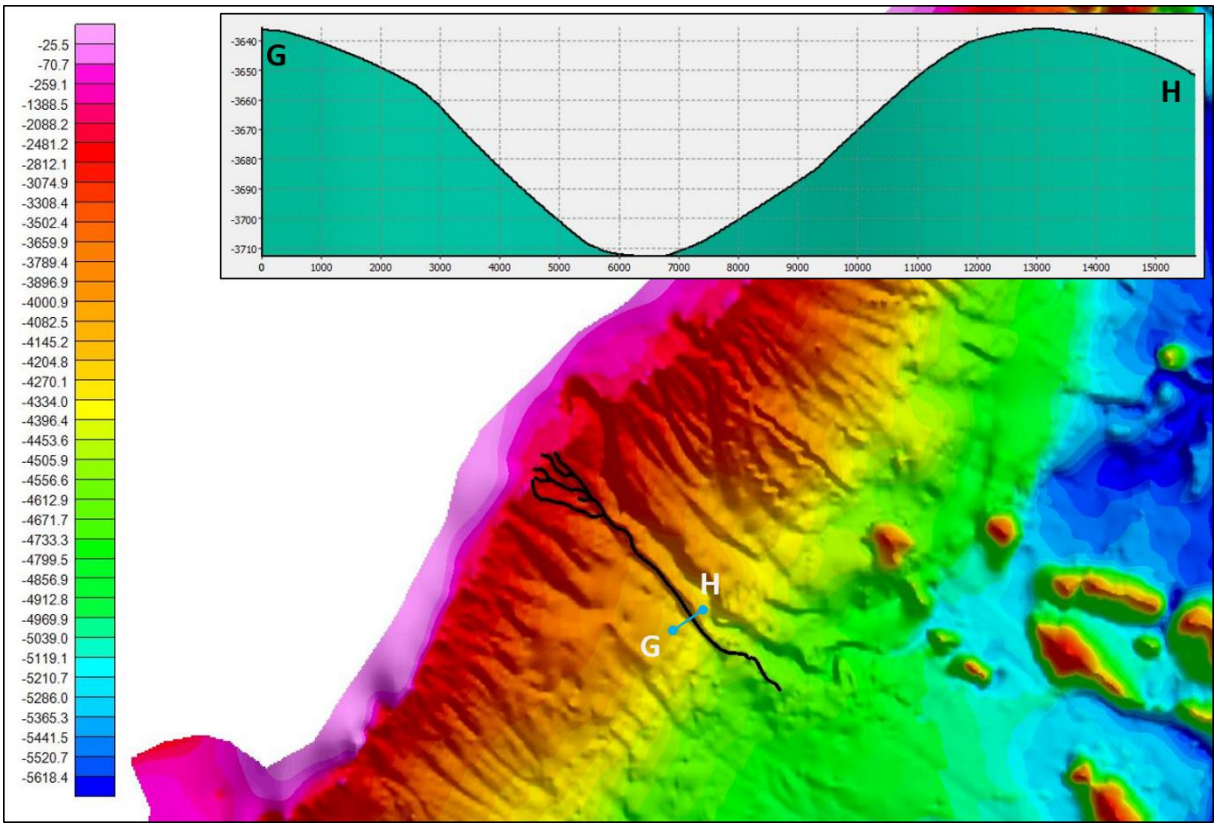

Fig. 7 - Bathymetric Grid - Profile 4.

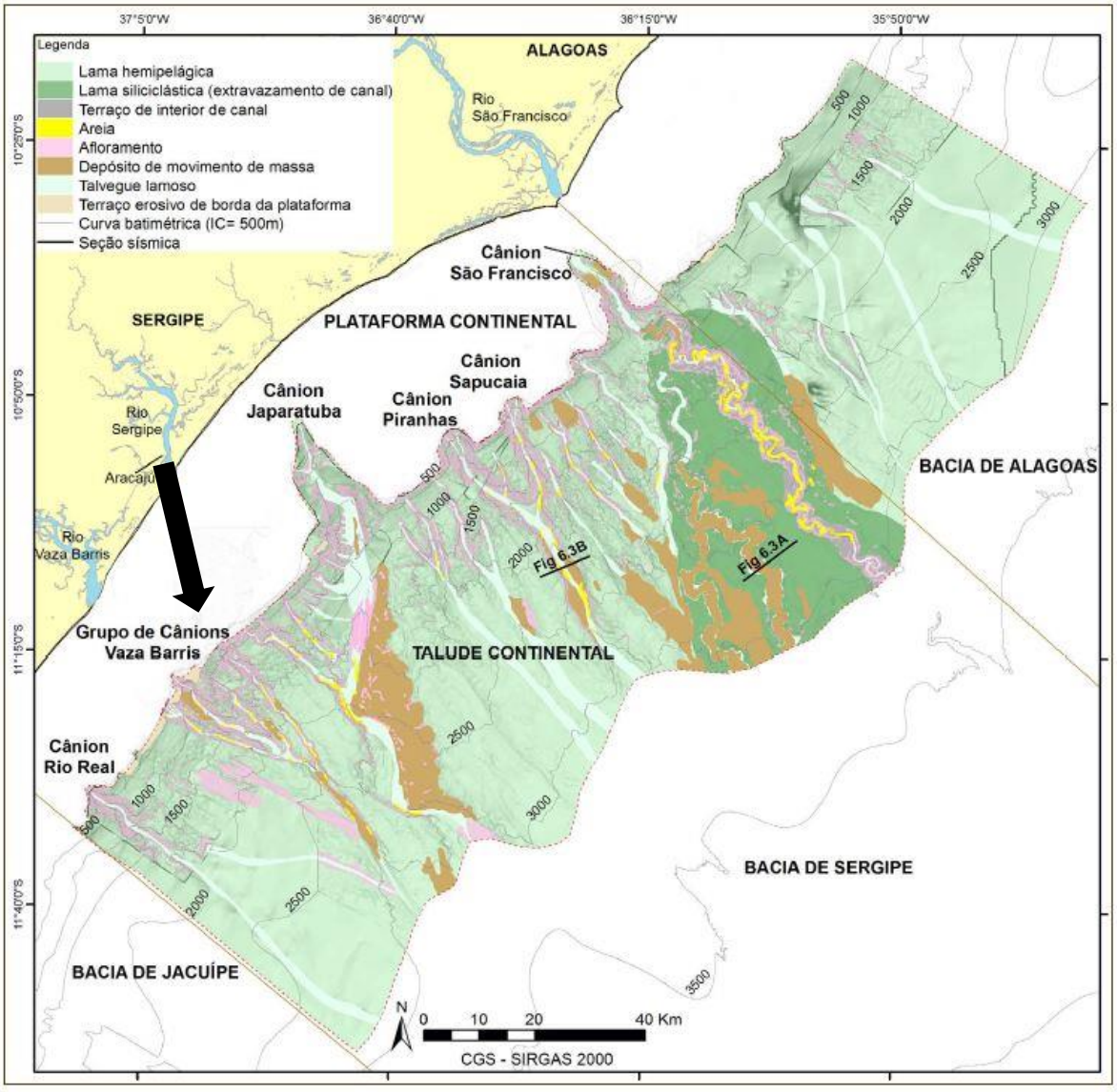

Fig. 8 – Print of publication (Junior, E. A. O. et al. (2017)).

Proposer(s):	Name(s):	Directorate of Hydrography and Navigation
	Date:	August 2018
	E-mail:	lorena.sampaio@marinha.mil.br
	Organization and Address:	Directorate of Hydrography and Navigation Barão de Jaceguay Street – Ponta da Armação – Niterói – Rio de Janeiro – Brazil - ZIP code: 24.048-900
	Concurrer (name, e-mail, organization and address):	

Remarks:	References: 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). 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).

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