

**UNDERSEA FEATURE NAME PROPOSAL**

(Sea NOTE overleaf)

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

<b>Name Proposed:</b>	Watu Norte Canyon	<b>Ocean or Sea:</b>	South Atlantic Ocean
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<b>Geometry that best defines the feature (Yes/No) :</b>						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
No	No	No	Yes	Yes	Yes	Yes

\* Geometry should be clearly distinguished when providing the coordinates below.

<b>Coordinates:</b>	Lat. (e.g. 19° 54.0000' S)	Long. (e.g. 39° 32.3467' W)
	19° 49.2600' S	39° 35.9567' W
	19° 51.0100' S	39° 35.2600' W
	19° 53.0033' S	39° 33.6950' W
	19° 54.0000' S	39° 32.3467' W
	19° 55.0800' S	39° 32.5000' W
	19° 55.7067' S	39° 31.7017' W
	19° 56.8050' S	39° 30.7167' W
	19° 58.3450' S	39° 31.7083' W
20° 00.5100' S	39° 32.0200' W	

<b>Feature Description:</b>	Maximum Depth:	-1400 m	Steepness :	3.32°
	Minimum Depth :	-80 m	Shape :	Sinuuous, U shape
	Total Relief :	1320 m	Dimension/Size :	26.5 km long, from 800 m to 2600 m large, from 80 m to 170 m depth

<b>Associated Features:</b>	Abrolhos Shelf
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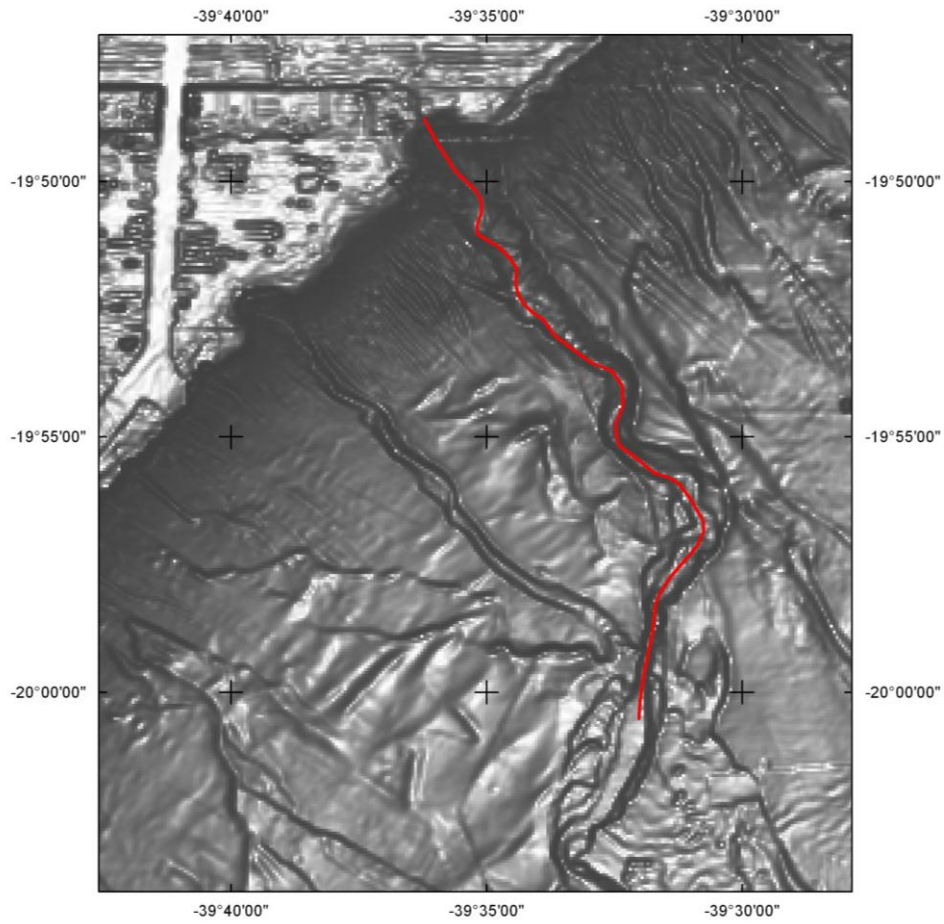
<b>Chart/Map References:</b>	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	21060 (INT 2007), 22800 (INT 2121), 70 and 1

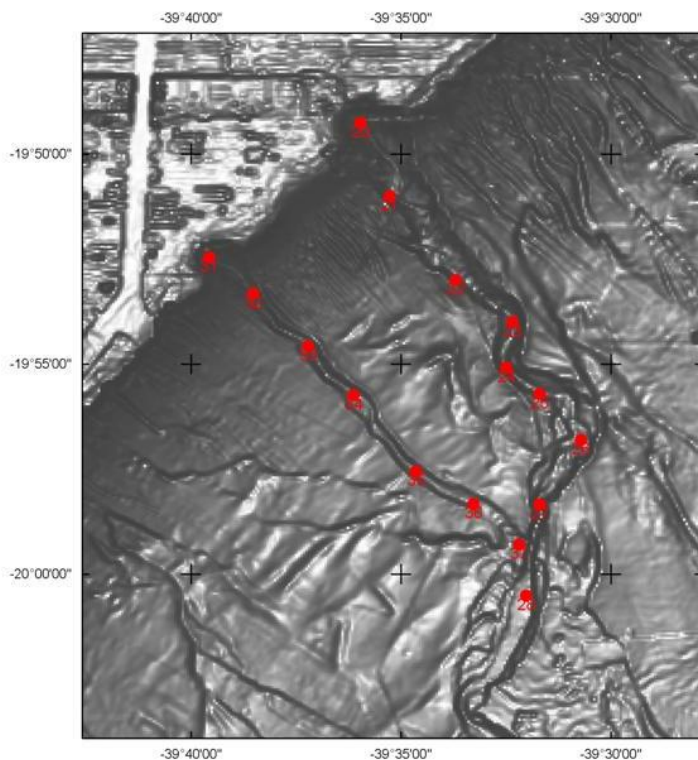
<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	Discoverer: during geohazards studies in continental slope of Brazilian margin. Named to point out its likely association with the Doce River fluvial system during sea level falls. The specific term "Watu" means "wide river or sweet river" in the language of the Botocudos. The Botocudos belong to a great Indian nation who lived along the rivers Piracicaba and Doce. They descended from the Aimóres Indian Tribe.
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<b>Discovery Facts:</b>	Discovery Date:	Year 2006
	Discoverer (Individual, Ship):	

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	-
	Survey Ship:	-
	Sounding Equipment:	-
	Type of Navigation:	-

	Estimated Horizontal Accuracy (nm):	-
	Survey Track Spacing:	-
	Supporting material can be submitted as Annex in analog or digital form.	
<b>Remarks:</b>	Bathymetry extracted from 3d Seismic data, acquired for PETROBRAS S.A. on 2001.	





**Watu Norte Canyon**

20	-39 35 57.4	-19 49 15.6
21	-39 35 15.6	-19 51 00.6
22	-39 33 41.7	-19 53 00.2
23	-39 32 20.8	-19 54 00.0
24	-39 32 30.0	-19 55 04.8
25	-39 31 42.1	-19 55 42.4
26	-39 30 43.0	-19 56 48.3
27	-39 31 42.5	-19 58 20.7
28	-39 32 01.2	-20 00 30.6

**Watu Sul Canyon**

31	-39 39 34.0	-19 52 27.6
32	-39 38 30.7	-19 53 19.0
33	-39 37 12.9	-19 54 34.1
34	-39 36 07.7	-19 55 44.3
35	-39 35 38.8	-19 57 32.8
36	-39 33 16.4	-19 58 19.5
37	-39 32 11.6	-19 59 17.4

<b>Proposer(s):</b>	Name(s):	PETROBRAS
	Date:	August 2011
	E-mail:	cizia@petrobras.com.br
	Organization and Address:	PETROBRAS - Edifício Lagoa de Imboassica, prédio 534, 2º andar, Parque de Tubos, Petrobras, Rodovia Amaral Peixoto, 11000, km 163, CEP 27925-290, Macaé, RJ.
	Concurrer (name, e-mail, organization and address):	Cízia Mara Hercos, cizia@petrobras.com.br PETROBRAS - Edifício Lagoa de Imboassica, prédio 534, 2º andar, Parque de Tubos, Petrobras, Rodovia Amaral Peixoto, 11000, km 163, CEP 27925-290, Macaé, RJ.

**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	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy
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MC 98011 MONACO CEDEX  
Principality of MONACO  
Fax: +377 93 10 81 40  
E-mail: [info@ihb.mc](mailto:info@ihb.mc)

75700 PARIS  
France  
Fax: +33 1 45 68 58 12  
E-mail: [info@unesco.org](mailto:info@unesco.org)