

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

Ocean or Sea **Atlantic Ocean**

Name proposed

Santa Catarina Plateau

Coordinates : **A** - of midpoint or summit : Lat. **30° 37' 44" S**, Long. **44° 20' 38" W**.

kilometres in direction from

and/or **B** - extremities (if linear feature) :

Lat. _____ } to { Lat. _____
Long. _____ } Long. _____

Description (kind of feature) : **Plateau**

Identifying or categorizing characteristics (shape, dimensions, total relief, least depth, steepness, etc.):

An elliptical shape plateau about 340 km on its major axis (NW-SE) and 150 km on its minor axis with a typical rough surface. Depths range from 3300 m to 4000 m with a difference bathymetric level of 500 m on its external escarpment.

Associated features : **Rio Grande Terrace and Florianopolis High**

Chart reference :

Shown with name on chart No. _____

Shown but not named on chart No. _____

Not shown but within area covered by chart No. **INT 201**

Reason for choice of name (if a person, state how associated with the feature to be named) : **The feature is offshore Santa Catarina State**

Discovery facts :

Date **1989** by (individuals or ship) **The Brazilian ship NOc Alte Camara – H-41**

By means of (equipment) : **Multi-channel seismic and Krup Atlas Deso 25**

Navigation used : **Transit and GPS systems**

Estimated positional accuracy in nautical miles : **0,1M**

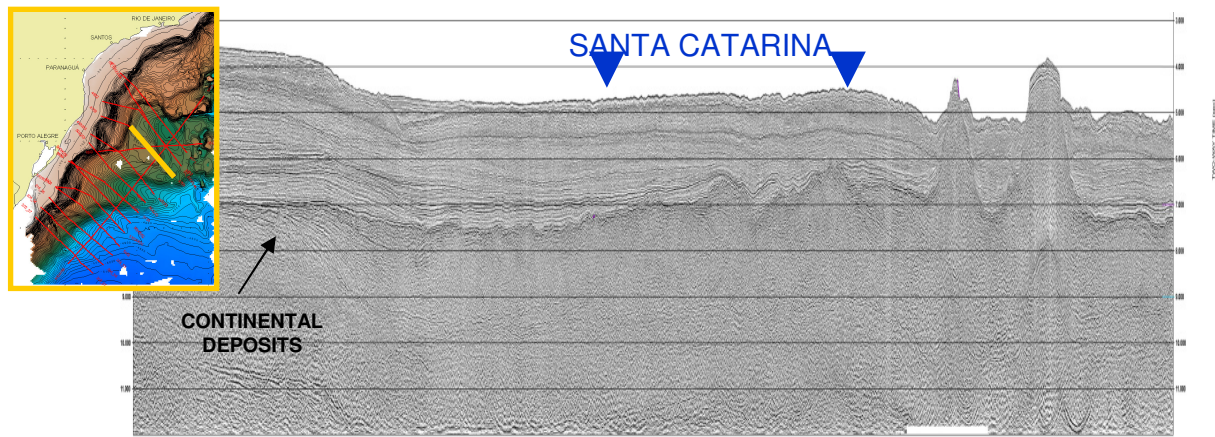
Description of survey (track spacing, line crossing, grid network, etc.) : **seismic track spacing profiles were 50M while the bathymetric ones were 20M apart.**

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.) : **Magnetic and gravity data were also acquired.**

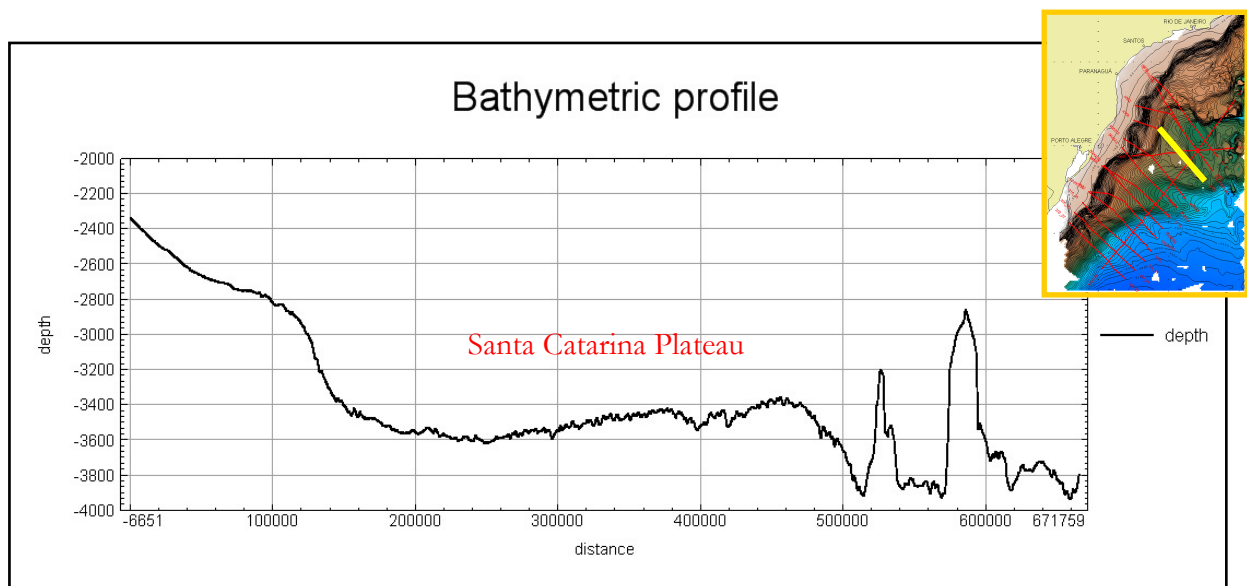
Supporting material : enclose, if possible, a sketch map of the survey area, profiles of the features, etc.,

with reference to prior publication, if any.

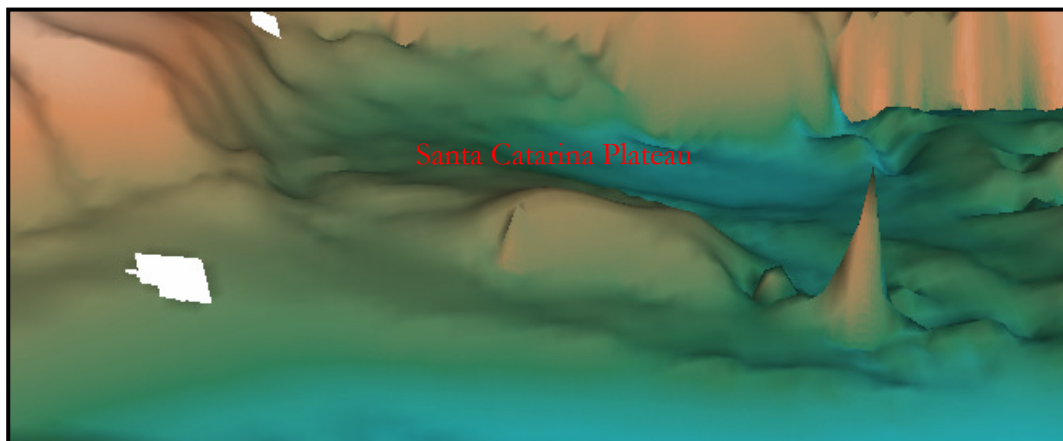
1) Seismic profile



2) Bathymetric profile



3) 3D view.



This Cruise was carried out by LEPLAC – The continental shelf survey during 1989 and were acquired by Almirante Câmara ship. The navigation systems used were Transit/GPS/Sonnar Doppler. The Bathymetric data were acquired employing echosounders suitable for deep waters and multi-channel seismic reflection equipment.

Submitted by : Brazilian Navy Hydrographic Center

Date : April, 2008

Address : Barão de Jaceguay Street – Ponta da Armação – Niterói – Rio de Janeiro - Brazil

ZIP code: 24.048-900

Concurred in by (if applicable) : _____

Address : _____

National Authority (if any) : Directorate of Hydrographic and Navigation - DHN

Address : Barão de Jaceguay Street – Ponta da Armação – Niterói – Rio de Janeiro - Brazil

ZIP code: 24.048-900

NOTE : This form should be forwarded, when completed :

- a) **If the undersea feature is located in territorial waters :-**
to your "National Authority for Approval of Undersea Feature Names" or, if this does not exist or is not known, either to the International Hydrographic Bureau or to the Intergovernmental Oceanographic Commission (see addresses below);
- b) **If the undersea feature is located in international waters :-**

to the International Hydrographic Bureau or to the Intergovernmental Oceanographic Commission, at the following addresses :

International Hydrographic Bureau
4, quai Antoine 1^{er}
B.P. 445
MC 98011 MONACO CEDEX
Principality of MONACO
Fax: +377 93 10 81 40
E-mail: info@ihb.mc

Intergovernmental Oceanographic Commission
UNESCO
Place de Fontenoy
75700 PARIS
FRANCE
Fax: +33 1 45 68 58 12
E-mail : info@unesco.org
