INTERNATIONAL HYDROGRAPHIC ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

IHO/IOC Form No. 1

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

Ocean or Sea Atlantic Ocean Name proposed Rio Grande do Norte Plateau

Coordinates : **A** - of midpoint or summit : Lat 4º 47' 00" S , Long. 35º 00'00" W

___ kilometres in _____direction from _____

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

Lat. _____ } to { Lat. _____

Long. _____ Long. _____

Description (kind of feature) : Seamount

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

It has an semi-elliptical shape with a smooth top relief (SW-NE). The surface depths of the plateau vary from 500m to 1000m toward to the outer edge at depths ranging from 3000m to 3600m. It has an upper slope until 600m and a lower slope between 1000m-3600m .

Associated features : Natal Canyon, Natal Terrace, and Fernando de Noronha Ridge

Chart reference :

Shown with name on chart No. INT 202

Shown but not named on chart No. INT 2114

Not shown but within area covered by chart No INT 22

Reason for choice of name (if a person, state how associated with the feature to be named) : The feature is offshore Rio Grande do Norte State

Discovery facts :

Date 1974 by (individuals or ship) R/V Chain

By means of (equipment): Shipboard computer systems, gravity meter system, towed magnetometer, seimic profiling, echo-sounding, sampling equipament.

Navigation used : Satellite

Estimated positional accuracy in nautical miles : 200 m (approximately)

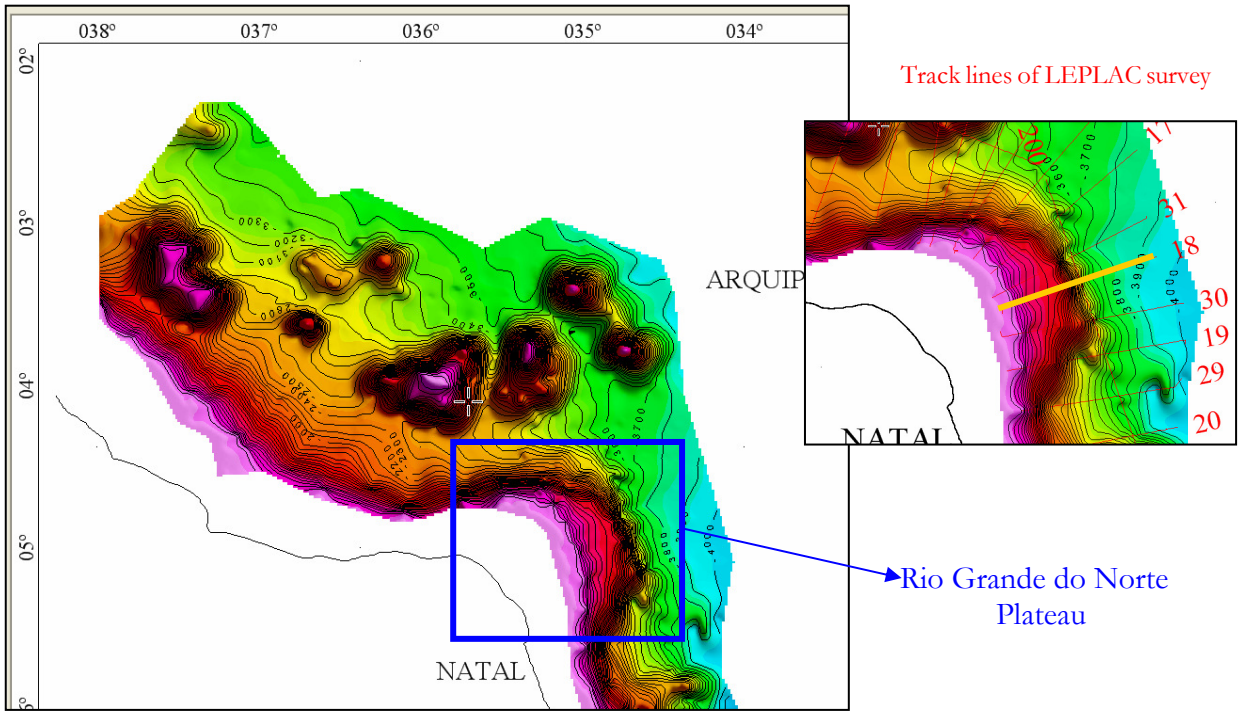
Description of survey (track spacing, line crossing, grid network, etc.) :
Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity,

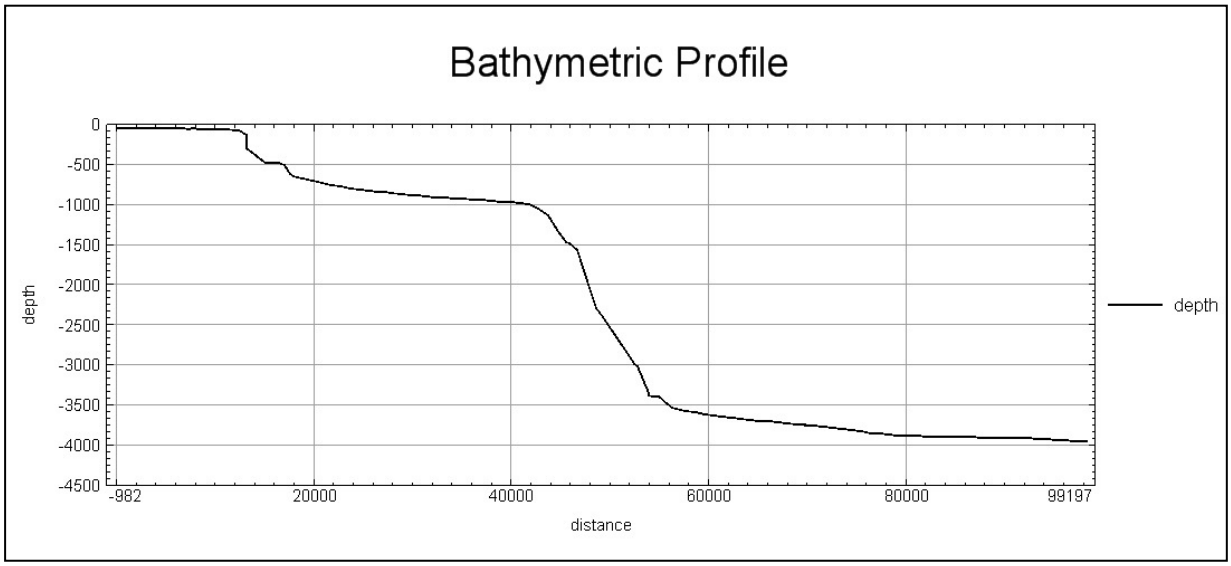
photographs, etc.) :
Cores, gravity, rock dredge, photographs, seismic profilers, magntometer

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

with reference to prior publication, if any :

Location of Rio Grande do Norte Plateau





These Cruises were carried out by LEPLAC – The continental shelf survey during 1994 and were acquired by NHi Sirius. The navigation systems used were Racal/GPS/TRIMBLE. The Bathymetric data were acquired employing Krupp Atlas Deso-25.

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

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