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 Admiral Paulo Moreira Seamount

Coordinates : **A** - of midpoint or summit : Lat. 12° 23'59" S , Long. 32° 59'00" 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 elongated shape, N-S direction with approximately 65 Km x 21Km at E-W direction. There are three peaks on a single base. Its depth varies from 2375 m at the top to 4500 m at the base.

Associated features : Bahia Seamounts

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 202

Reason for choice of name (if a person, state how associated with the feature to be named) : Vice-Admiral Paulo de Castro Moreira was born in Rio de Janeiro in 1919 and passed away in 1983. He participated of the Second War onboard of an American Destroyer. He was post graduate in Oceanography and was the founder of the Geophysical Department of the Brazilian Hydrographic Service. He became the Director of the Naval Research Institute and idealized the Institute of Marine Studies Admiral Paulo Moreira which works with Oceanography, marine geology and geophysical, hydrograph and acoustic submarine research.

Discovery facts ,

Date 1981 by (individuals or ship) Almirante Câmara

By means of (equipment) : 12 KHz Echo Sounder,

Navigation used : Satellite MAGNAVOX MX-1107S

Estimated positional accuracy in nautical miles : 150 m

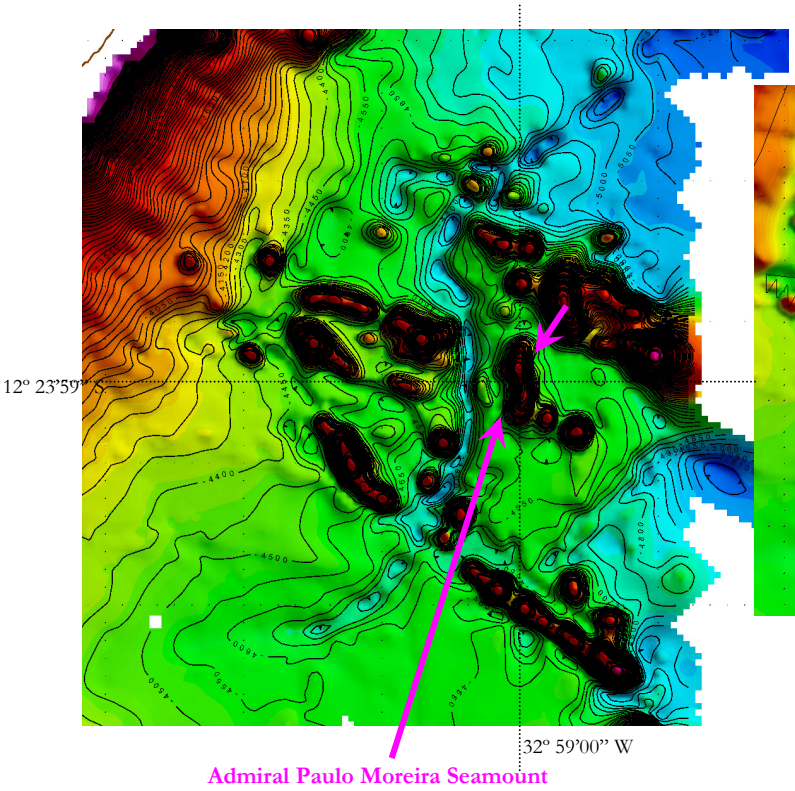
Description of survey (track spacing, line crossing, grid network, etc.) : Bathymetric track spacing profiles vary from 3000 m to 9000m

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity,

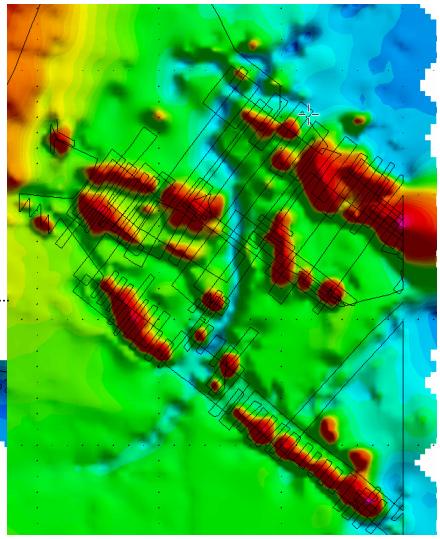
photographs, etc.) : Dredge samples, multibeam, proton-precession magnetometer, gravimetry, single channel seismic profiler were acquired by R.V. Conrad in 1989.

Supporting material : enclose, if possible, a sketch map of the survey area, profiles of the features, etc.,
with reference to prior publication, if any : Reference: N.Z. Cherckis, D.A. Chayes and L.C. Costa. The bathymetry and distribution of the Bahia Seamounts, Brazil Basin, 1991.

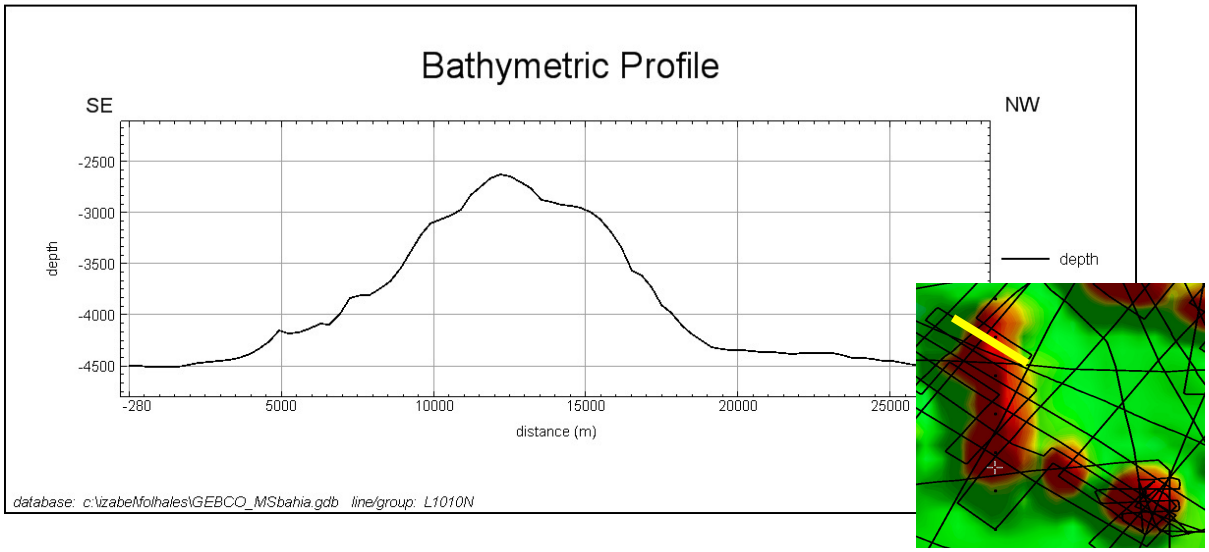
Localization of Admiral Paulo Moreira Seamount

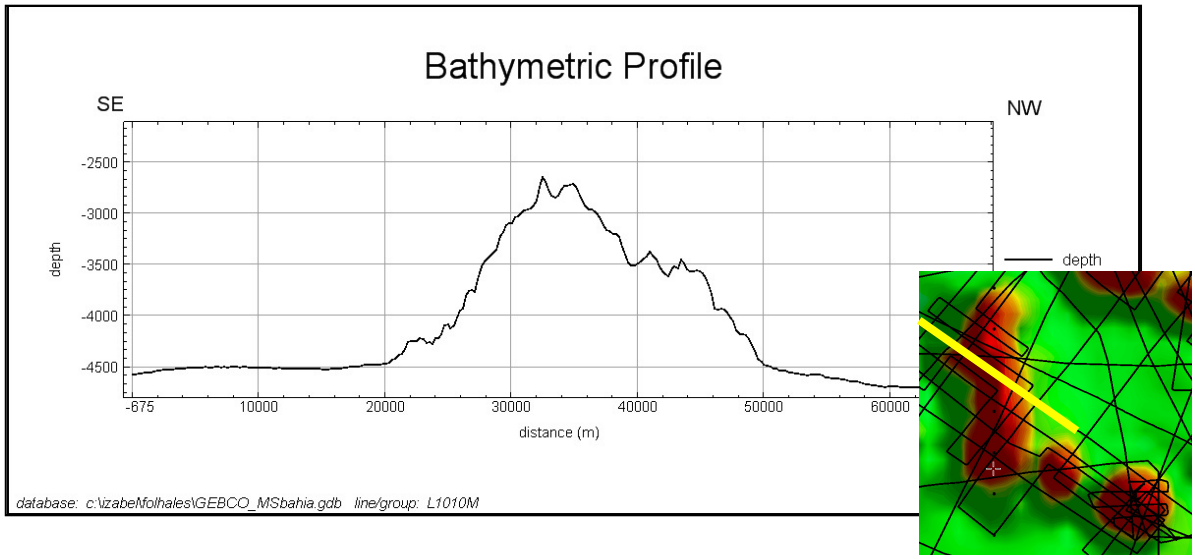


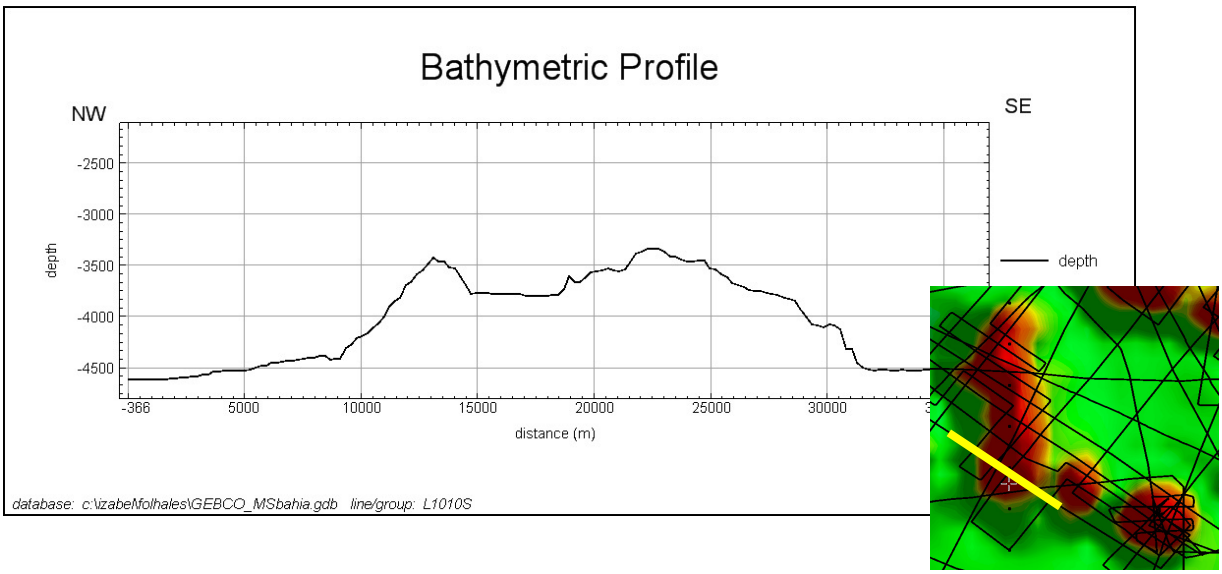
Track lines of Multibean survey (R.V. Conrad)



Bathymetric Profiles







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