

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

Ocean or Sea: **North Pacific Ocean** Name proposed **NIPPON FOUNDATION SEAMOUNTS**

Coordinates : A - of midpoint or summit : Lat. 13°27' 6"N , Long. 119°50'31"W

980 kilometres in west direction from Mexico.

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

Lat. 13° 40' 21" N	} to {	Lat. 13°41'42.95"N
Long. 120° 21' 46"W		Long. 120°40'20.47"W

Description (kind of feature) : **Group of 3 seamounts.**

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

They are a group of 3 aligned features located in international waters; their characteristics are:

Seamount 1:

Shape: conical seamount with a flat top, which is roughly circular of 4 km of radius. It base has a dimension of approx 17 km of radius.

Relief: 2350 m.

Least depth: 650 m.

Surrounding depths: between 3500 and 4000 m.

Steepness: 6° approx.

Seamount 2:

Shape: conical, it has two peaks on the top separated 4 km. Its base is approx. circular with a radius of 9 km in average.

Relief: 2250 m.

Least depth: 1150 m.

Surrounding depths: between 3500 and 4000 m.

Steepness: 3° in average.

Seamount 3:

Shape: conical seamount, its extension within center and base of the seamount of 10 km approx.

Relief: 2350 m.

Least depth: 850 m.

Surrounding depths: between 3500 and 4000 m.

Steepness: 4° in average.

Associated features : _____

Chart reference :

Shown with name on chart No.

Shown but not named on chart No. **Seamount 1 and 3 are showed at GEBCO 5.07, all of them at TOPO v9.1 Sandwell&Smith 2007.**

Not shown but within area covered by chart No. _____

Reason for choice of name (if a person, state how associated with the feature to be named) : **The Nippon Foundation is a grant making organization that supports innovative initiatives to bring about positive changes into our world. Thus, NF understood the societal importance of the ocean mapping and supports GEBCO to create a new generation of expertises on ocean mapping, spreading out its contribution to the capacity building to development countries, and assisting to establish a global network on ocean mapping. This name proposal it is a humble acknowledgment to NIPPON FOUNDATION.**

Discovery facts :

Date **April 1988** _____ by (individuals or ship) **R/V THOMAS WASHINGTON** cruise **RAIT03WT, University of California, Scripps Institution of Oceanography UC/ SIO.**

By means of (equipment) : **SEABEAM CLASSIC.**

Navigation used : **SATNAV, GPS, AUTOLOG GYRO + 2D DOPPLER SPD_**

Estimated positional accuracy in nautical miles: **0.1 Nm (approx.200m) to 0.3Nm (approx 600m).**

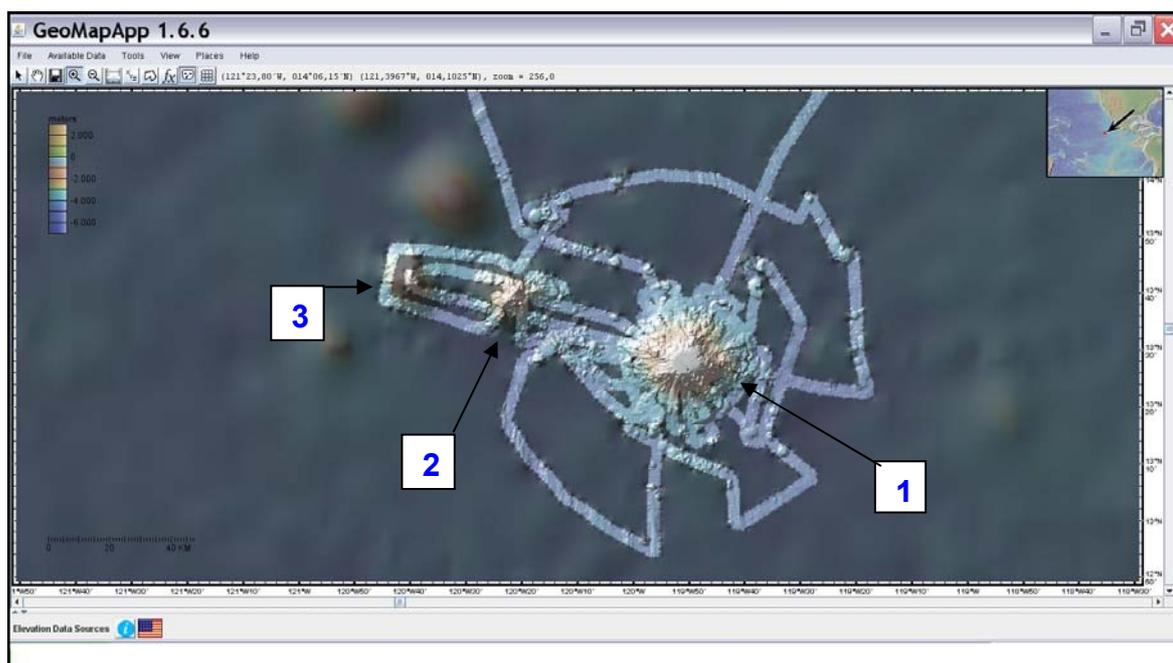
Description of survey (track spacing, line crossing, grid network, etc.) : **Radial track line design to full cover Seamount 1, and a quasi parallel track lines over Seamount 2 and 3, although there is not full swath bathymetry covering them.**

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.) : **Data available at UC/SIO repository and at the NGDC multibeam data base.**

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

with reference to prior publication, if any :

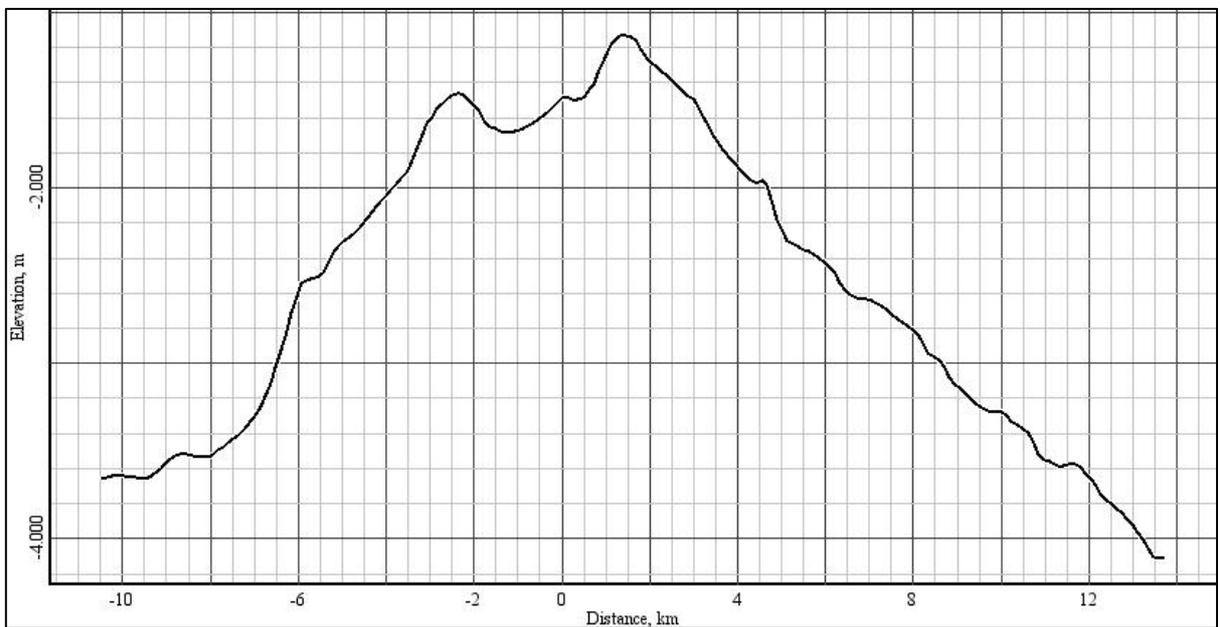
NIPPON FOUNDATION Seamounts



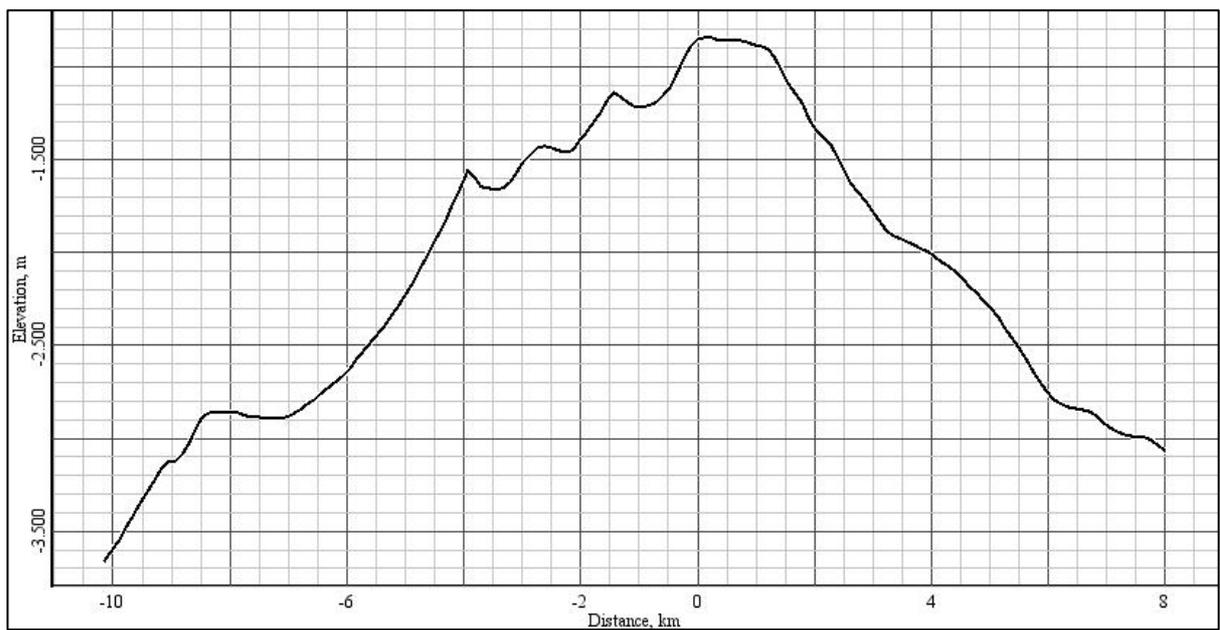
Seamount 1



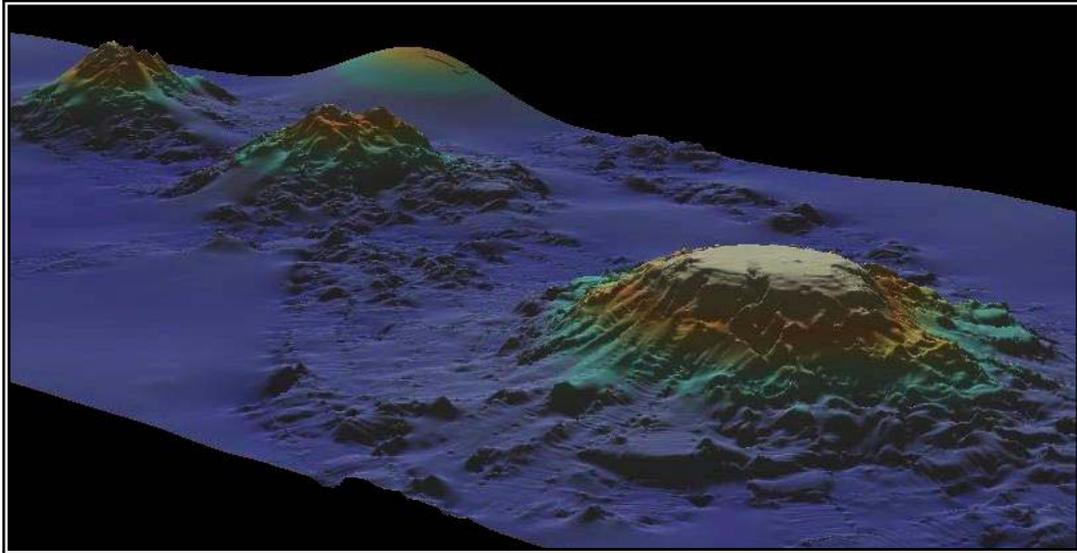
Seamount 2



Seamount 3



3D view of NIPPON FOUNDATION SEAMOUNTS



Submitted by : **GEBCO/NIPPON FOUNDATION Training Program Alumni, Walter REYNOSO-PERALTA .**

Date : **MAY 3RD, 2008** _____

Address : **CHACABUCO 361 P 10 "D" BUENOS AIRES 1069, ARGENTINA.**

Concurred in by (if applicable) :

Address : _____

National Authority (if any) : _____

Address : _____

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
