INTERNATIONAL HYDROGRAPHIC ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

IHO/IOC Form No. 1

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

Ocean or Sea Northwest Pacific Ocean Name proposed Okina Seamout

Coordinates : **A** - of midpoint or summit : Lat. 25º03' N , Long. 133º21' E

_____ kilometres in _____ direction from _____

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

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

Description (kind of feature) : seamount

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

Okina Seamount is one of the seamounts of the Chojyu Seamounts. It is located in the middle part of the Minami-Daito Basin, dividing the basin into two halves. It also coalesces with the Daito Ridge to the north. Chojyu Seamounts are located to the south of Okina Seamount. The seamount has the basal diameter ~ 15 km and relief ~ 3000 m.

Associated features : Chojyu Seamounts, Minami-Daito Basin and Daito Ridge

Chart reference :

Shown with name on chart No. _____

Shown but not named on chart No. Japanese chart No. 6725

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) :

"Okina" means "old man" in Japanese. Chojyu Seamounts are located to the south of Okina Seamount. "Chojyu" means "a long life" in Japanese. Since the seamount is close to Chojyu Seamount, "Okina" was considered appropriate.

Discovery facts :

Date Dec. 1983, Jan. 1984, May 2001 and June 2001

by (individuals or ship) The Japanese survey vessel "Takuyo"

By means of (equipment) : Multibeam Echo Sounder Classic SeaBeam and SeaBeam 2112

Navigation used : GPS

Estimated positional accuracy in nautical miles : 0.054 miles (100 m)

Description of survey (track spacing, line crossing, grid network, etc.) : The seamount was 100 % mapped with grossly N-S-oriented survey lines.

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.) : Hydrographic and Oceanographic Department of Japan has geomagnetic and gravity data; Japan Oil, Gas and Metals National Corporation has cored bottom samples.

Supporting material : enclose, if possible, a sketch map of the survey area, profiles of the features, etc., with reference to prior publication, if any : bathsymetric map (Fig.2) and map of survey lines (Fig.3)

Submitted by : Hydrographic and Oceanographic Department of Japan

Date : 18 April 2008

Address : 5-3-1 Tsukiji, Chuo-ku, Tokyo 104-0045, Japan

Concurred in by (if applicable) : _____

Address : _____

National Authority (if any) : Japanese Committee on Undersea Feature Names

Address : 5-3-1 Tsukiji, Chuo-ku, Tokyo 104-0045, Japan

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

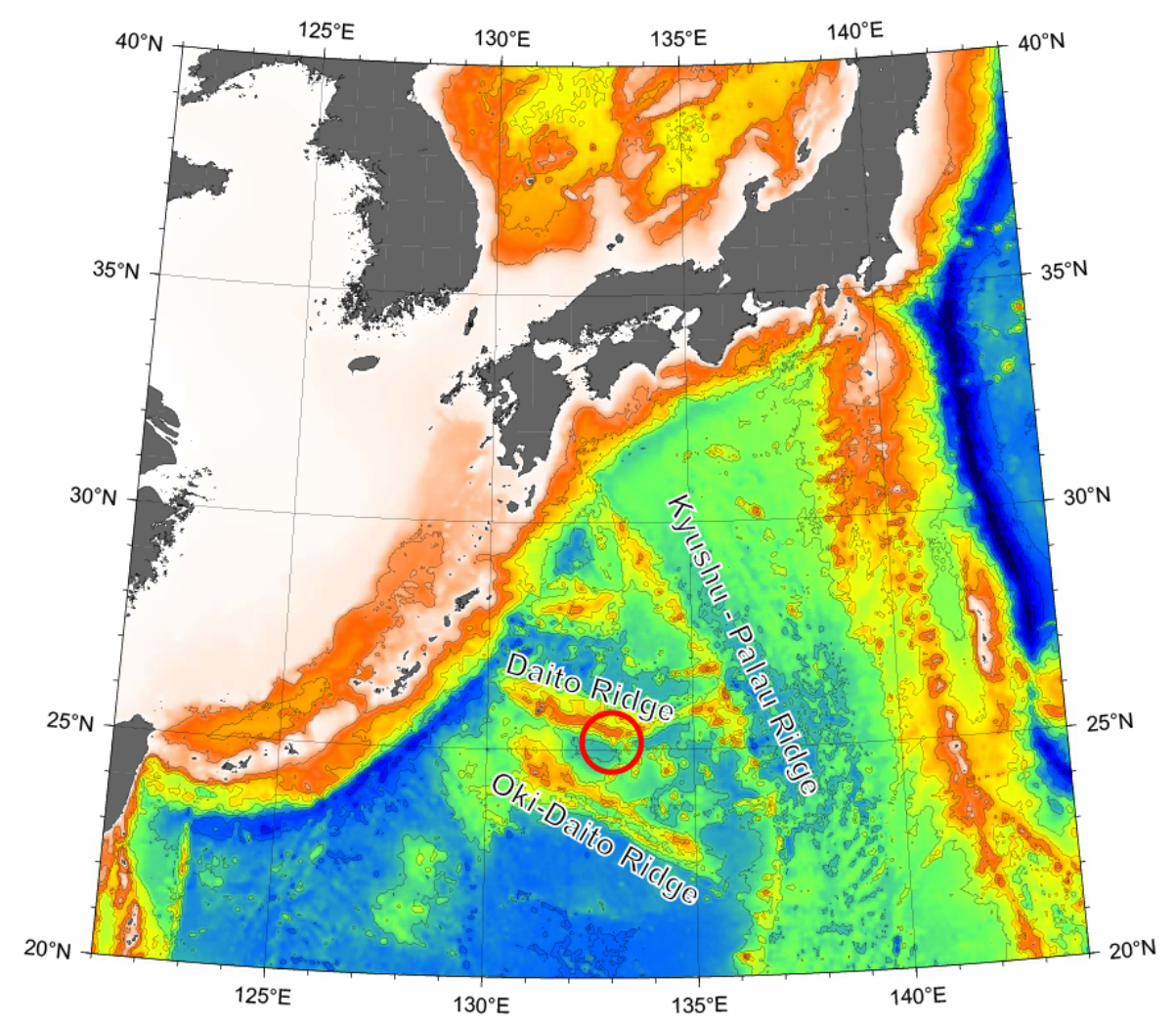

Fig. 1. Index map for Okina Seamount, using the bathymetry data of ETOPO-2. The red circle indicates Okina Seamount.

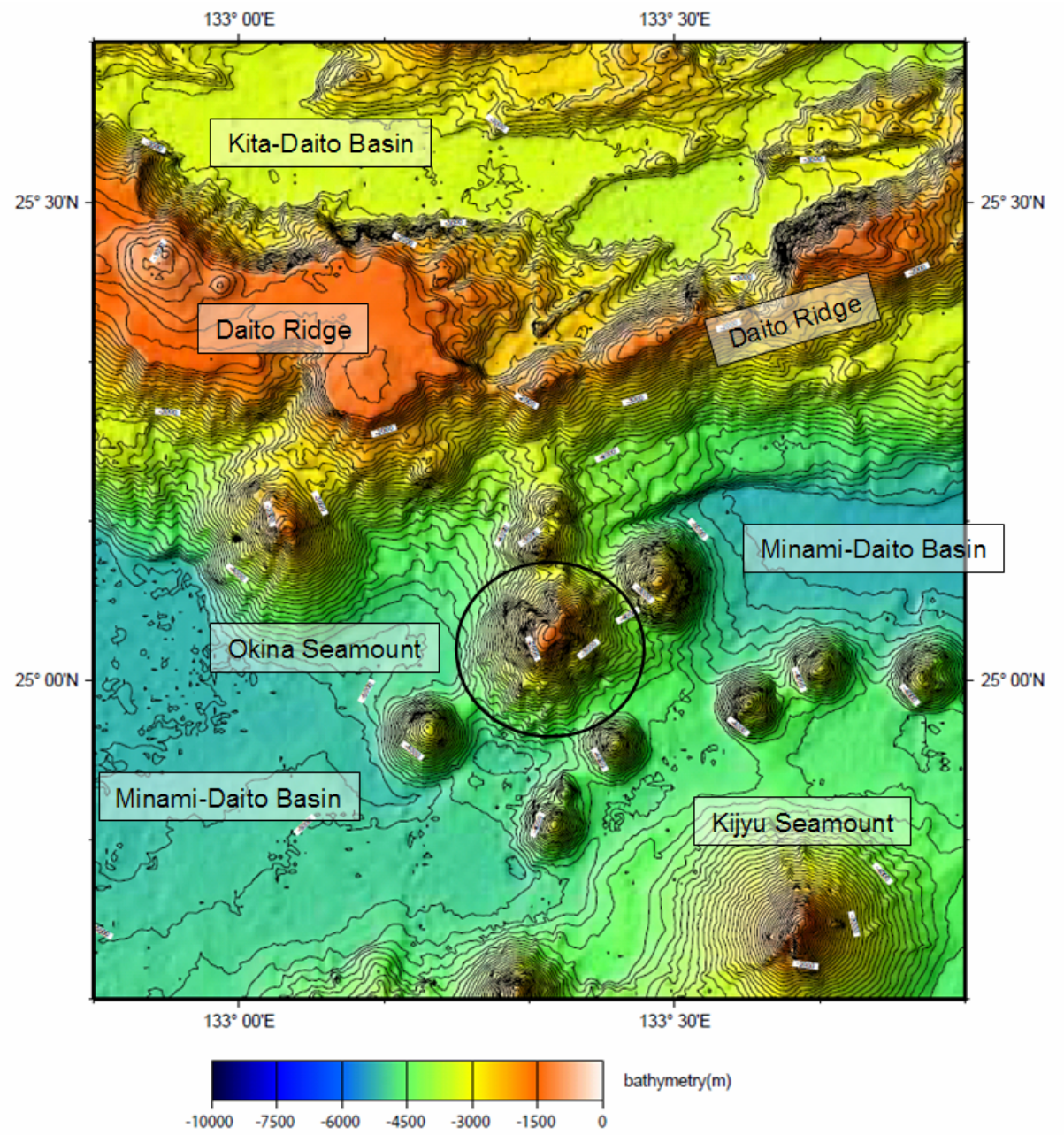

Fig. 2. Bathymetry of Okina Seamount (indicated by the black circle). Note that Kijyu Seamount belongs to "Chojyu Seamounts". Contours in 100 m.

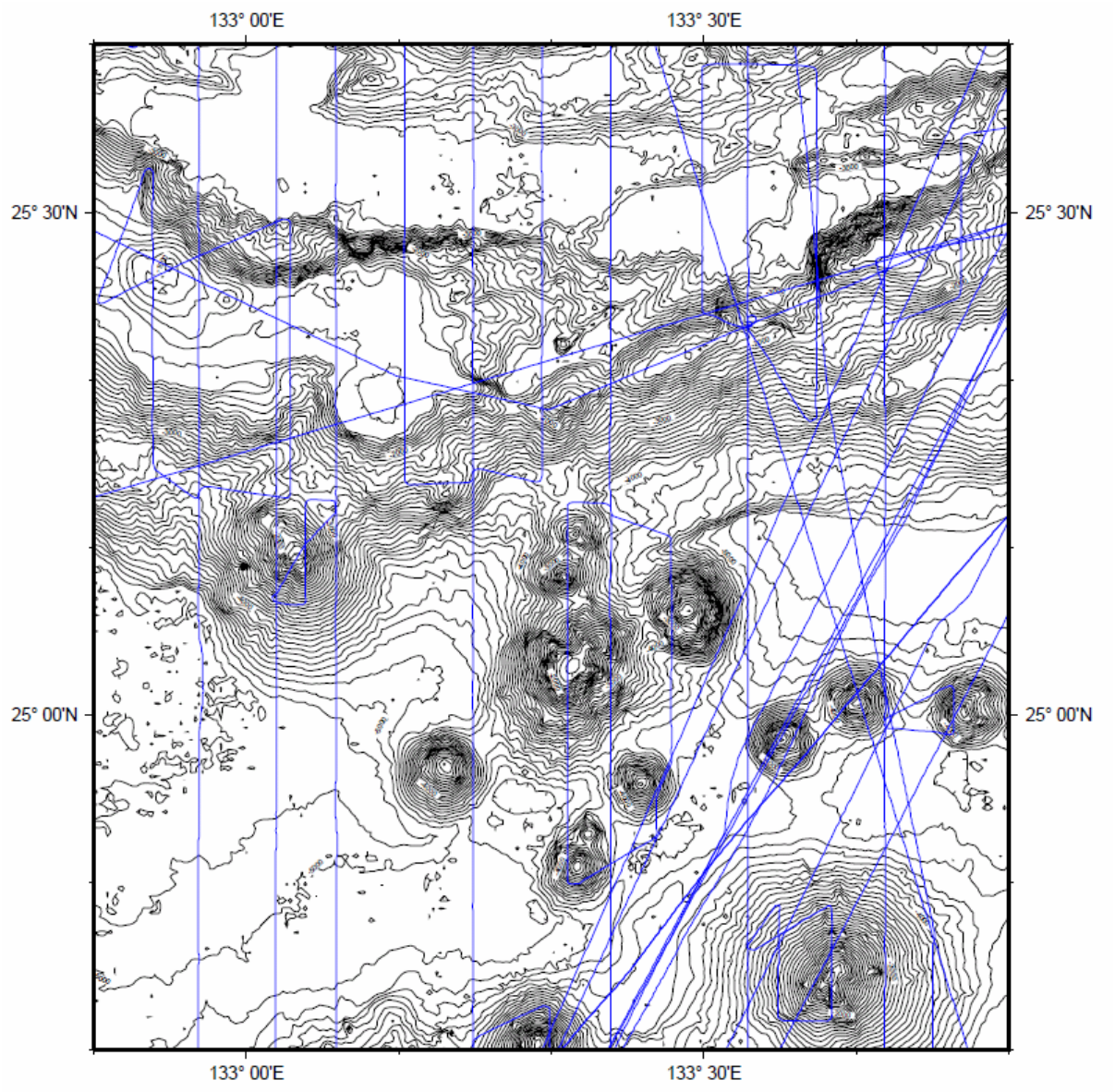

Fig. 3. Bathymetry of Okina Seamount, showing the track lines. Contours in 100 m.