INTERNATIONAL HYDROGRAPHIC ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

IHO/IOC Form No. 1

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

Ocean or Sea Philippine Sea Name proposed Kashino knoll

Coordinates : **A** - of midpoint or summit : Lat. 32°44′, Long. 136°55′

250 kilometres in South direction from Nagoya, SW Japan

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

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

Description (kind of feature) : Knoll

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

Kashino knoll is located ~15 km seaward of the trench axis, and is ~ 20km wide and 50 km long with a peak that is 900 m higher than the adjacent seafloor.

Associated features :

Chart reference :

Shown with name on chart No. _____

Shown but not named on chart No. _____

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 name "Kashino" refers to a region in a small island on the southern edge of the Kii peninsula, SW Japan. It is famous for "Kashino-zaki lighthouse" which is the oldest stone construction in Japan.

Discovery facts :

Date 2002 by (individuals or ship) JAMSTEC

By means of (equipment) : Seabeam Survey

Navigation used : GPS

Estimated positional accuracy in nautical miles : ± 50 meters

Description of survey (track spacing, line crossing, grid network, etc.) : grid

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.) :

Supporting material : enclose, if possible, a sketch map of the survey area, profiles of the features, etc., with reference to prior publication, if any :

Three maps are attached. The first map shows the tectonic setting of SW Japan. The second map shows the locations of the Kii Peninsula and Kashino knoll. The third map shows the bathymetry of Kashino knoll.

Submitted by :

SOEST, University of Hawaii

Date :

Address :

SOEST, University of Hawaii, 1680 East-West Rd., POST 813, Honolulu, HI 96822, U.S.A.

Concurred in by (if applicable) :

CDEX, JAMSTEC

Address :

Center for Deep Earth Exploration (CDEX), Yokohama Institute for Earth Science , JAMSTEC,
3173-25 Showa – machi, Kanazawa Yokohama, 236-0001 JAPAN

National Authority (if any) :

Address :

NOTE : This form should be forwarded, when completed :

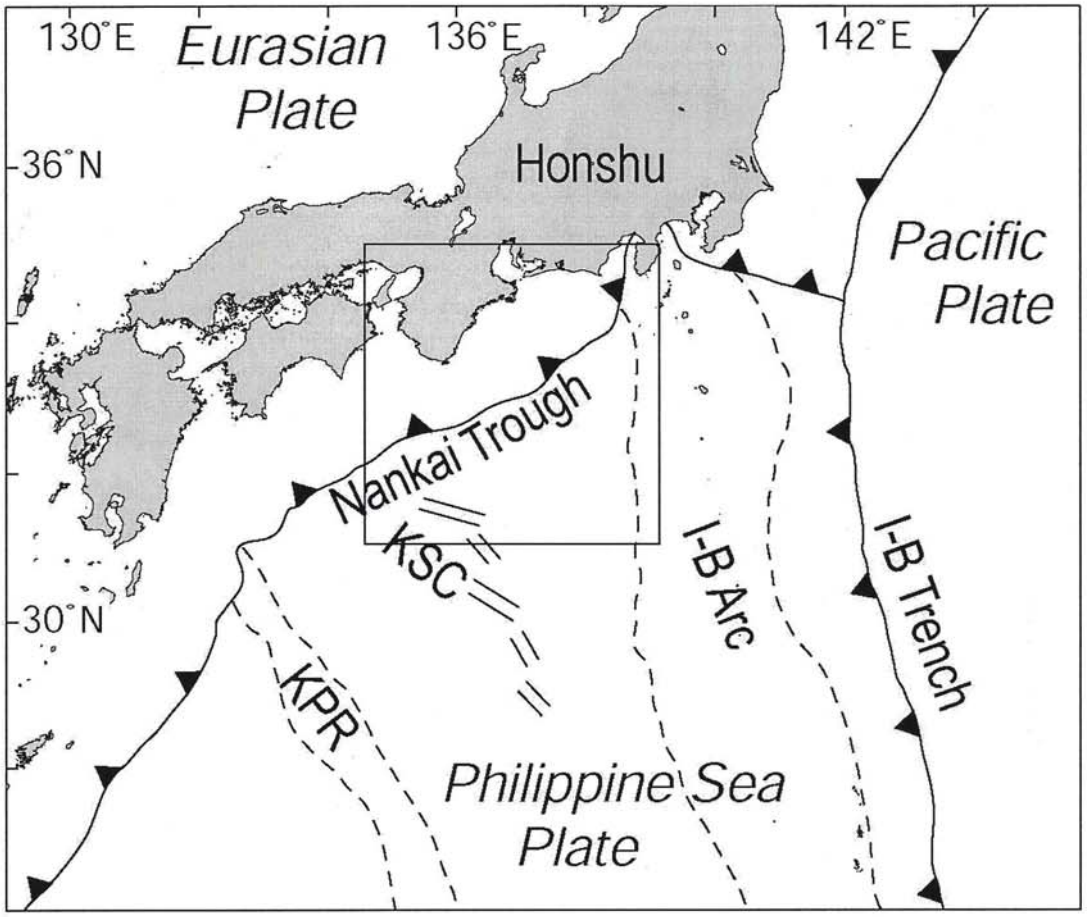
a) **If the undersea feature is located in territorial waters** :-
to your "National Authority for Approval of Undersea Feature Names" or, if this does not exist or is not known, either to the International Hydrographic Bureau or to the Intergovernmental Oceanographic Commission (see addresses below);

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 :

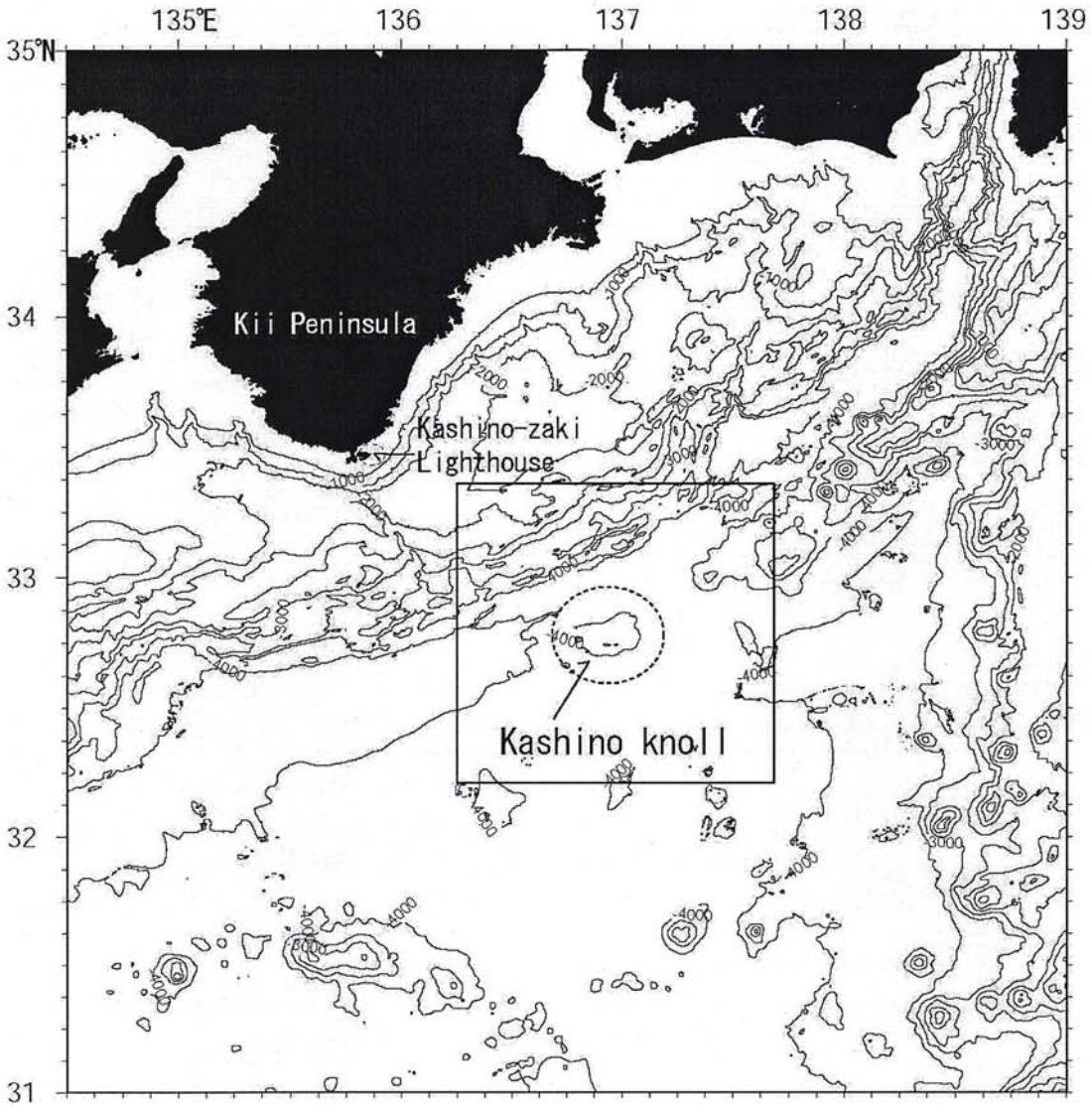
International Hydrographic Bureau
4, quai Antoine 1er
B.P. 445
MC 98011 MONACO CEDEX
Principality of MONACO
Fax: +377 93 10 81 40
E-mail: info@ihb.mc

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

Tectonic map of SW Japan
Inbox shows the location of the next figure.



Location of the Kii Peninsula, Kashino-zaki lighthouse, and Kashino knoll
Inbox shows the location of the next figure.



Bathymetric map around Kashino knoll