

INTERNATIONAL HYDROGRAPHIC ORGANIZATION	INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)
--	---

UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

Note: The boxes will expand as you fill the form.

Name Proposed: Iwaki Seamount **Ocean or Sea:** Northwest Pacific Ocean**Geometry** that best defines the feature (Yes/No) :

Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
-------	------	---------	-----------------	-----------------	--------------------	----------------------------

YES

* Geometry should be clearly distinguished when providing the coordinates below.

Coordinates:	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
	36°53.0'N (summit)	144°52.0'E (summit)
	37°01.1'N	145°04.8'E
	37°04.1'N	144°55.9'E
	37°05.0'N	144°46.3'E
	36°57.4'N	144°35.6'E
	36°51.9'N	144°32.5'E
	36°43.4'N	144°34.9'E
	36°37.0'N	144°45.0'E
	36°41.5'N	144°57.3'E
36°47.8'N	145°07.8'E	
36°54.6'N	145°08.3'E	

Feature Description:	Maximum Depth:	5600 m	Steepness :	
	Minimum Depth :	1700 m	Shape :	
	Total Relief :	3900 m	Dimension/Size :	60 km x 60 km

Associated Features: This seamount has a gradual slope top. Iwaki Seamount and Hitachi Seamount are connected by a saddle of 3700 m in depth.

Chart/Map References:	Shown Named on Map/Chart:	6312, W1004B,W1009
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Accredited by: SCUFN (Jun. 1997)
	Named after the nearby twon "Iwaki" in Japan.

Discovery Facts:	Discovery Date:	May 2005
	Discoverer (Individual, Ship):	The Japanese survey vessel "Shoyo"

Supporting Survey Data, including Track Controls:	Date of Survey:	May 2005
	Survey Ship:	The Japanese survey vessel "Shoyo"
	Sounding Equipment:	Multibeam Echo Sounder SEABEAM2112
	Type of Navigation:	GPS without Selective Availability
	Estimated Horizontal Accuracy (nm):	0.014 miles (26 m)
	Survey Track Spacing:	10 miles (5 miles on summit area)
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):

Name(s): Hydrographic and Oceanographic of Japan
Date: 15 July 2009
E-mail:
Organization and Address: Hydrographic and Oceanographic Department, Japan Coast Guard
Tsukiji 5-3-1, Chuo-ku, Tokyo 104-0045, Japan

Concurrer (name, e-mail, organization and address):

Remarks:

"Iwaki Guyot" and "Futaba Seamount" are registered as the almost same location in the gazetter. Note that "Futaba Seamount" is appeared as "Futaba Seamount" in the gazetter. This proposal is to clarify and to identify those feature names. Masalu et al. (2001) shows topographic features in the Joban seamount area. They called the center seamount "Iwaki Seamount", the northern seamount "Futaba Seamount", and the southwestern Seamount "Hitachi seamount". This proposal is based on them.

References

Masalu, D.C.P., Y. Ogawa, and K. Kobayashi, Bathymetry of the Joban seamount chain, northwestern Pacific. *Marine Geology*, 173, 87-96, 2001.

NOTE : This form should be forwarded, when completed :

- a) If the undersea feature is located inside the external limit of the territorial sea :-
to your "National Authority for Approval of Undersea Feature Names" (see page 2-9) or, if this does not exist or is not known, either to the IHB or to the IOC (see addresses below);
- b) If at least 50 % of the undersea feature is located outside the external limits of the territorial sea :-
to the IHB or to the IOC, at the following addresses :

International Hydrographic Bureau (IHB) 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 (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
---	---

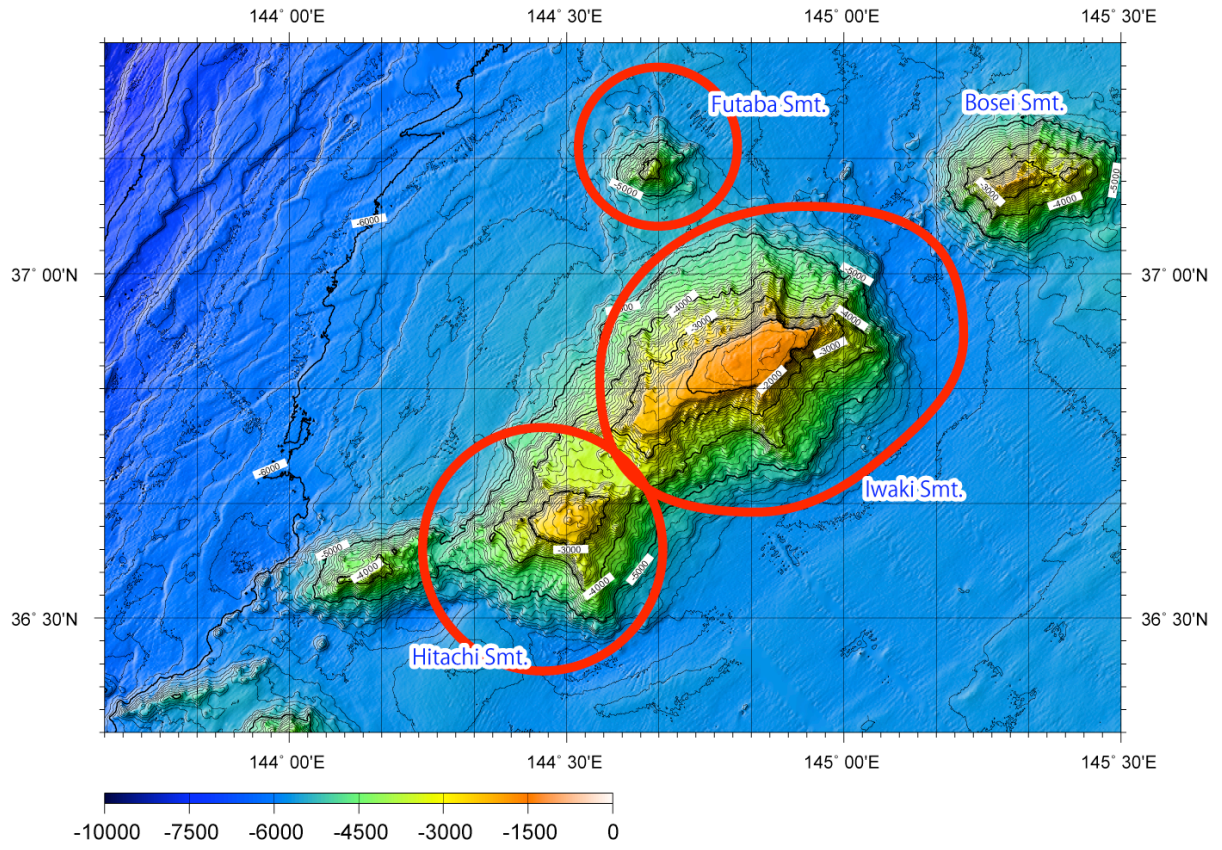


Fig. 1. Bathymetric map of the Futaba and Iwaki Seamounts. Contours are in 100 m.

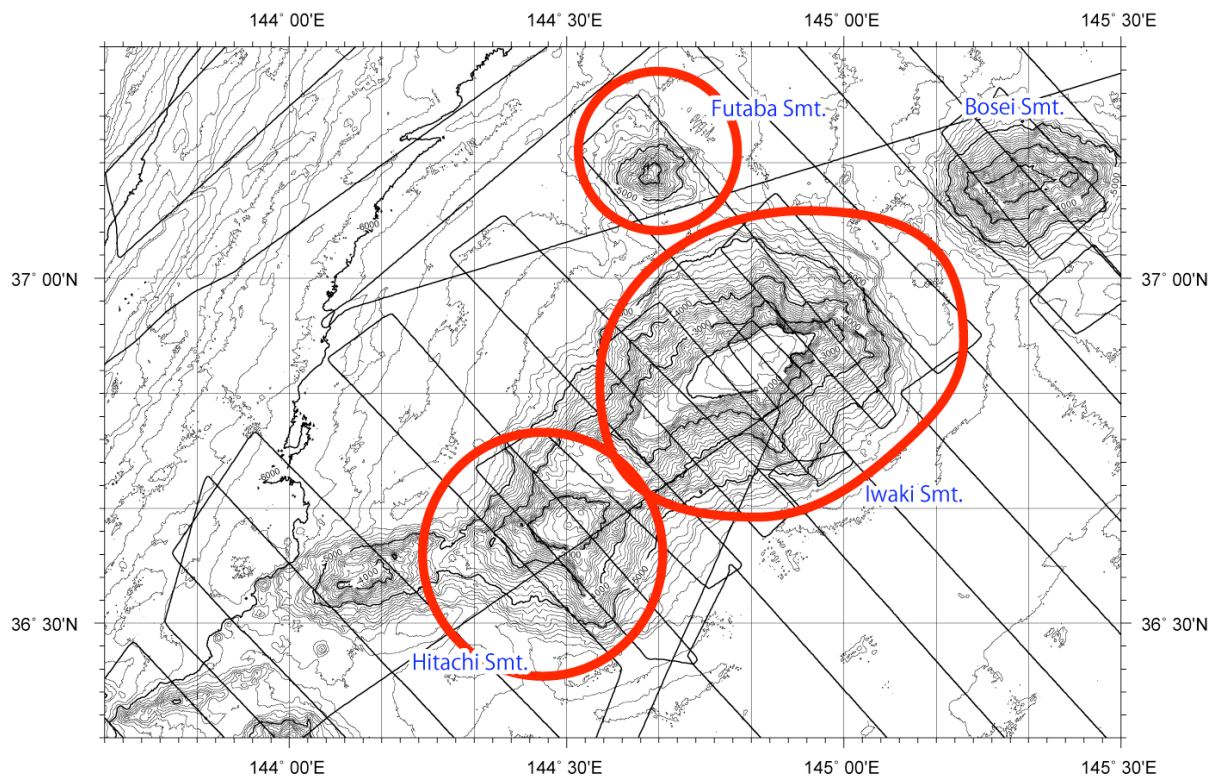


Fig. 2. Bathymetric map of the Futaba and Iwaki Seamounts, showing track lines. Contours are in 100