

UNDERSEA FEATURE NAME PROPOSAL
(Sea NOTE overleaf)

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

Name Proposed:	Kaiyo Seamount	Ocean or Sea:	Japan Sea
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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)
	44°11.8'N	139°13.8'E
	44°01.9'N	139°22.4'E
	43°52.9'N	139°22.1'E
	43°43.9'N	139°19.5'E
	43°38.0'N	139°09.4'E
	43°41.3'N	139°00.5'E
	43°54.7'N	138°56.5'E
	43°57.4'N	139°03.8'E
	44°02.6'N	139°05.8'E
	44°05.6'N	139°04.4'E

Feature Description:	Maximum Depth :	3300 m	Steepness :	
	Minimum Depth :	924 m	Shape :	Elongated shape
	Total Relief :	2376 m	Dimension/Size :	

Associated Features:	Okushiri Ridge, Shiribeshi Seamount, Japan Basin
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Chart/Map References:	Shown Named on Map/Chart:	Japanese bathymetric chart 6311
	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):	Named after the discovering ship, S/V Dai-yon Kaiyo.
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Discovery Facts:	Discovery Date:	1952
	Discoverer (Individual, Ship):	S/V Dai-yon Kaiyo (JHOD)

Supporting Survey Data, including Track Controls:	Date of Survey:	July 2001
	Survey Ship:	R/V Yokosuka
	Sounding Equipment:	SeaBeam 2112
	Type of Navigation:	GPS without Selective Availability
	Estimated Horizontal Accuracy (nm):	0.014 nm
	Survey Track Spacing:	See Fig. 3
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	JCUFN
	Date:	Sep. 21, 2012
	E-mail:	ohara@jodc.go.jp
	Organization and Address:	Hydrographic and Oceanographic Department of Japan 2-5-18 Aomi, Koto-ku, Tokyo 135- 0064, Japan
	Concurrer (name, e-mail, organization and address):	

Remarks:	<ul style="list-style-type: none"> • Shiribeshi Seamount is already included in the GEBCO Gazetteer, although the position is mistakenly registered as 43°33.00'N, 139°44.00'E. • Relevant papers are: <ul style="list-style-type: none"> ◇ Okamura et al., 2002, Tectonic, geochemical and biological studies in the eastern margin of the Japan Sea: preliminary results of Yokosuka/Shinkai 6500 YK01-06 cruise, JAMSTEC Deep Sea Res, 20, 77-114. ◇ Okamura et al., 2005, Paleoseismology of deep-sea faults based on marine surveys of northern Okushiri Ridge in the Japan Sea, Journal of Geophysical Research, 110, B09105, doi: 10.1029/2004JB003135.
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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 <u>Principality of MONACO</u> 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
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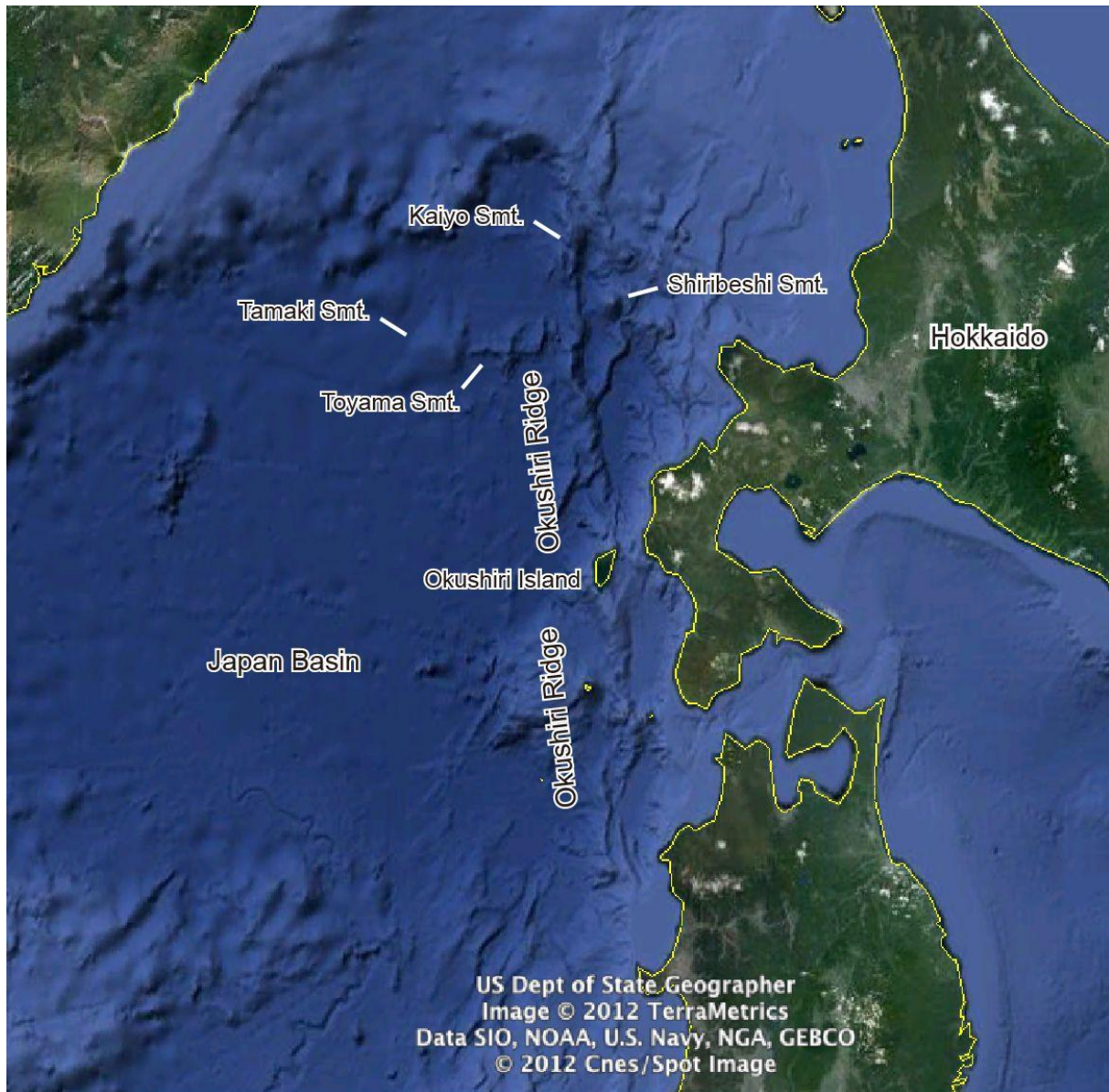


Fig 1. Index map showing the locations of Kaiyo Seamount and Okushiri Ridge based on captured Google Earth image. Hokkaido is the northernmost part of Japan. Tamaki Seamount was accredited by SCUFN-24. Toyama Seamount is included in ACUF Gazetteer.

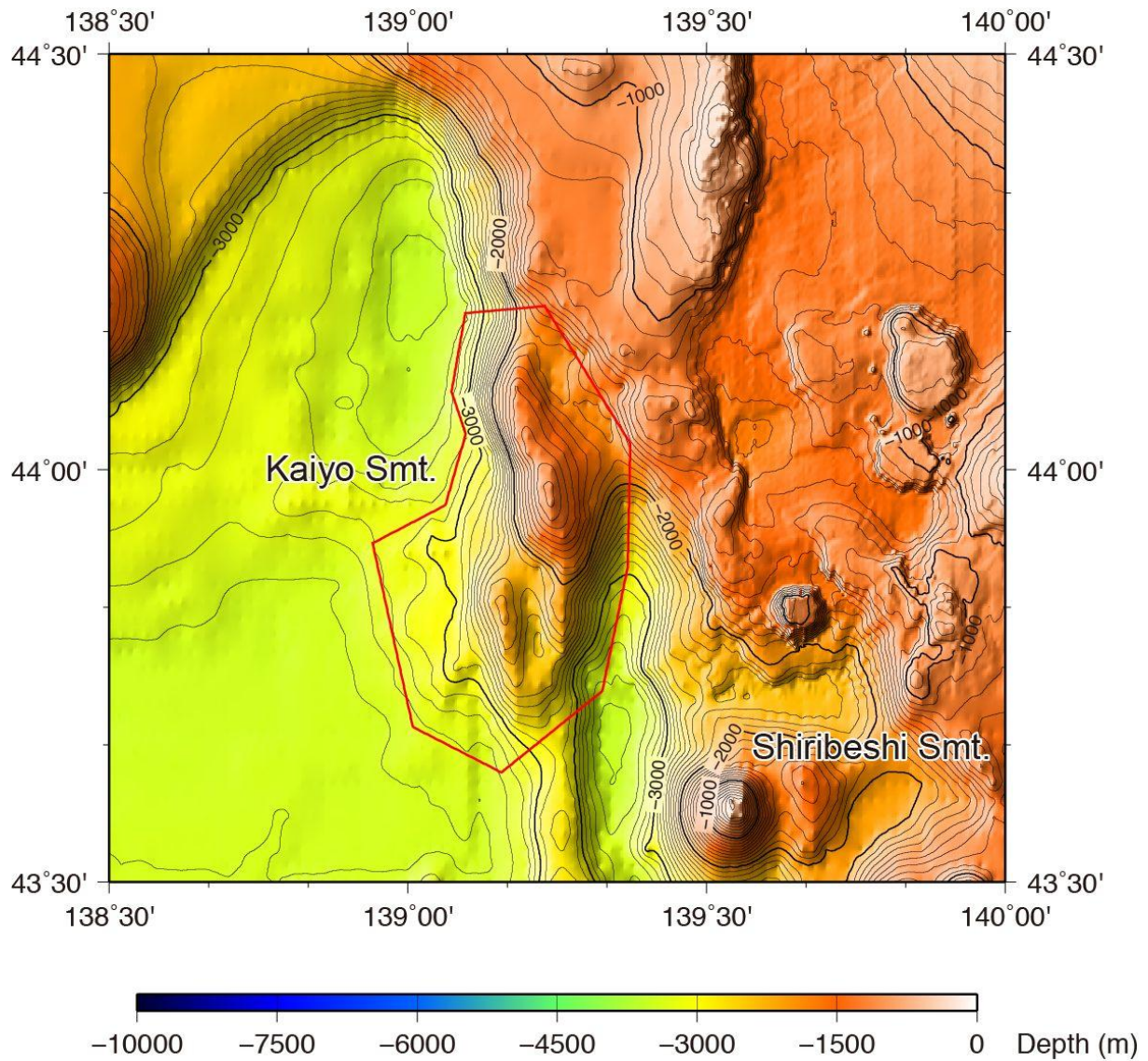


Fig 2. Color shaded bathymetric map of Kaiyo Seamount. Contours are in 100 m. The polygon delineating the feature is shown in red. It should be noted that the raw data indicate that the minimum depth of Kaiyo Seamount is 924 m, but the gridded data cannot reproduce the 1000 m contour.

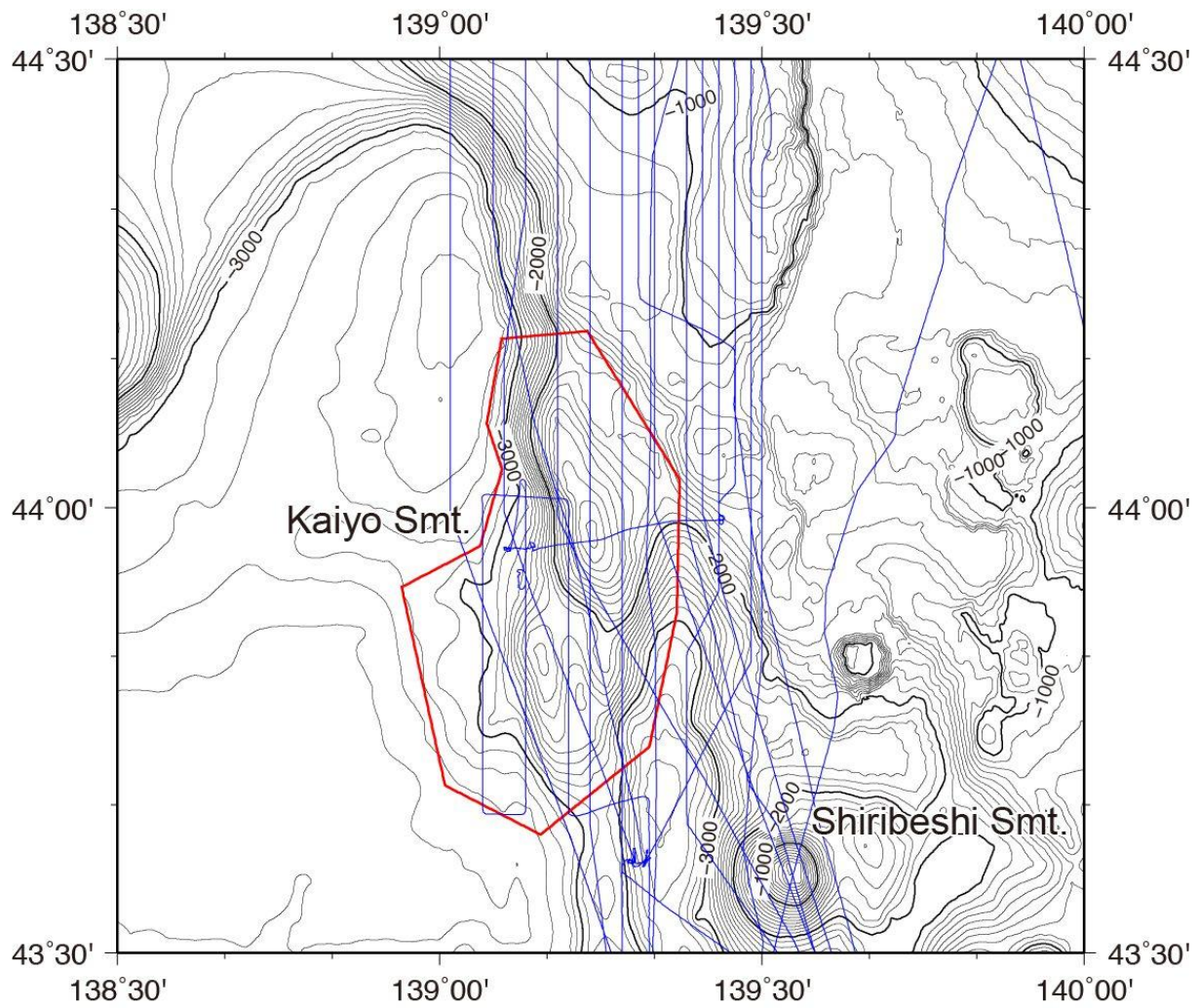


Fig 3. Bathymetric map of Kaiyo Seamount. Contours are in 100 m. The polygon delineating the feature is shown in red. Ship tracks are also shown in blue.