

INTERNATIONAL HYDROGRAPHIC ORGANIZATION	INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)
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UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

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

Name Proposed:	Irago Knoll	Ocean or Sea:	Northwest Pacific Ocean
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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.

	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
Coordinates:	32°59.7'N (summit)	137°23.6'E (summit)
	33°03.0'N	137°17.5'E
	33°05.0'N	137°22.0'E
	33°07.0'N	137°23.0'E
	33°08.0'N	137°28.0'E
	33°07.0'N	137°30.0'E
	33°04.0'N	137°32.0'E
	33°01.0'N	137°33.5'E
	32°59.0'N	137°33.0'E
	32°58.5'N	137°31.0'E
	32°59.0'N	137°28.0'E
	32°56.0'N	137°26.0'E
	32°56.0'N	137°21.0'E
33°00.0'N	137°17.5'E	

Feature Description:	Maximum Depth:	4250 m	Steepness :	
	Minimum Depth :	3350 m	Shape :	
	Total Relief :	900 m	Dimension/Size :	25 km × 25 km

Associated Features:	The Irago Knoll is located to the west of the Enshunada-oki Seamount. All of these are part of the Zenisu Ridge.
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	6302,6602
	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 Irago Cape that is located to the west of the Enshunada Sea.
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Discovery Facts:	Discovery Date:	Apr. 1987
	Discoverer (Individual, Ship):	The Japanese Survey Vessel "Takuyo"

Supporting Survey Data, including Track Controls:	Date of Survey:	May. – Aug. 1995 Jun. – Jul. 2002
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	Survey Ship:	The Japanese Survey Vessel "Meiyo" (1995) The Japanese Survey Vessel "Takuyo" (2002)
	Sounding Equipment:	Multibeam echo sounder SeaBeam 2000 (1995) SeaBeam 2112 (2002)
	Type of Navigation:	GPS with Selective Availability (1995) GPS without Selective Availability (2002)
	Estimated Horizontal Accuracy (nm):	0.054 nm (100 m, 1995) 0.014 nm (26 m, 2002)
	Survey Track Spacing:	Less than 13 km
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	JCUFN
	Date:	08/09/10
	E-mail:	ohara@jodc.go.jp
	Organization and Address:	Hydrographic and Oceanographic Department, Japan Coast Guard Tsukiji 5-3-1, Chuo-ku, Tokyo, Japan
	Concurrer (name, e-mail, organization and address):	

Remarks:	This is the unnamed knoll 14 in the reserve section of the gazetteer.
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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 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
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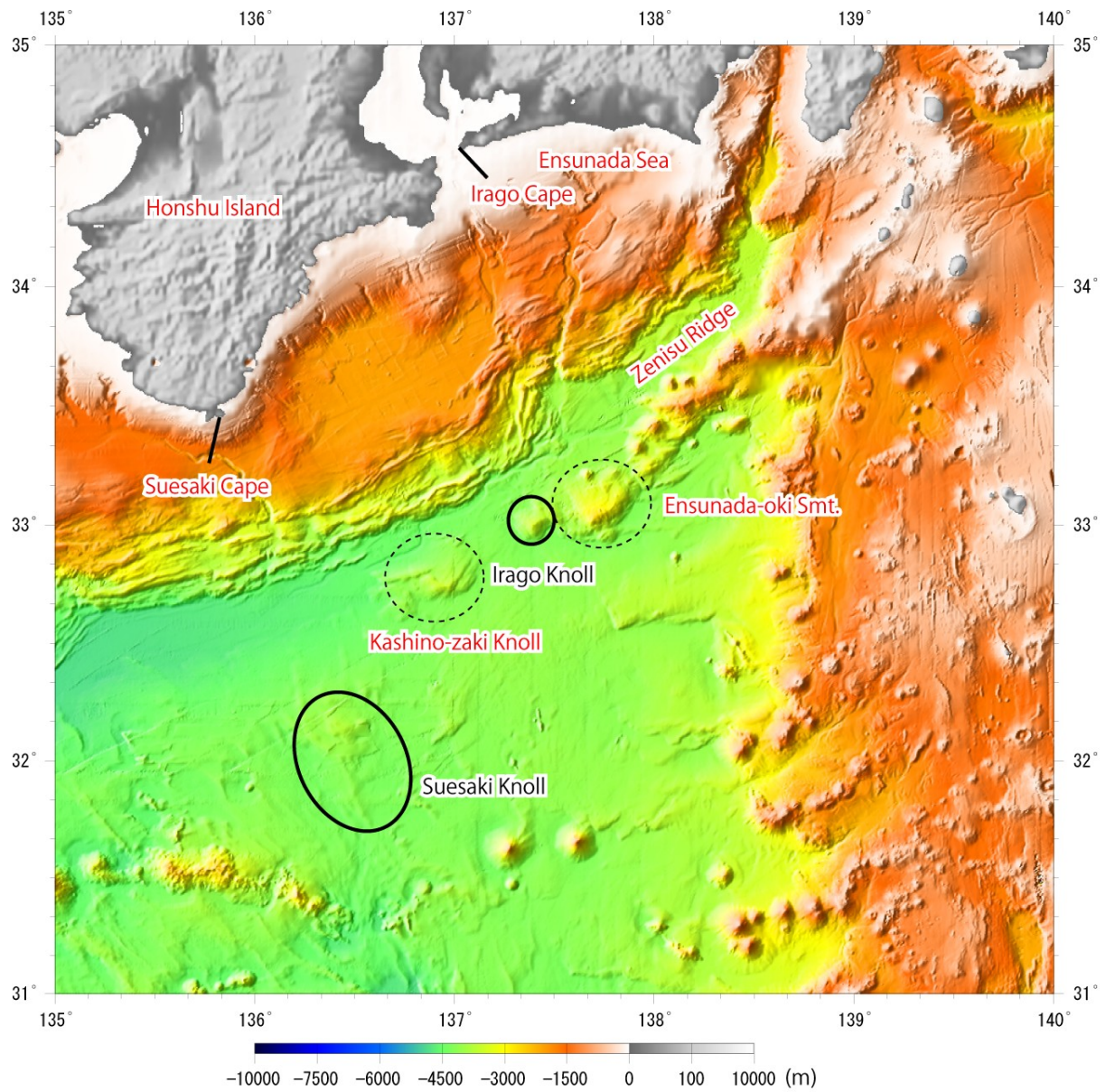


Fig. 1. Index map showing the location of the Irago Knoll.

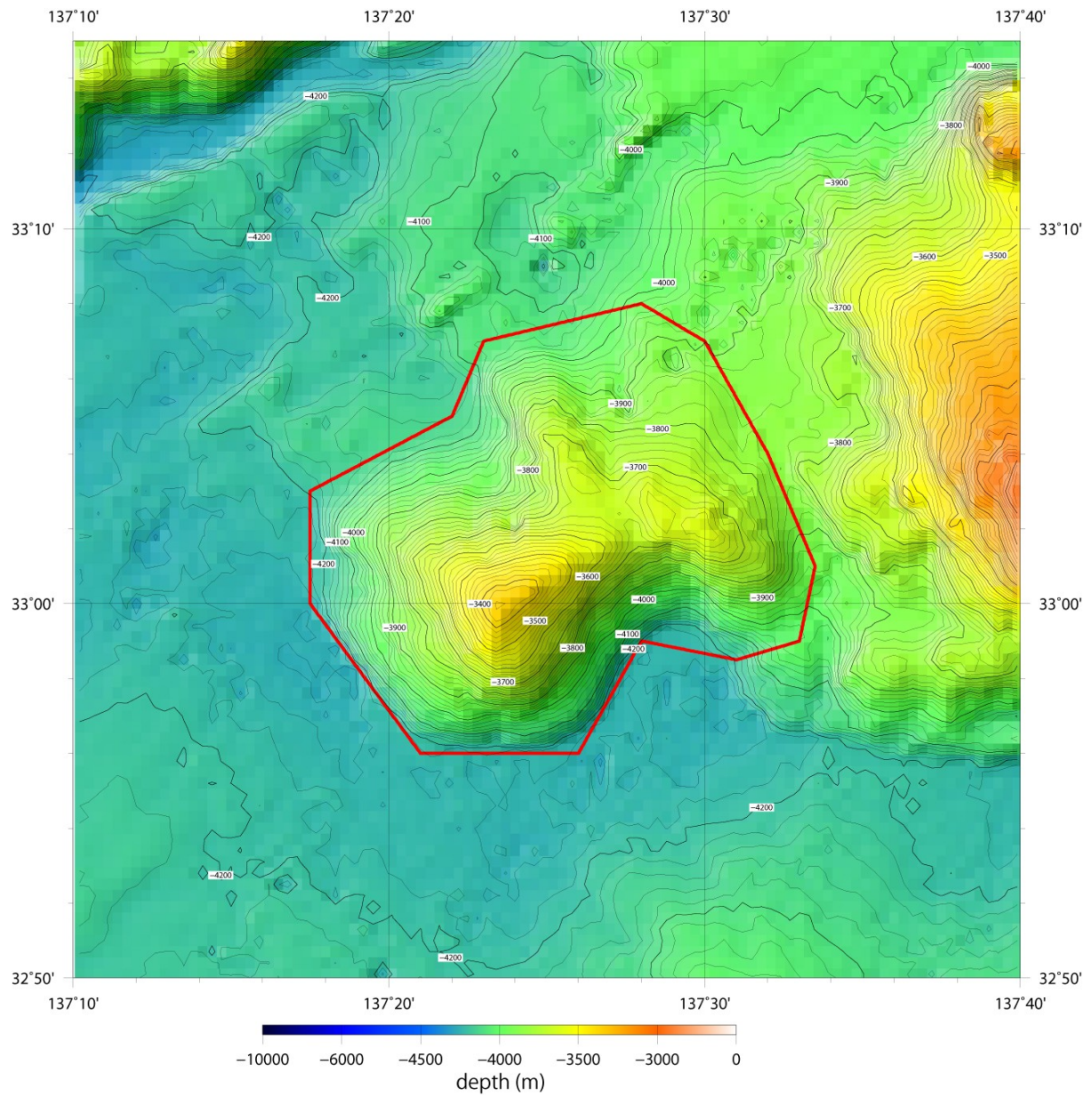


Fig. 2. Bathymetric map of the Irago Knoll. Contours are in 20 m.

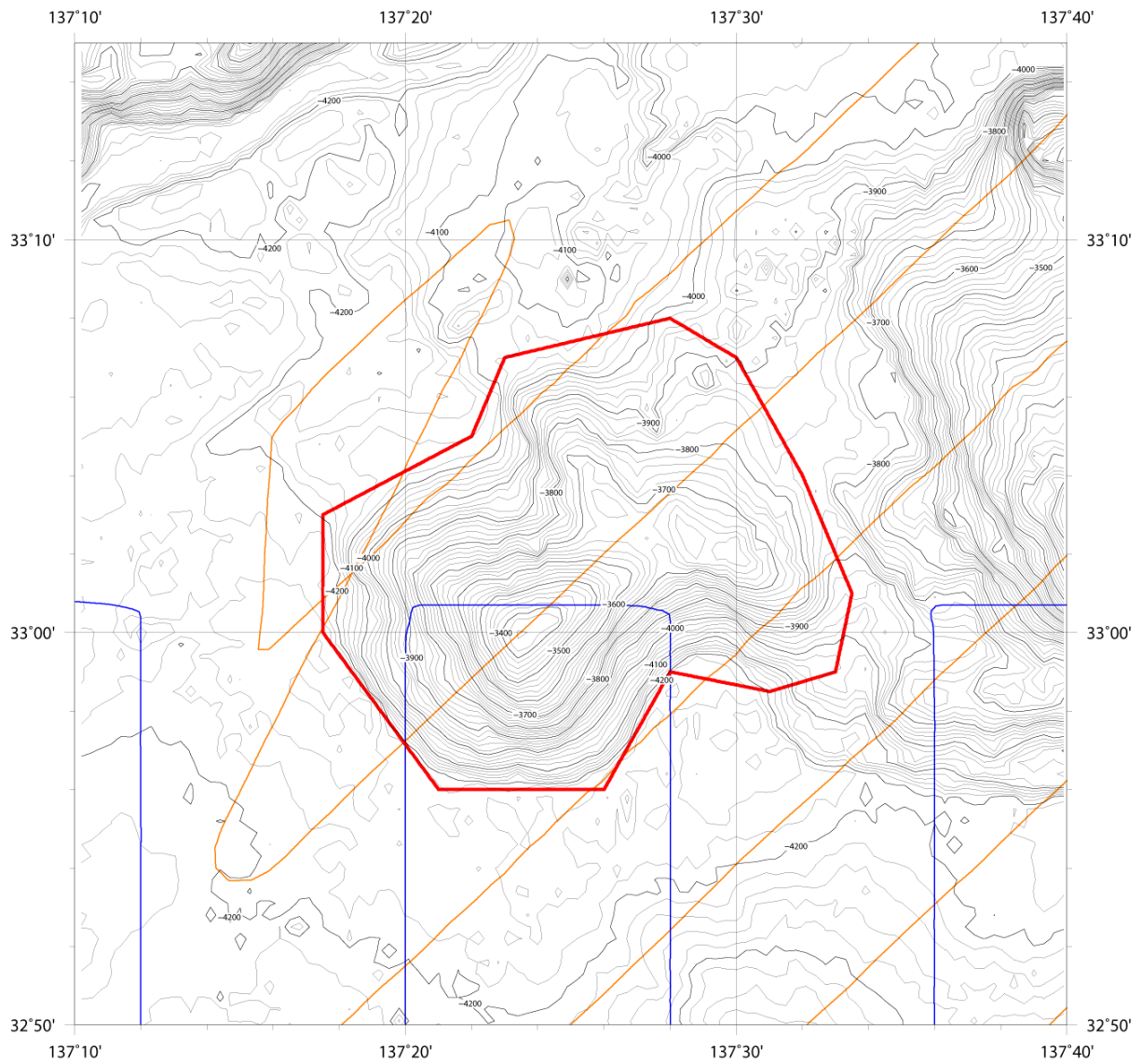


Fig. 3. Bathymetric map of the Irago Knoll, showing track lines. Tracklines in orange are surveys in 1995, in blue are surveys in 2002. Contours are in 20 m.