

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:	Taketomi Seamount	Ocean or Sea:	Philippine 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.

	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
Coordinates:	22°16.50'N	124°04.50'E
	22°19.47'N	124°03.90'E
	22°21.18'N	124°07.89'E
	22°23.85'N	124°13.69'E
	22°28.27'N	124°22.11'E
	22°27.24'N	124°22.47'E
	22°23.21'N	124°18.19'E
	22°21.46'N	124°18.83'E
	22°18.71'N	124°17.33'E
	22°14.70'N	124°11.40'E
22°14.85'N	124°06.20'E	
22°16.50'N	124°04.50'E	

Feature Description:	Maximum Depth :	5,600 m	Steepness :	
	Minimum Depth :	4,208 m	Shape :	
	Total Relief :	1,392 m	Dimension/Size :	30 km × 25 km

Associated Features:	
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	W1203, 6302

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Taketomi is named after "Taketomi Island", which is located to the southwest of Ishigaki Island, one of the major islands of the Sakishima Islands.
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Discovery Facts:	Discovery Date:	Apr. 1999
	Discoverer (Individual, Ship):	The Japanese survey vessel "Shoyo"

Supporting Survey Data, including Track Controls:	Date of Survey:	Apr. – May 1999
	Survey Ship:	The Japanese survey vessel "Shoyo"
	Sounding Equipment:	Multibeam echo sounder Seabeam 2112
	Type of Navigation:	GPS without Selective Availability
	Estimated Horizontal Accuracy (nm):	0.054 nm (100 m)

	Survey Track Spacing:	11 nm
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	JCUFN
	Date:	Aug. 17, 2016
	E-mail:	ico@jodc.go.jp
	Organization and Address:	Hydrographic and Oceanographic Department, Japan Coast Guard Kasumigaseki 3-1-1, Chiyoda-ku, Tokyo 100-8932, Japan
	Concurren (name, e-mail, organization and address):	

Remarks:	The position of the summit is located in (22°18.88'N, 124°07.59'E). As a whole, the seamount is a bit elongated, and characterized with a "relatively" flat, a guyot-like top.
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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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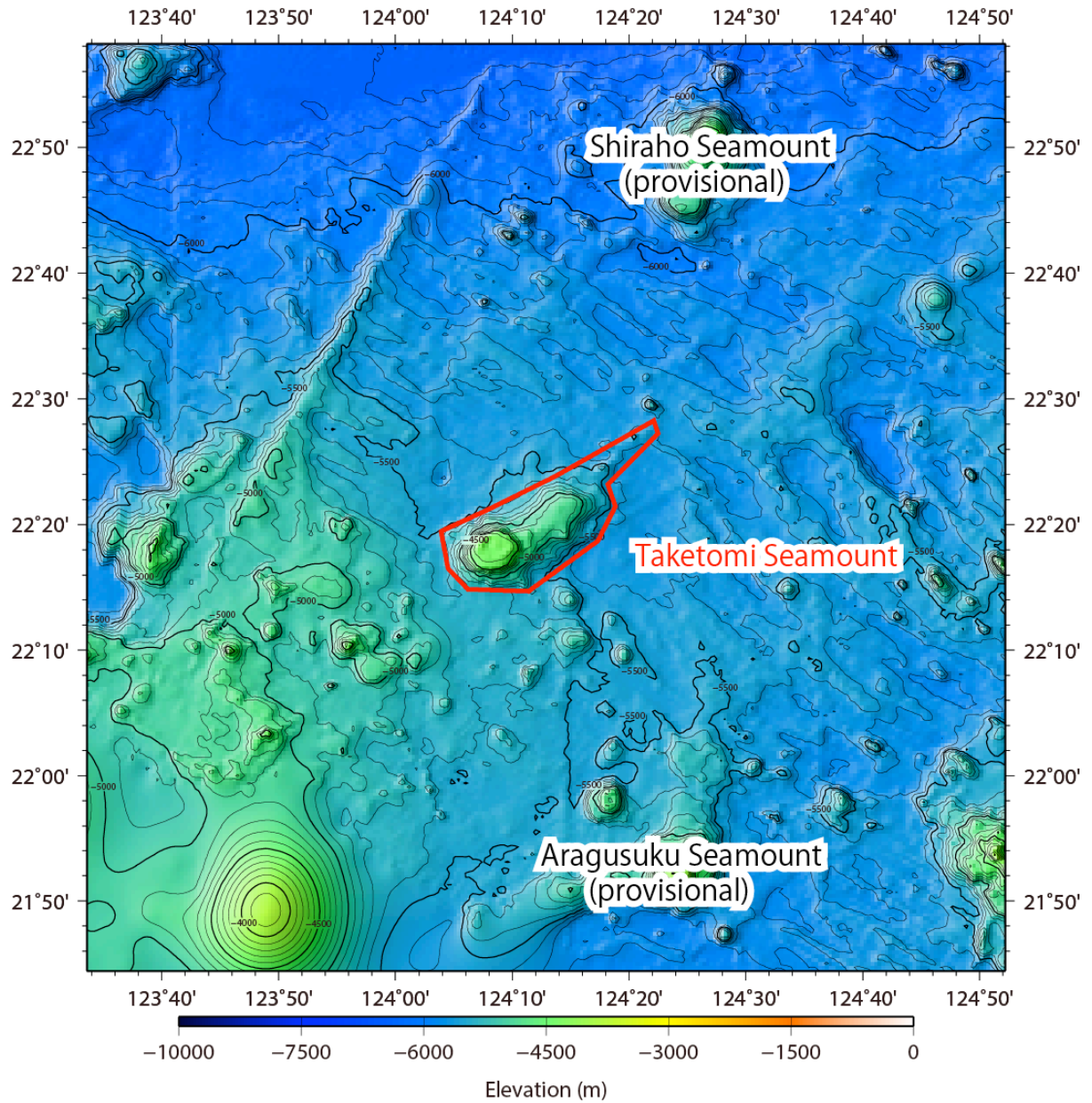


Fig. 1. Bathymetric map of the Taketomi Seamount. Contours are in 100 m.

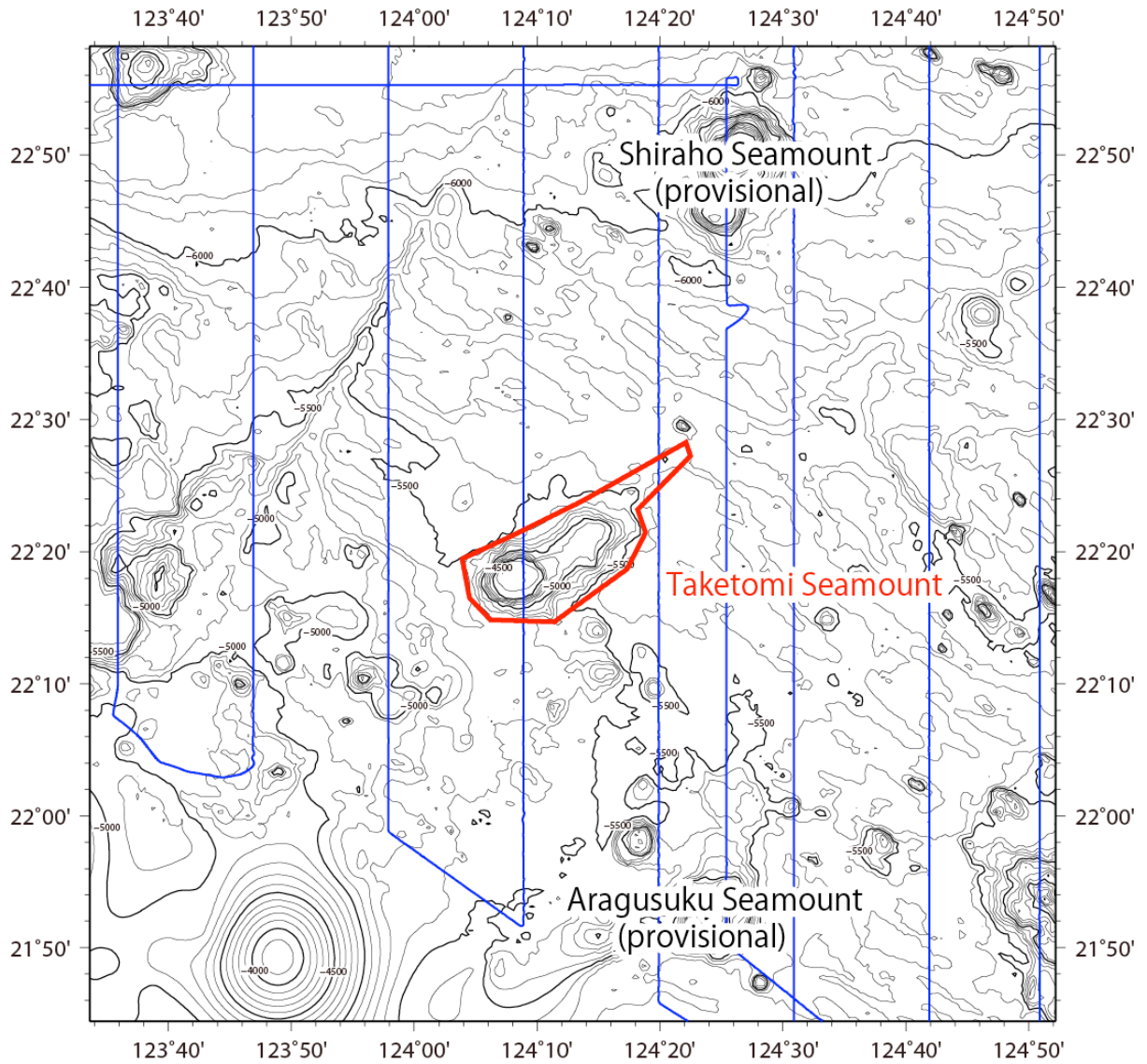


Fig. 2. Bathymetric map of the Taketomi Seamount, shown with track lines. Contours are in 100 m.

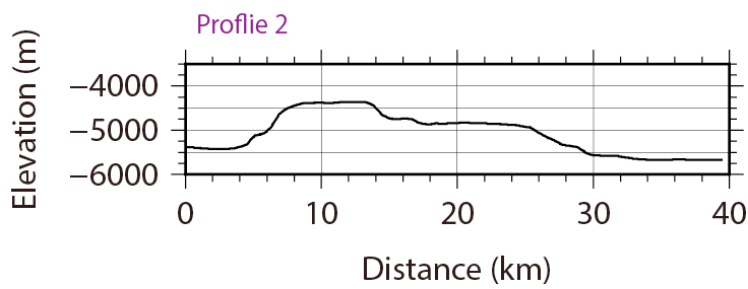
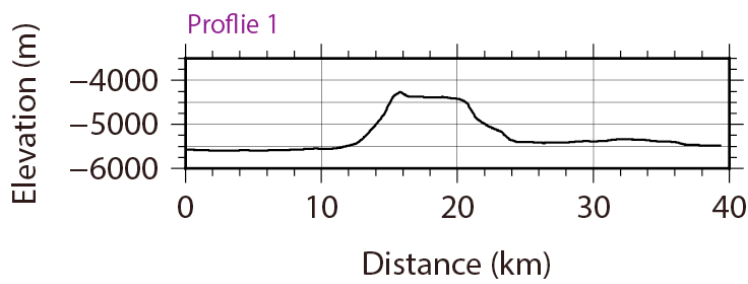
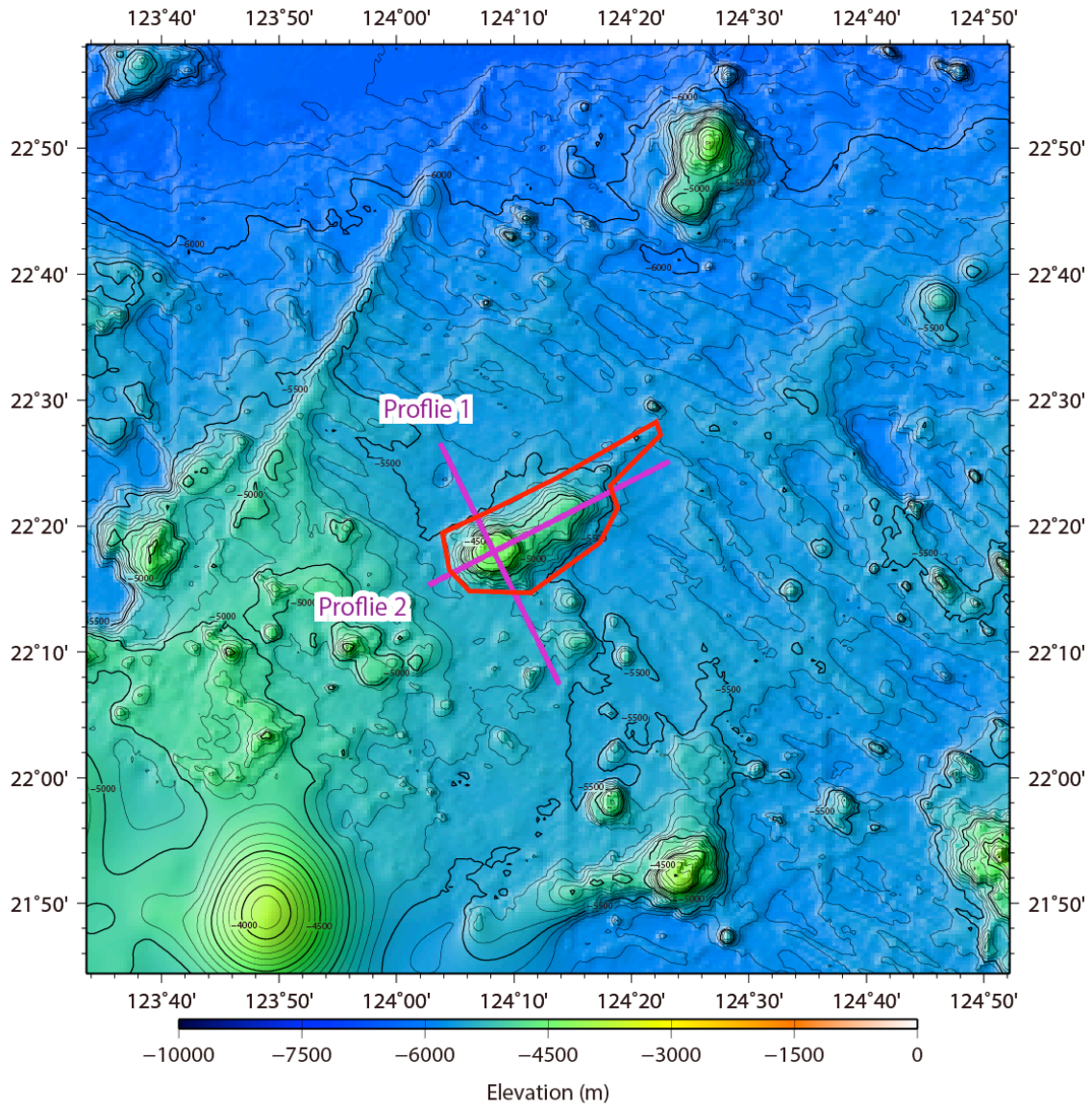


Fig. 3. Bathymetric profile across the Taketomi Seamount.