

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:	Hateruma Ridge	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:	23°31.77'N	123°02.74'E
	23°36.96'N	123°07.02'E
	23°39.01'N	123°17.64'E
	23°35.35'N	123°43.55'E
	23°43.45'N	124°25.38'E
	23°40.24'N	124°37.12'E
	23°35.46'N	124°41.05'E
	23°36.32'N	125°11.87'E
	23°32.23'N	125°19.20'E
	23°27.92'N	125°10.88'E
	23°27.07'N	124°55.75'E
	23°17.85'N	124°25.06'E
	23°20.42'N	124°11.35'E
	23°16.57'N	124°01.84'E
	23°20.04'N	123°27.19'E
	23°18.71'N	123°13.19'E
23°22.56'N	123°03.34'E	
23°31.77'N	123°02.74'E	

Feature Description:	Maximum Depth :	6,600 m	Steepness :	
	Minimum Depth :	2,194 m	Shape :	
	Total Relief :	4,406 m	Dimension/Size :	250 km × 45 km

Associated Features:	Hateruma Basin
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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):	Hateruma is named after "Hateruma Island", which is located to the south of Iriomote 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:	Jul. – Aug and Oct. – Dec. 1997 Apr. – May 1999
	Survey Ship:	The Japanese survey vessel "Takuyo" and "Shoyo"
	Sounding Equipment:	Multibeam echo sounder Seabeam 210A (1997) Seabeam 2112 (1999)
	Type of Navigation:	GPS with Selective Availability
	Estimated Horizontal Accuracy (nm):	0.054 nm (100 m)
	Survey Track Spacing:	5.5 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
	Concurrer (name, e-mail, organization and address):	

Remarks:	The Hateruma Ridge is geologically a forearc ridge of the Ryuku Island Arc (or the Nansei-Shoto Island Arc). The position of the summit is located in (23°30.66'N, 124°01.81'E).
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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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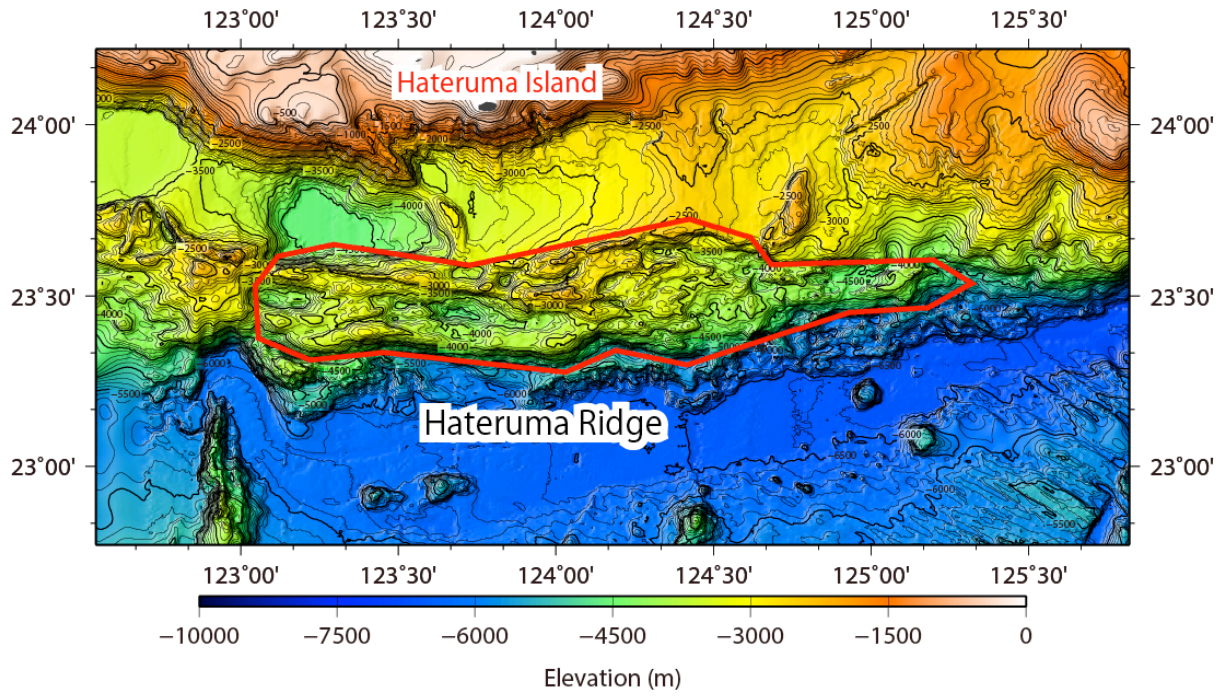


Fig. 1. Bathymetric map of the Hateruma Ridge. Contours are in 100 m.

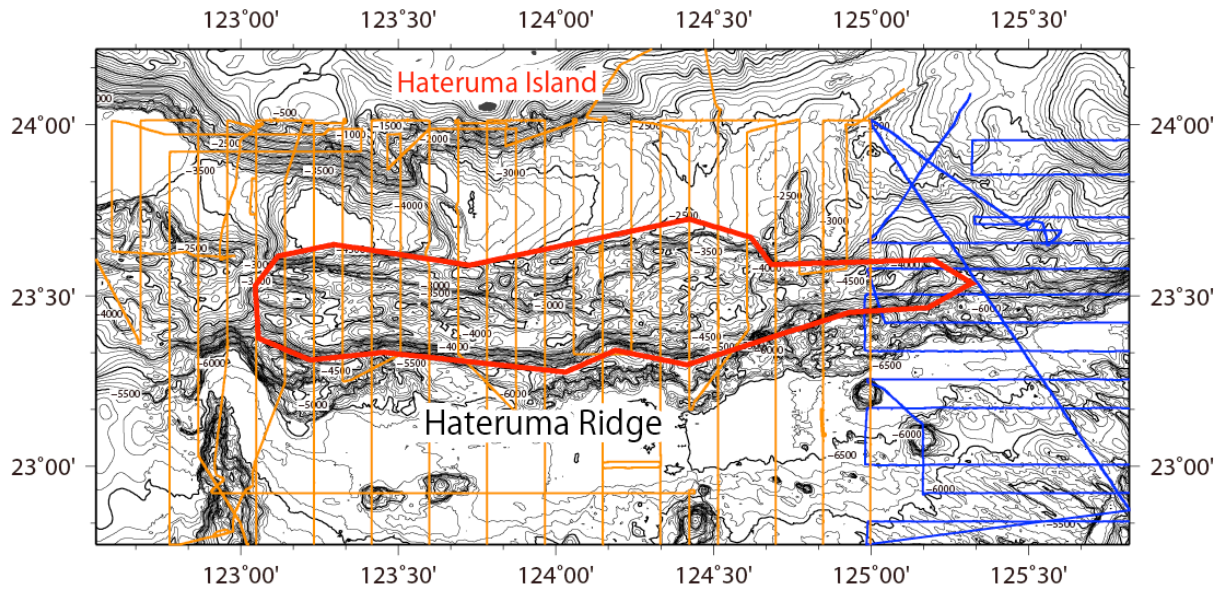


Fig. 2. Bathymetric map of the Hateruma Ridge, shown with track lines. Contours are in 100 m. Blue is the survey with the Seabeam210A, and orange is the survey with the Seabeam2112.

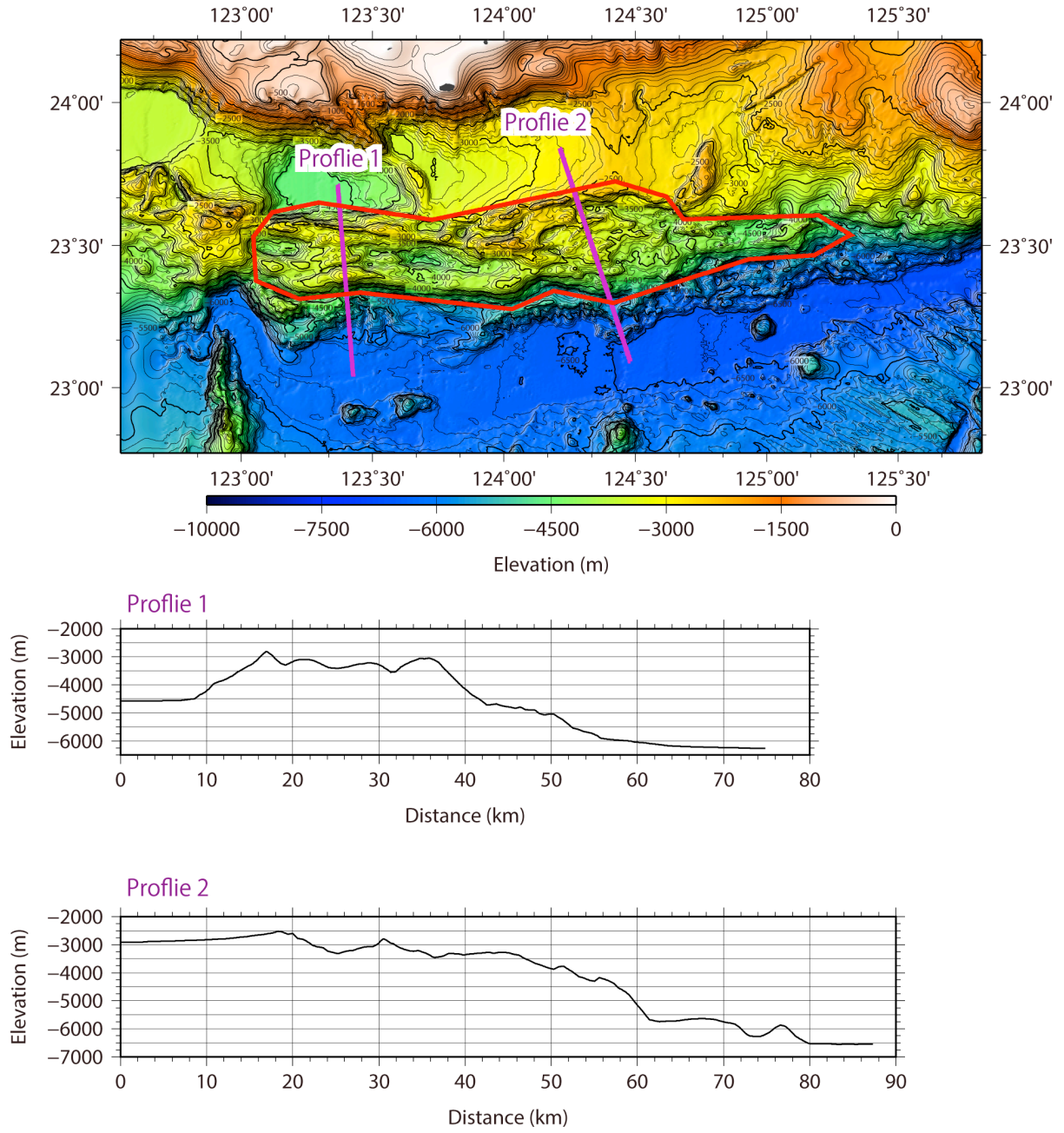


Fig. 3. Bathymetric profile across the Hateruma Ridge.