INTERNATIONAL HYDROGRAPHIC ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

UNDERSEA FEATURE NAME PROPOSAL

(See IHO-IOC Publication B-6 and **NOTE** overleaf)

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

Name Proposed:	Karasuza Hill	**Ocean or Sea:**	N/A

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:	15°04.45'N	133°34.84'E
	15°02.49'N	133°37.69'E
	15°01.92'N	133°40.33'E
	15°00.56'N	133°43.51'E
	14°57.96'N	133°43.83'E
	14°55.60'N	133°36.51'E
	14°56.60'N	133°32.80'E
	15°01.24'N	133°31.45'E
	15°04.45'N	133°34.84'E

Feature Description:	Maximum Depth:	4,295 m	Steepness :	N/A
	Minimum Depth :	3,598 m	Shape :	Slightly elongated
	Total Relief :	697 m	Dimension/Size :	20 km × 15 km

Associated Features:	CBF Rise

Chart/Map References:	Shown Named on Map/Chart:	6728
	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)**:**	This feature is located in the larger CBF Rise. The undersea features in this area are named after the Southern constellation. "Karasuza" is the Japanese that means the Corvus. The undersea features on/around the Kyushu-Palau Ridge at around this region are named after stars and planets.

Discovery Facts:	Discovery Date:	Mar. 1997
	Discoverer (Individual, Ship):	Japanese survey vessel "Takuyo"

Supporting Survey Data, including Track Controls:	Date of Survey:	Mar. 1997 Apr. - May 2007 Apr. - May 2008
	Survey Ship:	Japanese survey vessel "Shoyo" and "Takuyo"
	Sounding Equipement:	Multibeam echo sounder Seabeam 2112 (2007 and 2008) Seabeam 210A (1997)

	Type of Navigation:	GPS without Selective Availability (2007 and 2008) GPS with Selective Availability (1997)
	Estimated Horizontal Accuracy, in nautical miles (M):	0.014 nm (26 m) (2007 and 2008) 0.054 nm (100 m) (1997)
	Survey Track Spacing:	3 nm
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	JCUFN
	Date:	May 20, 2019
	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 position of the summit is located in (14°59.84'N, 133°35.82'E).

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 Publication B-6) or, if this does not exist or is not known, either to the IHO 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 IHO or to the IOC, at the following addresses :

International Hydrographic Organization (IHO) 4b, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@iho.int Web: www.iho.int	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org Web: http://ioc-unesco.org/

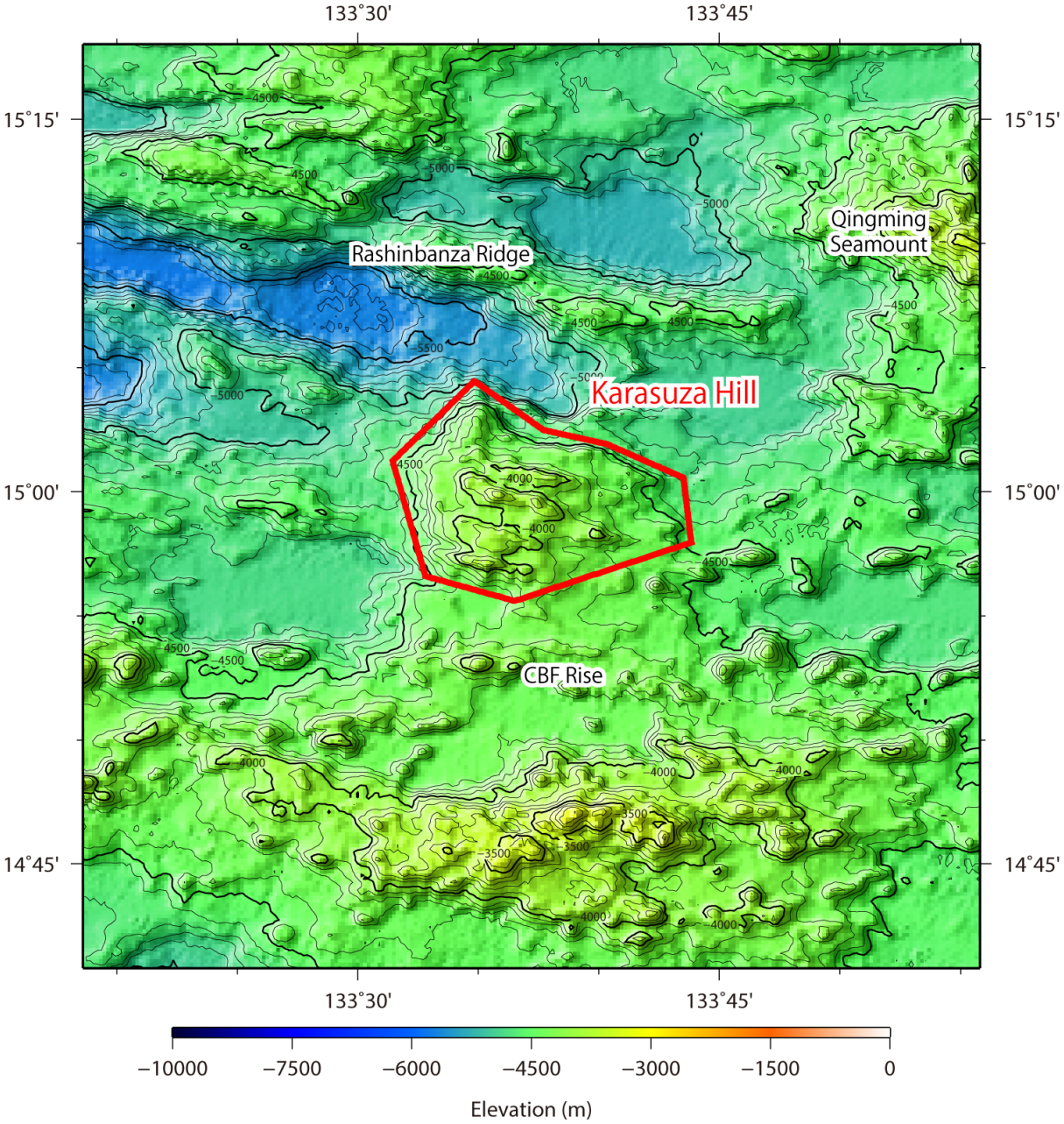

Fig. 1. Bathymetric map of the Karasuza Hill. Contours are in 100 m.

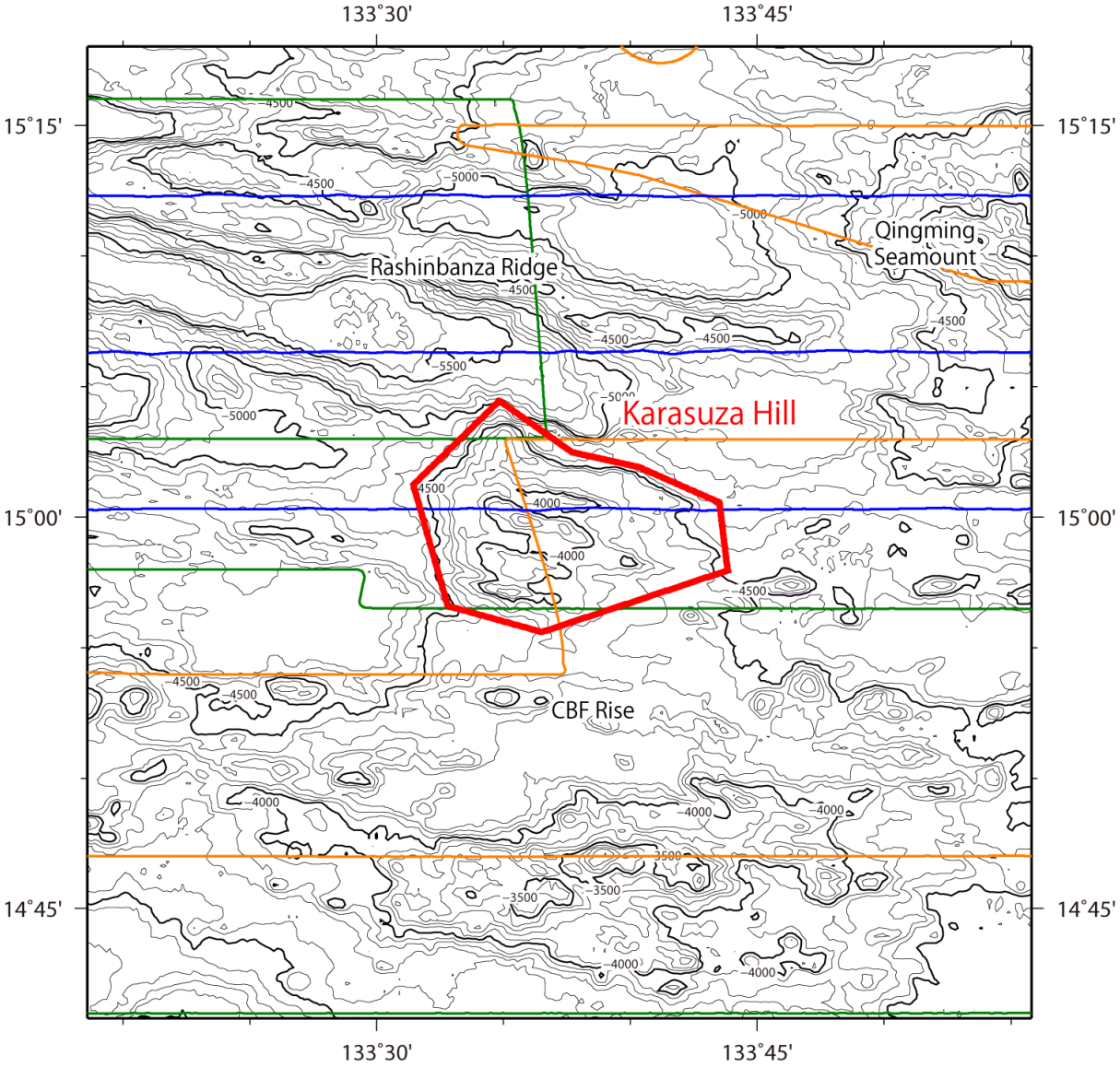

Fig. 2. Bathymetric map of the Karasuza Hill, shown with track lines. Contours are in 100 m.

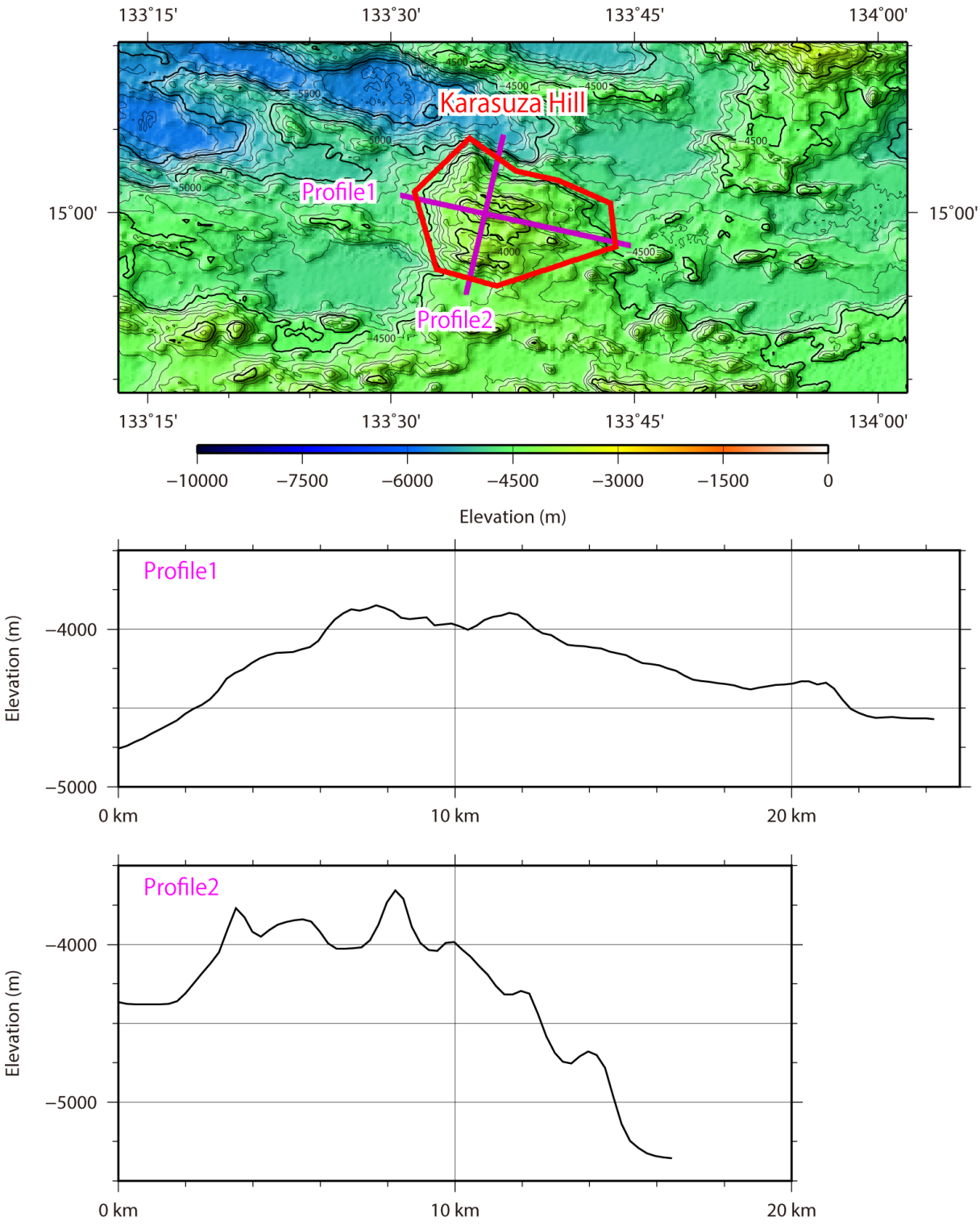

Fig. 3. Bathymetric profile across the Karasuza Hill.