

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:	Hattori Seamount	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:	27°41.35'N	152°40.62'E
	27°44.94'N	152°46.22'E
	27°49.19'N	152°57.28'E
	27°49.40'N	153°01.71'E
	27°47.01'N	153°05.31'E
	27°34.59'N	153°08.42'E
	27°29.02'N	153°06.70'E
	27°24.24'N	152°49.91'E
	27°27.05'N	152°45.12'E
	27°38.48'N	152°43.27'E
27°41.35'N	152°40.62'E	

Feature Description:	Maximum Depth :	6,000 m	Steepness :	
	Minimum Depth :	1,938 m	Shape :	Distorted conical
	Total Relief :	4,062 m	Dimension/Size :	50 km × 45 km

Associated Features:	Matoba Seamount
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Chart/Map References:	Shown Named on Map/Chart:	6727
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	W48

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Named after a geologist/technician the late Dr. Mutsuo Hattori.
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Discovery Facts:	Discovery Date:	Feb. 1999
	Discoverer (Individual, Ship):	The Japanese survey vessel "Shoyo"

Supporting Survey Data, including Track Controls:	Date of Survey:	Feb. – Mar. 1999
	Survey Ship:	The Japanese survey vessel "Shoyo"
	Sounding Equipment:	Multibeam echo sounder Seabeam 2112
	Type of Navigation:	GPS with Selective Availability
	Estimated Horizontal Accuracy (nm):	0.054 nm (100 m)
	Survey Track Spacing:	Less than 10 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 position of the summit is located in (27°36.16'N, 152°52.43'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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Personal history of the late Dr. Mutsuo Hattori

Given name: Mutsuo

Family name: Hatorri

1939 Born

March 2014 Diseased

Education

1962 B.S., Tohoku University

1967 PhD, Tohoku University

Professional carrier:

1972 Resercher, Japan Marine Science and Technology Center (JAMSTEC)

1998 Retired from JAMSTEC

1998-2002 Techincal advisor, JAMSTEC

Remarks:

He was a geologist/technician working for JAMSTEC. In his early career, he studied the Sugami Bay using the submersible Shinkai 2000, describing the geology and chemosynthetic biological communities. The Sagami Bay is closely located to Tokyo, which is one of the deepest bay in the world, due to the presence of the Sagami Trough, a subduction boundary between the Philippine Sea and North American Plates. He also contributed to the development of the first Japan-made 3000 m-class ROV, "Dolphin 3K" in late 1980's. Futhermore, he also contributed to develop a technique to measure seafloor radioactivity.

List of selected publications:

Hattori, M., Y. Kanie, T. Oba, and K. Akimoto, Environmental conditions of carbonates and chemosynthetic animal communities associated with cold seepage zones along the subduction zone in Sagami Bay, central Japan, *Fossils*, 60, 13-22, 1996.

Hatorri, M., M. Okano, and O. Togawa, Sea bottom gamma ray measurement by NaI (TI) Scintillation spectrometers installed on manned submersibles, ROV and sea bottom long term observatory, In *Underwater Technology, 2000, UT 00, Proceedings of the 2000 International Symposium on IEEE*, 212-217, 2000.

Nomoto, M. and **M. Hattori**, A dep ROV "Dolphin 3K": design and performance analysis, *IEEE Journal of Oceanci Engineering*, 11, 373-391, 1986.

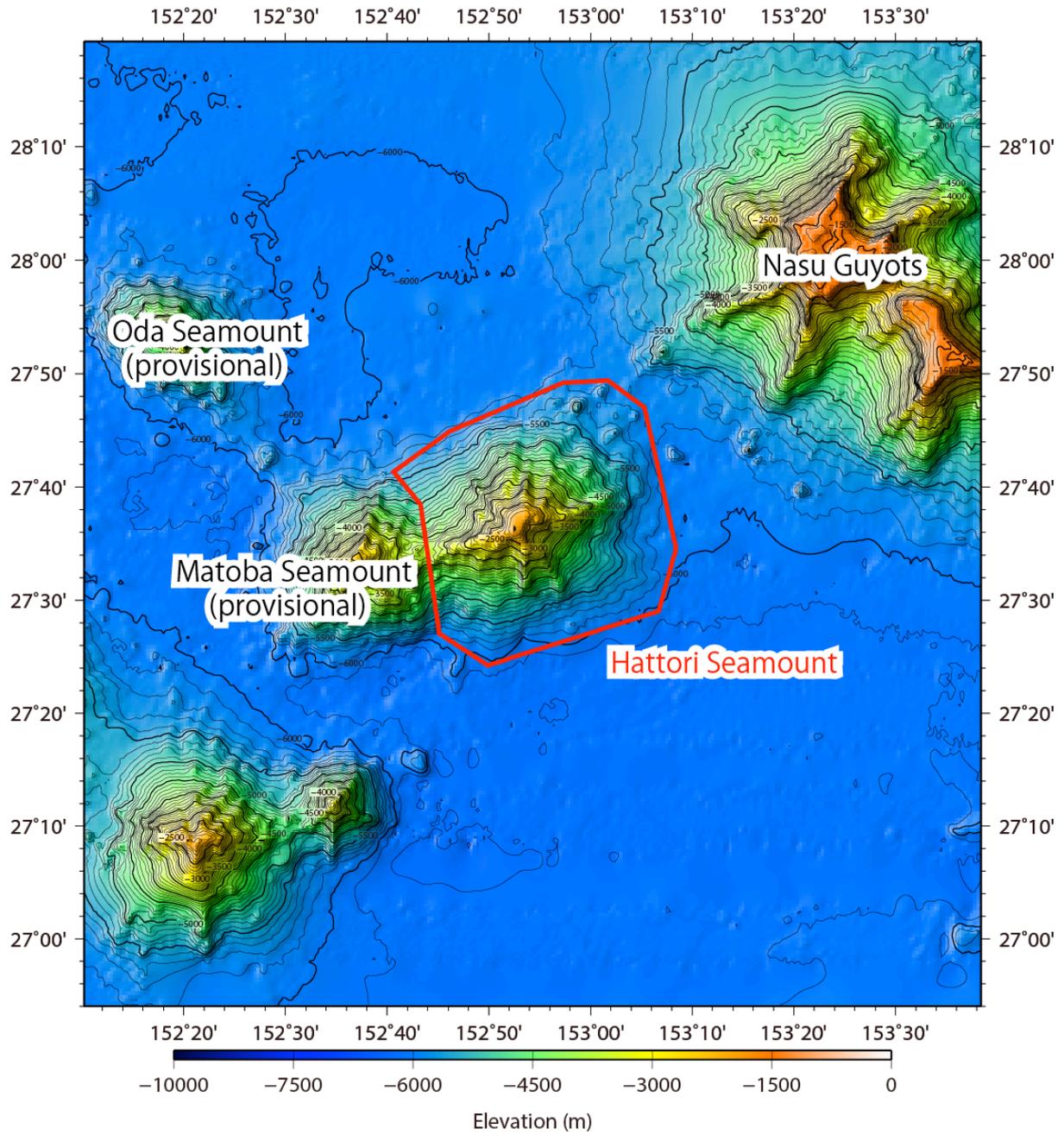


Fig. 1. Bathymetric map of the Hattori Seamount. Contours are in 100 m.

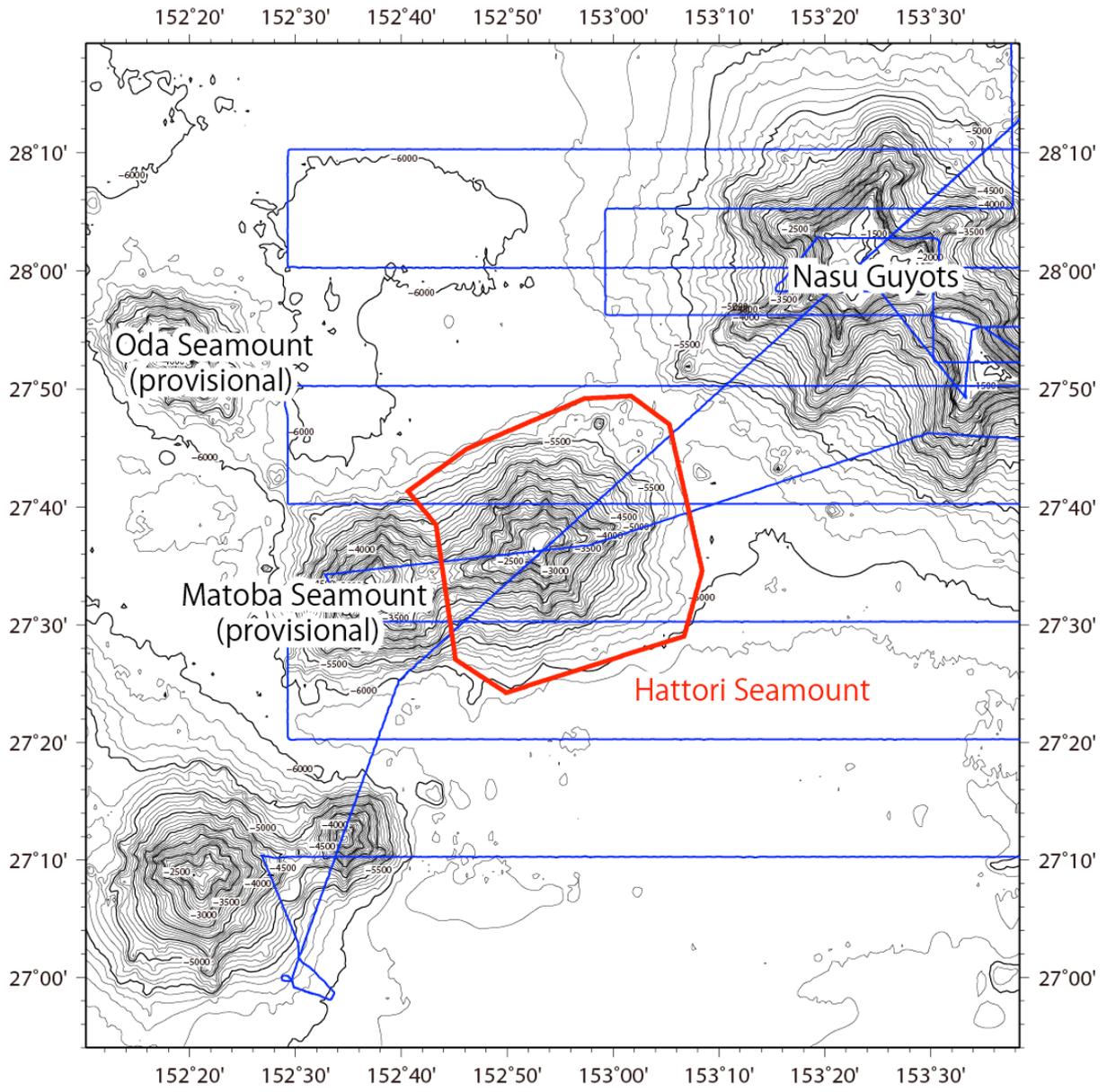


Fig. 2. Bathymetric map of the Hattori Seamount, shown with track lines. Contours are in 100 m.

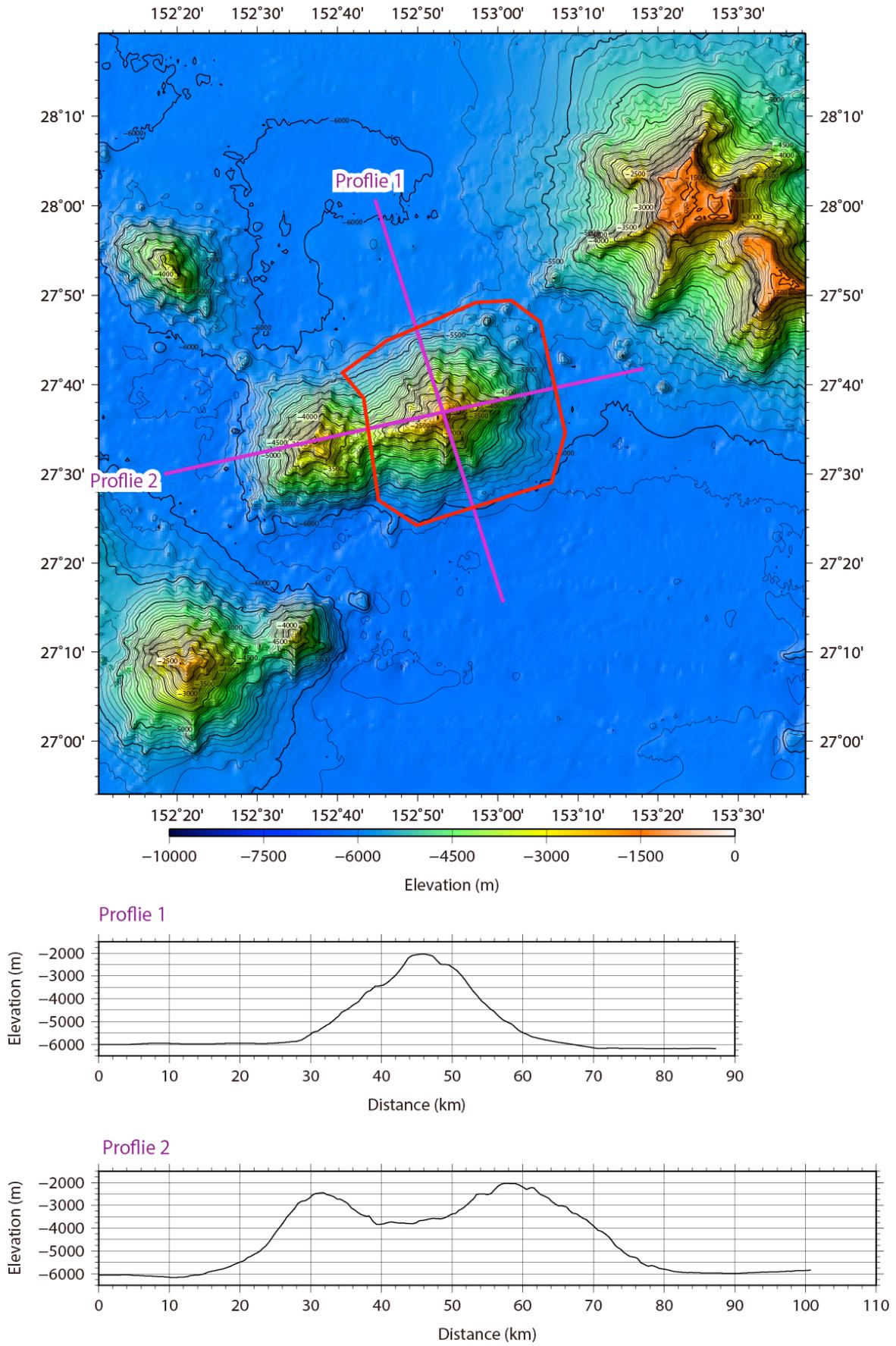


Fig. 3. Bathymetric profile across the Hattori Seamount.