

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:	Yabe Seamounts	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:	23°14.31'N	155°18.80'E
	23°17.67'N	155°27.22'E
	23°15.01'N	155°33.41'E
	23°24.01'N	155°33.94'E
	23°28.13'N	155°43.49'E
	23°24.45'N	155°50.67'E
	23°23.75'N	155°57.71'E
	23°11.04'N	156°06.63'E
	23°00.57'N	155°57.96'E
	22°59.44'N	155°48.80'E
	22°56.75'N	155°46.49'E
	22°51.11'N	155°50.56'E
	22°42.76'N	155°50.78'E
	22°40.69'N	155°40.78'E
	22°44.62'N	155°30.65'E
	22°39.91'N	155°25.93'E
	22°33.23'N	155°24.96'E
	22°33.23'N	155°17.26'E
	22°41.64'N	155°14.98'E
	22°42.33'N	155°11.30'E
22°35.84'N	155°05.88'E	
22°36.98'N	154°58.59'E	
22°43.40'N	154°45.67'E	
22°54.40'N	154°40.96'E	
23°00.82'N	154°43.46'E	
23°04.03'N	154°55.17'E	
23°00.11'N	155°09.52'E	
23°04.39'N	155°16.08'E	
23°14.31'N	155°18.80'E	

Feature Description:	Maximum Depth:	5,544 m	Steepness :	N/A
	Minimum Depth :	1,173 m	Shape :	Conical, distorted
	Total Relief :	4,371 m	Dimension/Size :	155 km × 100 km

Associated Features:	Marcus-Wake Seamount Group
-----------------------------	----------------------------

Chart/Map References:	Shown Named on Map/Chart:	6724
	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):	Named after a geologist/paleontologist the late Dr. Hisakatsu Yabe. See attached personal history for more details.
--	---

Discovery Facts:	Discovery Date:	Feb. 1999
	Discoverer (Individual, Ship):	Japanese survey vessel "Takuyo"

Supporting Survey Data, including Track Controls:	Date of Survey:	Feb. - Mar. and Apr. - May 1999 Jan. and Nov. - Dec. 2000 Jul. - Aug. 2007
	Survey Ship:	Japanese survey vessel "Shoyo" and "Takuyo"
	Sounding Equipment:	Multibeam echo sounder Seabeam 2112 (2000 and 2007) Seabeam 210B (1999)
	Type of Navigation:	GPS without Selective Availability (Nov. - Dec. 2000 and 2007) GPS with Selective Availability (1999 and Jan. 2000)
	Estimated Horizontal Accuracy, in nautical miles (M):	0.014 nm (26 m) (Nov. - Dec. 2000 and 2007) 0.054 nm (100 m) (1999 and Jan. 2000)
	Survey Track Spacing:	5 nm
Supporting material can be submitted as Annex in analog or digital form.		

Proposer(s):	Name(s):	JCUFN
	Date:	August 20, 2018
	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°49.55'N, 155°01.68'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	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS
--	--

Principality of MONACO
Fax: +377 93 10 81 40
E-mail: info@iho.int
Web: www.iho.int

France
Fax: +33 1 45 68 58 12
E-mail: info@unesco.org
Web: <http://ioc-unesco.org/>

Personal history of the late Dr. Hisakatsu Yabe

Given name: Hisakatsu

Family name: Yabe

December 3, 1878 Born

June 23, 1969 Died

Education

1901 B.S., Imperial University of Tokyo

1906 Ph.D., Imperial University of Tokyo

Professional career:

1911 Professor, Department of Geology, Tohoku Imperial University

Award

1953 Order of Culture from the Japanese Government

1961 Paleontological Society of Japan Award

Remarks:

He was a pioneer geologist and paleontologist who made significant contributions to the earlier phase of geological study in Japan. His work varied from description of ammonite, especially discovery of an extraordinary ammonite, *Nipponites misrabilis* Yabe, geological study of Japanese archipelago, description of coral reefs, etc. In addition, he also published a significant paper on the geomorphology of the seafloor around the Japan with his student Dr. **Risaburo Tayama** (Yabe and Tayama, 1934), using the bathymetric charts issued by the Hydrographic Department of Japan. Note that the name of Dr. Risaburo Tayama was commemorated as Tayama Seamount.

Selected publications:

- Yabe, H. (1917). Problems concerning the geotectonics of the Japanese Islands; Critical reviews of various opinions expressed by previous authors on the geotectonics, Science Report of Tohoku Imperial University, 2nd Series. 4(2). 75-104.
- Yabe, H. (1929). Geological age of the latest continental stage of the Japanese Islands. Proceedings of the Imperial Academy, 5(9), 430-433.
- Yabe, H., and Hanzawa, S. (1928). Tertiary foraminiferous rocks of Taiwan (Formosa). Proceedings of the Imperial Academy, 4(9), 533-536.
- Yabe, H., and Hanzawa, S. (1932). Tentative Classification of the Foraminifera of the Fusulinidae. Proceedings of the Imperial Academy, 8(2), 40-43.
- Yabe, H., and Hanzawa, S. (1932). A study of the Recent deep-water coral fauna of Japan. Proceedings of the Imperial Academy, 8(8), 387-390.
- Yabe, H., and Tayama, R. (1934). Bottom relief of the seas bordering the Japanese Islands and Korean Peninsula. Bull. of the Earthquake Research Institute. Tokyo Imp. Univ, 12., 539-565.
- Yabe, H., and Sugiyama, T. (1935). Geological and geographical distribution of reef-corals in Japan. Journal of Paleontology, 183-217.

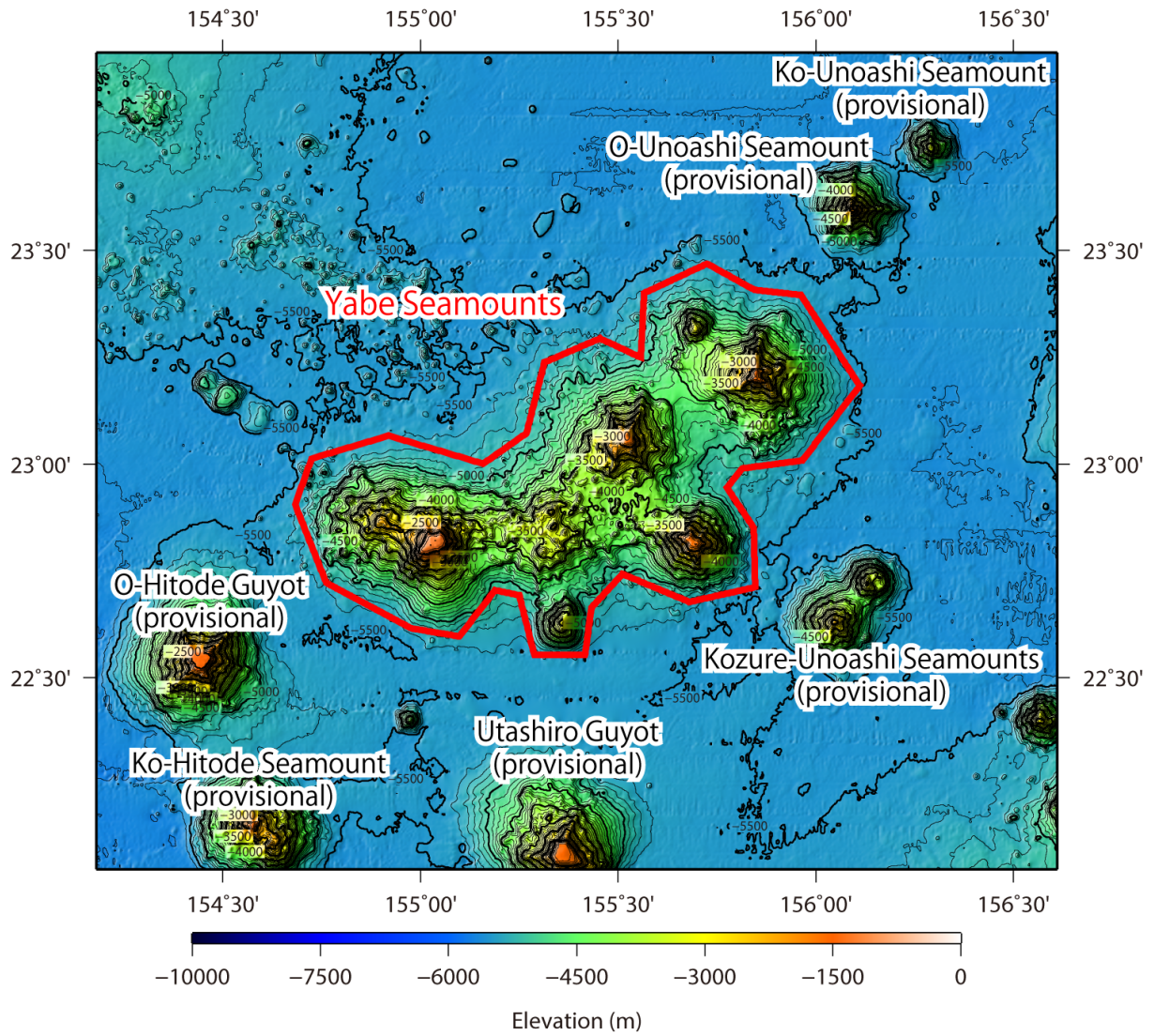


Fig. 1. Bathymetric map of the Yabe Seamounts. Contours are in 100 m.

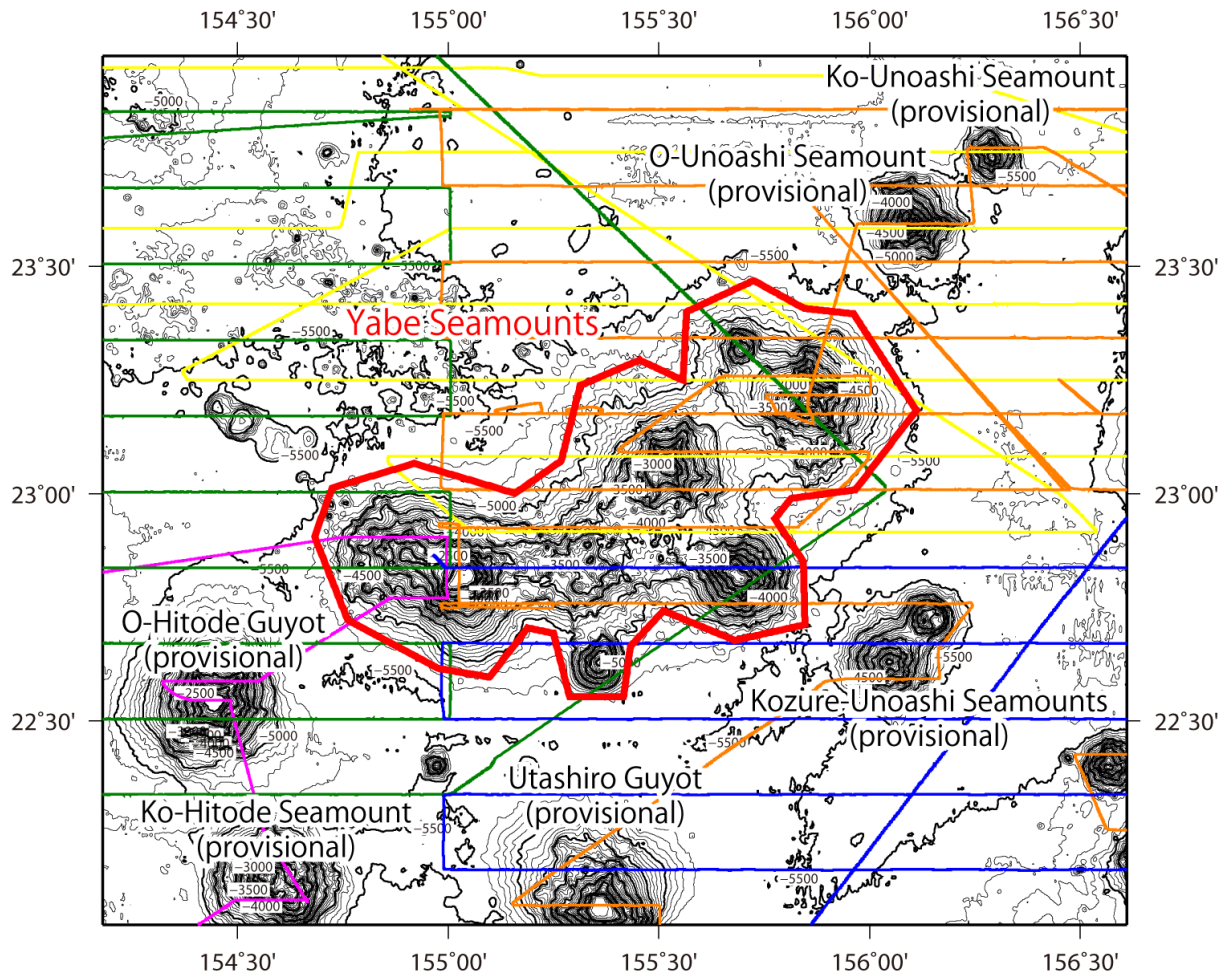


Fig. 2. Bathymetric map of the Yabe Seamounts, shown with track lines. Contours are in 100 m.

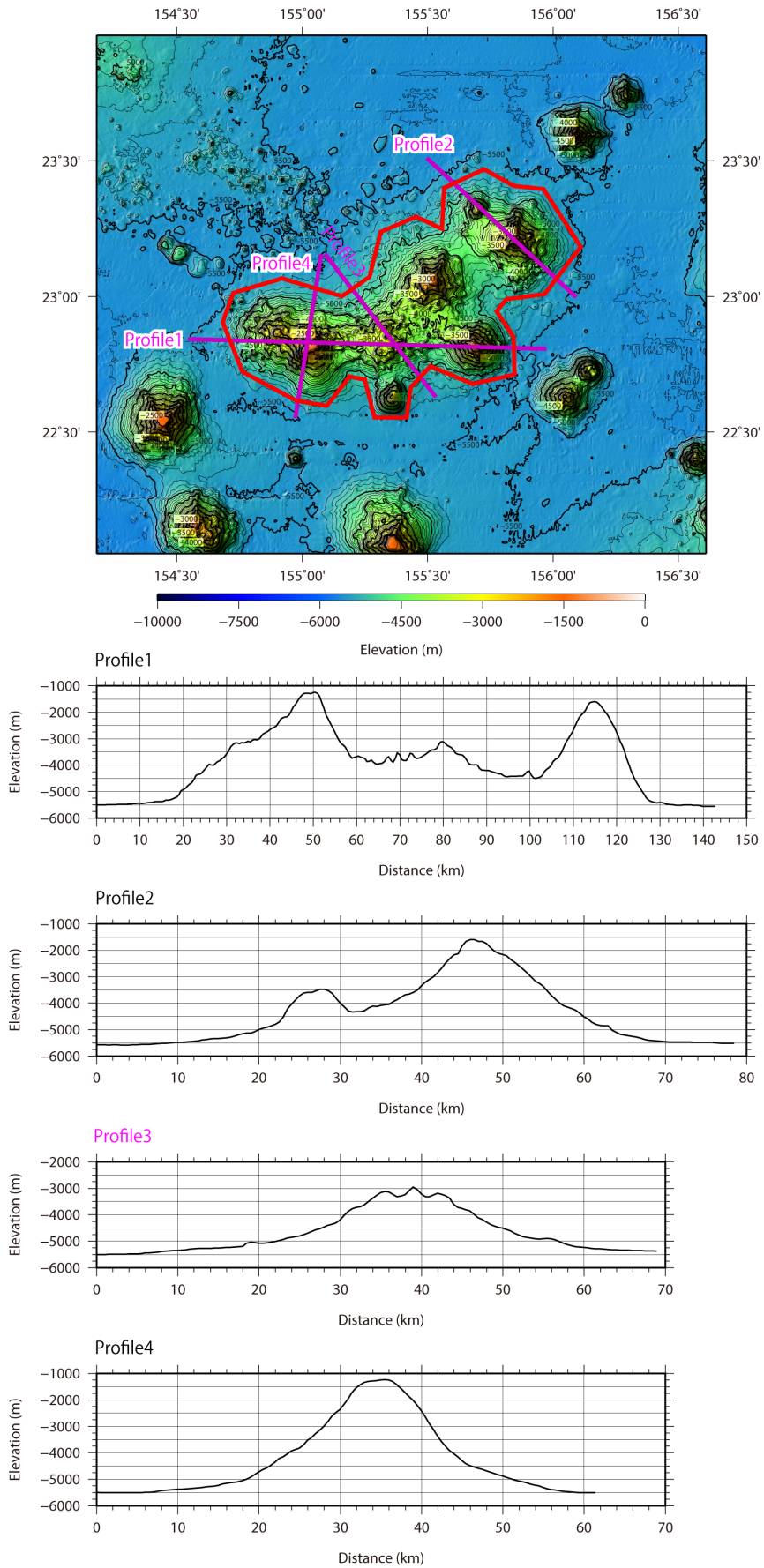


Fig. 3. Bathymetric profile across the Yabe Seamounts.