INTERNATIONAL HYDROGRAPHIC ORGANIZATION	INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

UNDERSEA FEATURE NAME PROPOSAL

(Sea **NOTE** overleaf)

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

Name Proposed:	Shigematsu Seamount	**Ocean or Sea:**	Northwest Pacific Ocean

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:	26°49.67'N 26°55.11'N 26°58.83'N 26°55.76'N 26°53.01'N 26°47.38'N 26°44.44'N 26°44.33'N 26°49.67'N	158°43.86'E 158°44.08'E 158°55.64'E 159°04.11'E 159°04.58'E 158°59.00'E 158°55.73'E 158°49.85'E 158°43.86'E

Feature Description:	Maximum Depth:	5950 m in depth	Steepness :	
	Minimum Depth :	4010 m in depth	Shape :	Sligtly elongated
	Total Relief :	1940 m	Dimension/Size :	

Associated Features:	An unnamed seamount with two peaks is located to the south of this feature.

Chart/Map References:	Shown Named on Map/Chart:	
	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 the Japanese hydrographer and captain Ryoichi Shigematsu.

Discovery Facts:	Discovery Date:	2000
	Discoverer (Individual, Ship):	The Japanese survey vessel "Takuyo"

Supporting Survey Data, including Track Controls:	Date of Survey:	Jun. and Nov. - Dec. 2000
	Survey Ship:	The Japanese survey vessel "Takuyo"
	Sounding Equipement:	Multibeam echo sounder Seabeam 2112
	Type of Navigation:	GPS without Selective Availability
	Estimated Horizontal Accuracy (nm):	0.014 nm (26 m)
	Survey Track Spacing:	5 miles
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	JCUFN
	Date:	August 19, 2013
	E-mail:	ohara@jodc.go.jp
	Organization and Address:	Hydrographic and Oceanographic Department, Japan Coast Guard Aomi 2-5-18, Koto-ku, Tokyo 135-0064, Japan
	Concurrer (name, e-mail, organization and address):	

Remarks:	

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

Personal history of the late Mr. Ryoichi Shigematsu

Given name: Ryoichi
Family name: Shigematsu

1883 Born in Saga, Japan
1941 Diseased

Education
Tokyo Imperial University (majoring in meteorology)

Professional carrier:
1905 Joined the Navy
1925-26 Captain of the survey vessel “Manshu”

Remarks: He was the pioneer of oceangprahic observation in the Japan Hydrographic Department, initiating oceanographic observation of the wide area of the Western Pacific down to the Equator. On October 3, 1925, he was successful in lead soundings in the Mariana Trench on board the S/V Manshu, obtaining 9814.6 m for the coordinates 11°13.8’N, 142°09.3’N. This particlualr deep was later named the “Manshu Deep” (see December 1951 issue of the National Geographic Magazine). Note that the Manshu Deep is now known as the “Challenger Deep”, at which HMS Challenger VIII in 1951 confirmed deeper soundings than that of the Manshu Deep.

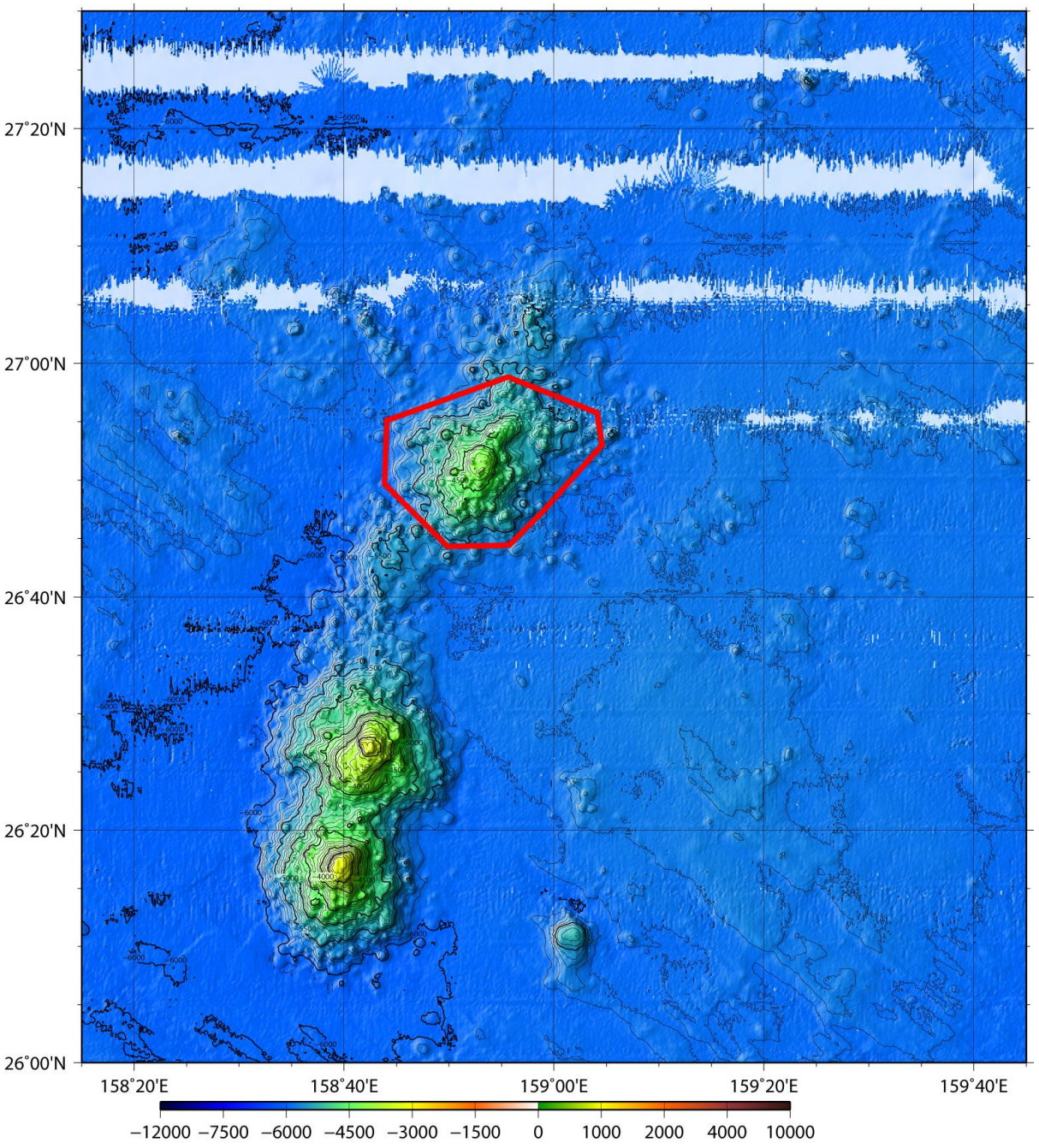

Fig. 1. Bathymetric map of the Shigematsu Seamount. The bathymetric contour interval is 100 m.

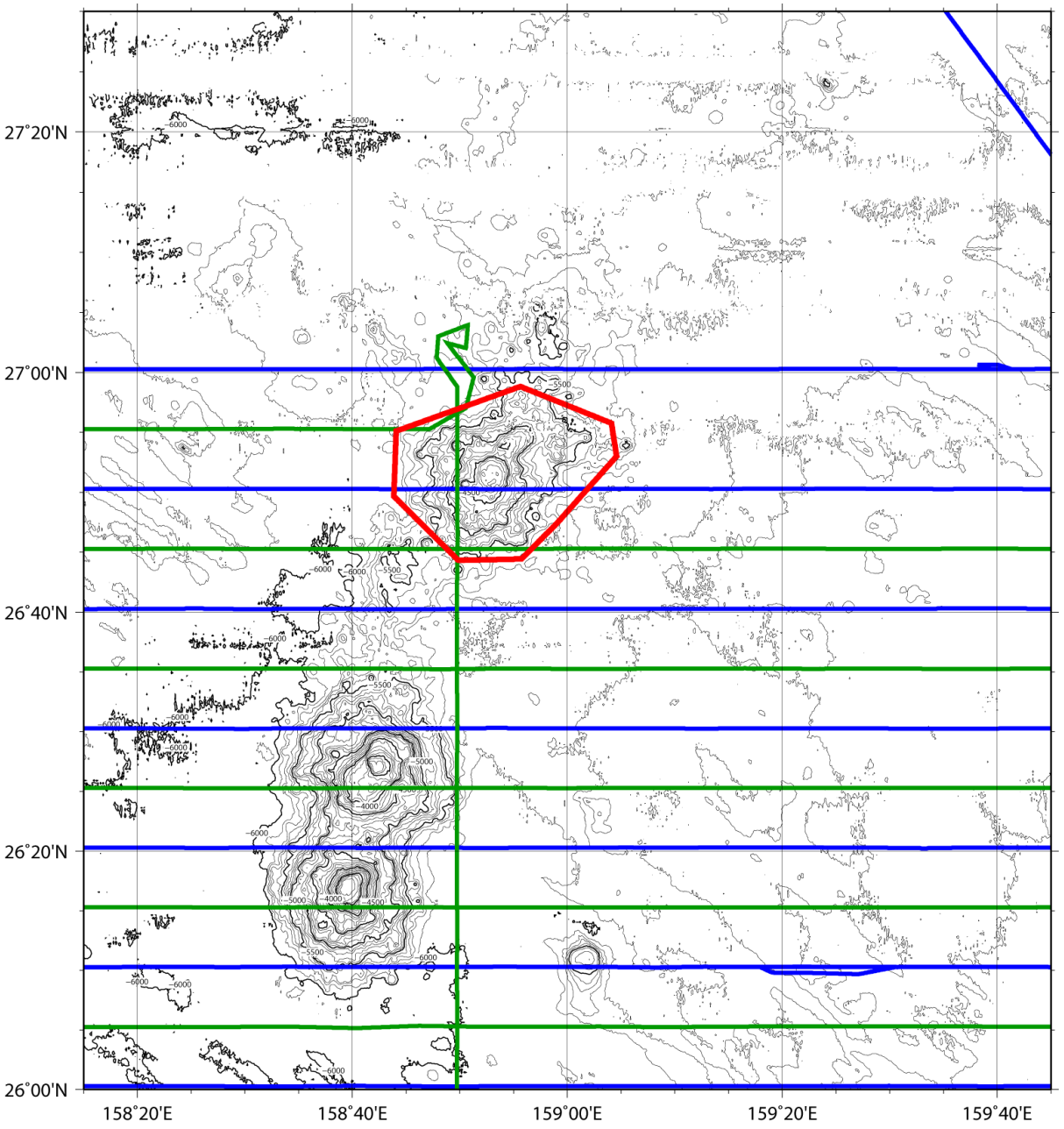

Fig. 2. Bathymetric map of the Shigematsu Seamount, showing track lines. Tracklines in blue are surverys in June 2000, in green are surveys in November to December 2000. The bathymetric contour interval is 100 m.