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:	Nakano Seamount	**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:	22°52.16'N	157°49.18'E
	22°55.50'N	157°58.34'E
	22°51.56'N	158°10.51'E
	22°50.19'N	158°10.25'E
	22°39.74'N	158°03.48'E
	22°37.26'N	157°54.06'E
	22°39.61'N	157°50.12'E
	22°52.16'N	157°49.18'E

Feature Description:	Maximum Depth:	5,398 m	Steepness :	N/A
	Minimum Depth :	2,043 m	Shape :	Almost conical
	Total Relief :	3,355 m	Dimension/Size :	35 km × 30 km

Associated Features:	Kimotsuki Seamount, 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 geophysicist the late Mr. Tokuro Nakano. See attached personal history for more details.

Discovery Facts:	Discovery Date:	Oct. 2000
	Discoverer (Individual, Ship):	Japanese survey vessel "Shoyo"

Supporting Survey Data, including Track Controls:	Date of Survey:	Oct. - Nov. 2000 Feb. - Mar. 2001 Feb. - Mar. 2002
	Survey Ship:	Japanese survey vessel "Shoyo"
	Sounding Equipement:	Multibeam echo sounder Seabeam 2112
	Type of Navigation:	GPS without Selective Availability
	Estimated Horizontal Accuracy, in nautical miles (M):	0.014 nm (26 m)
	Survey Track Spacing:	10 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
	Concurrer (name, e-mail, organization and address):	

Remarks:	The position of the summit is located in (22°46.56'N, 157°57.12'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/

Personal history of the late Mr. Tokuro Nakano

Given name: Tokuro
Family name: Nakano

1874 Born
1932 Diseased

Education
1899 B.S., Department of Astronomy, Imperial University of Tokyo

Professional carrier:
1899 International Latitude Observatory at Mizusawa (currently National Astronomical Obsrvatory of Japan at Mizusawa)
1907 Hydrographic Department of Japan
1921-1927 Director of the Astronomical Division, Hydrographic Department of Japan

Remarks:
He was a geophysicst who made a significant contribution to Japan's hydrography in the field of geodetic measurement. He was in charge of geodetic measurement for making nautical charts. From 1915 to 1917, he conducted wireless determination of longitude. This resulted in the revision of the geodetic datum origin of Japan in 1918. This revised datum origin had been used in Japan until 2002, when Japan changed its geodetic system from Tokyo Datum to WGS84.

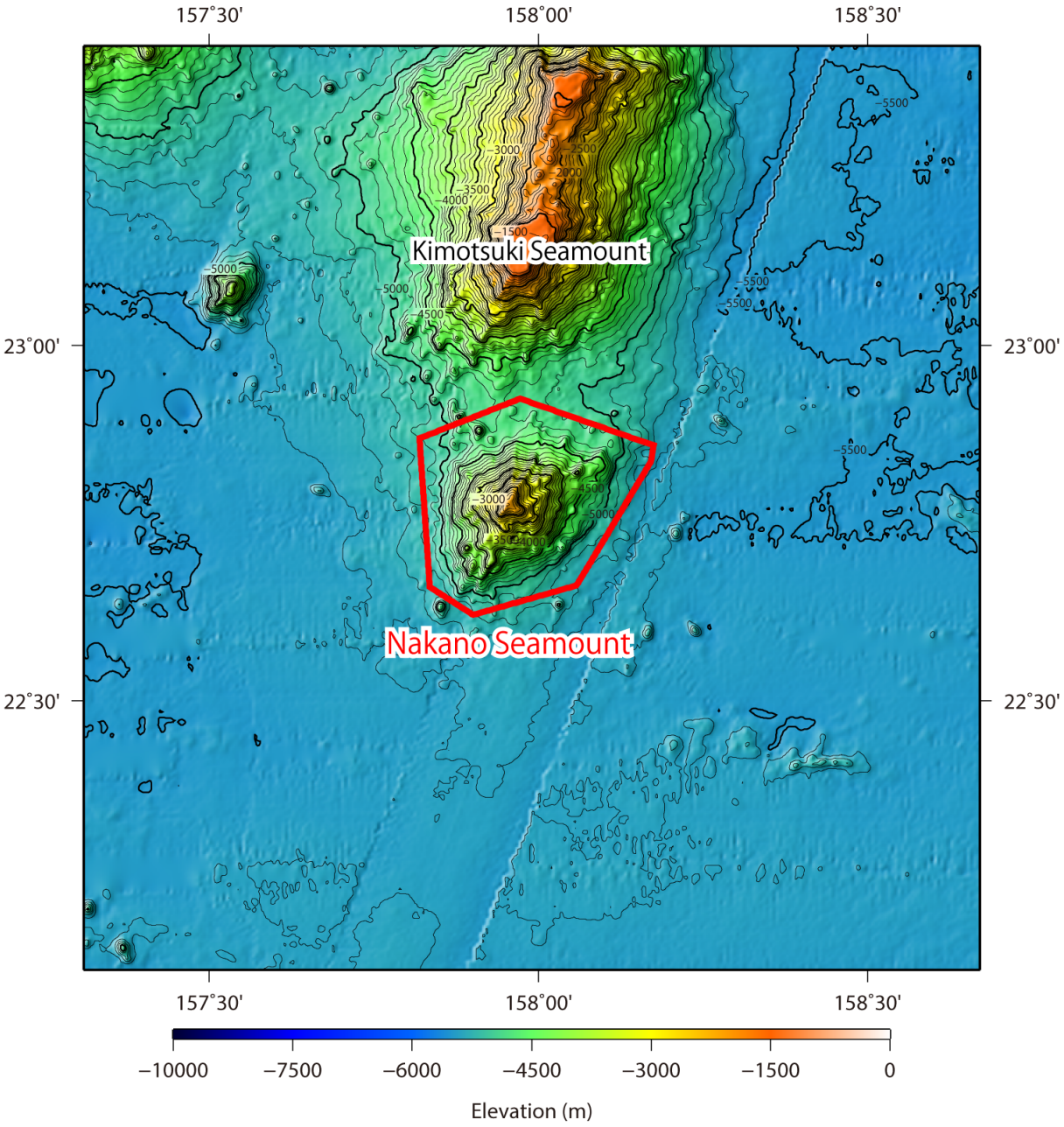

Fig. 1. Bathymetric map of the Nakano Seamount. Contours are in 100 m.

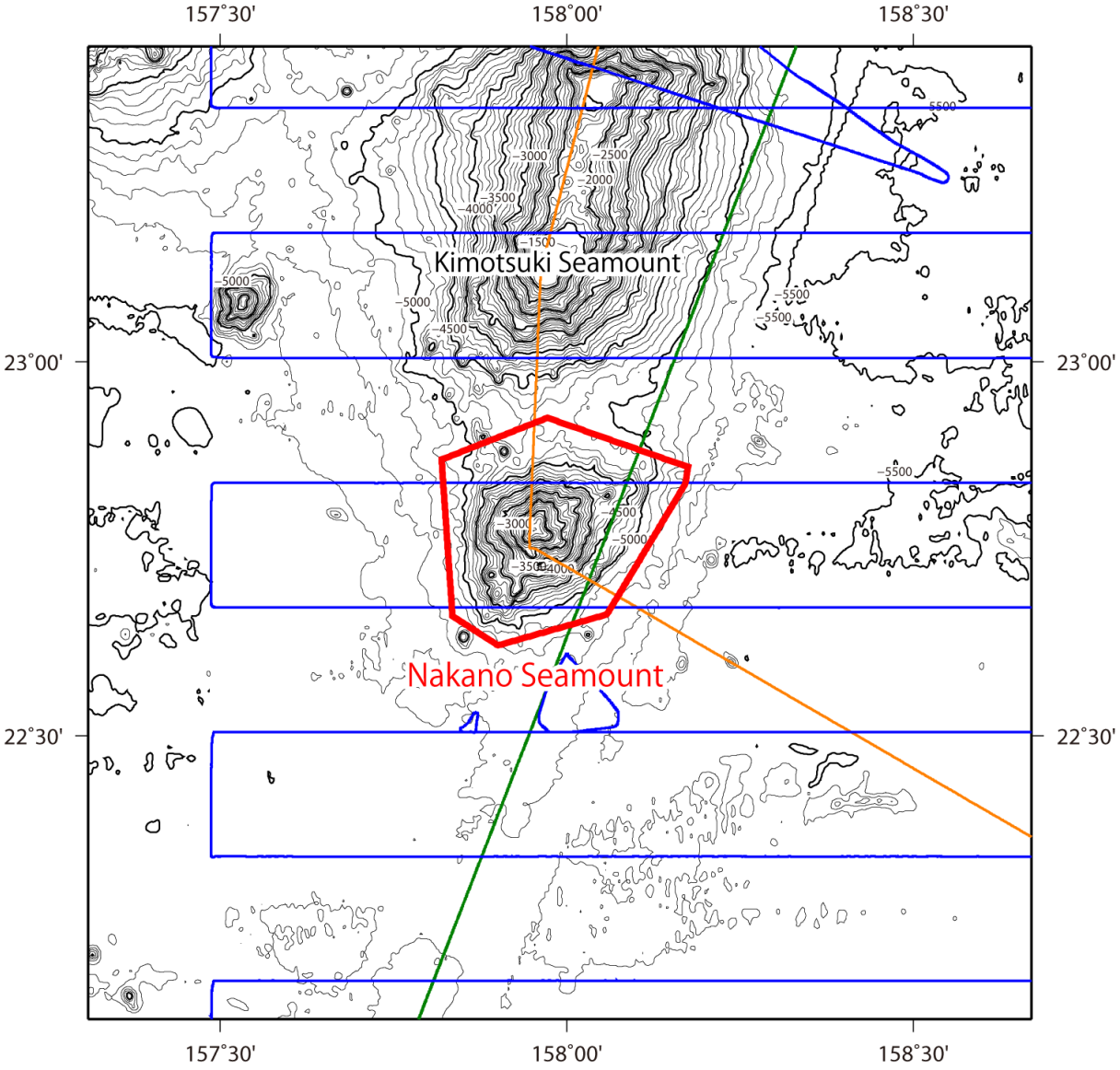

Fig. 2. Bathymetric map of the Nakano Seamount, shown with track lines. Contours are in 100 m.

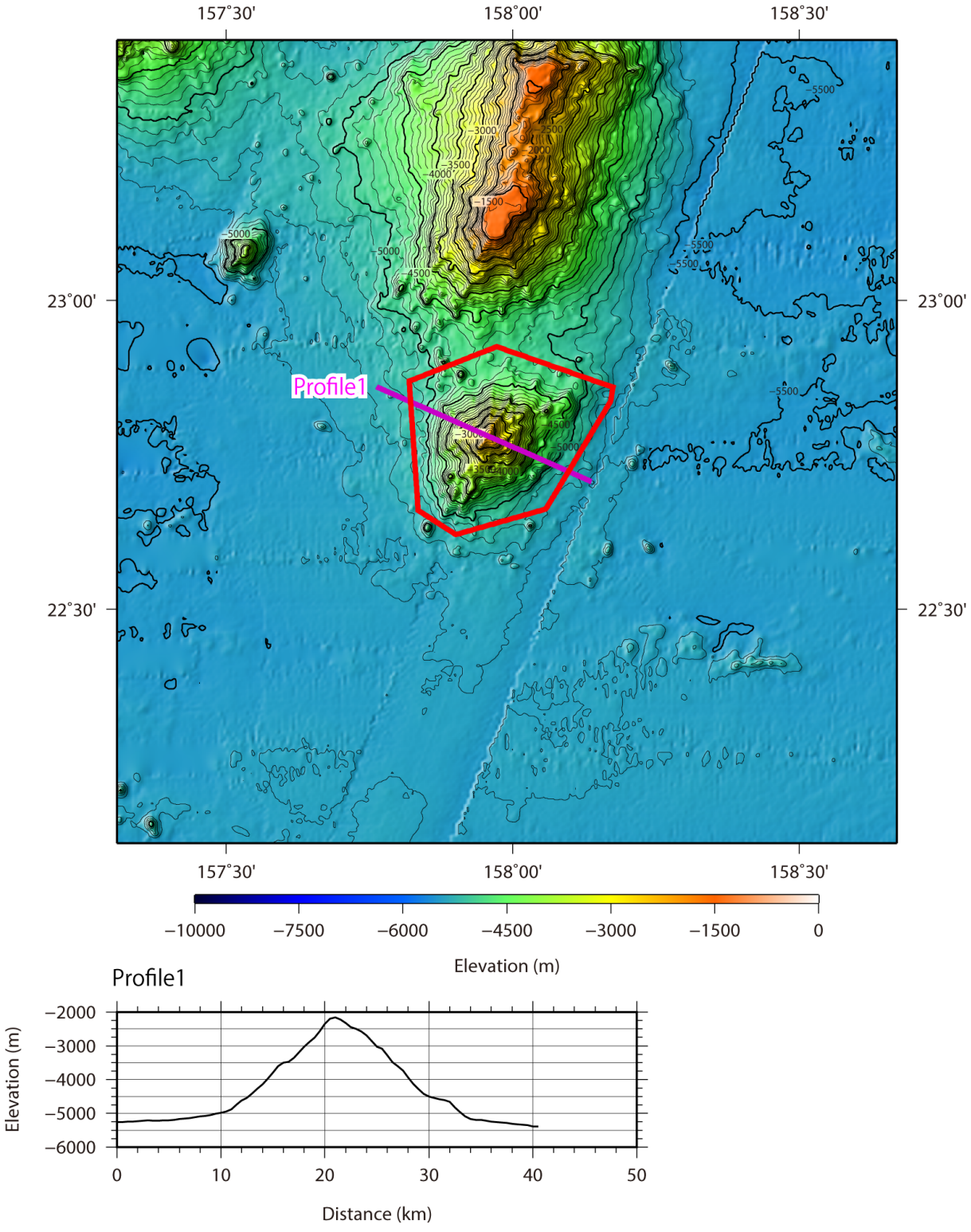

Fig. 3. Bathymetric profile across the Nakano Seamount.