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:	Ammen 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:	20°33.26'N	157°21.24'E
	20°32.87'N	157°24.65'E
	20°30.90'N	157°26.67'E
	20°28.47'N	157°26.88'E
	20°26.82'N	157°25.83'E
	20°26.05'N	157°23.75'E
	20°27.48'N	157°21.31'E
	20°31.49'N	157°19.15'E
	20°33.26'N	157°21.24'E

Feature Description:	Maximum Depth:	5,638 m	Steepness :	N/A
	Minimum Depth :	3,921 m	Shape :	Slightly elongated
	Total Relief :	1,717 m	Dimension/Size :	10 km × 10 km

Associated Features:	Maloney Guyot, Jennings Guyot, and Batiza Guyot

Chart/Map References:	Shown Named on Map/Chart:	Japanese chart #6724 (to be revised in July 26, 2019)
	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):	Daniel Ammen (1820-1898), was a Rear Admiral in the U.S. Navy. He served in coast survey duty for the Navy. Later, he served as the chief of the Bureau of Navigation (1871-1878), which enforced laws relating to the construction, equipment, operation, inspection, safety, and documentation of merchant vessels. The USS *Tuscarora* made over 500 ocean floor soundings and temperature readings in the northwest Pacific (including the area of this proposal) when Ammen was the chief of the Bureau of Navigation (http://www.arlingtoncemetery.net/dammen.htm; https://www.history.navy.mil/research/library/research-guides/z-files/zb-files/zb-files-a/ammen-daniel.html).

Discovery Facts:	Discovery Date:	Jan. 2001
	Discoverer (Individual, Ship):	Japanese survey vessel "Takuyo"

Supporting Survey Data, including	Date of Survey:	Jan. 2001

Track Controls:	Survey Ship:	Japanese survey vessel "Takuyo"
	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:	June 4, 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):	U.S. BGN ACUF; underseafeatures@nga.mil; U.S. Board on Geographic Names Mail Stop: N62 7501 Heller Road Springfield VA 22150-3647 USA

Remarks:	The position of the summit is located in (20°30.23'N, 157°23.82'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/

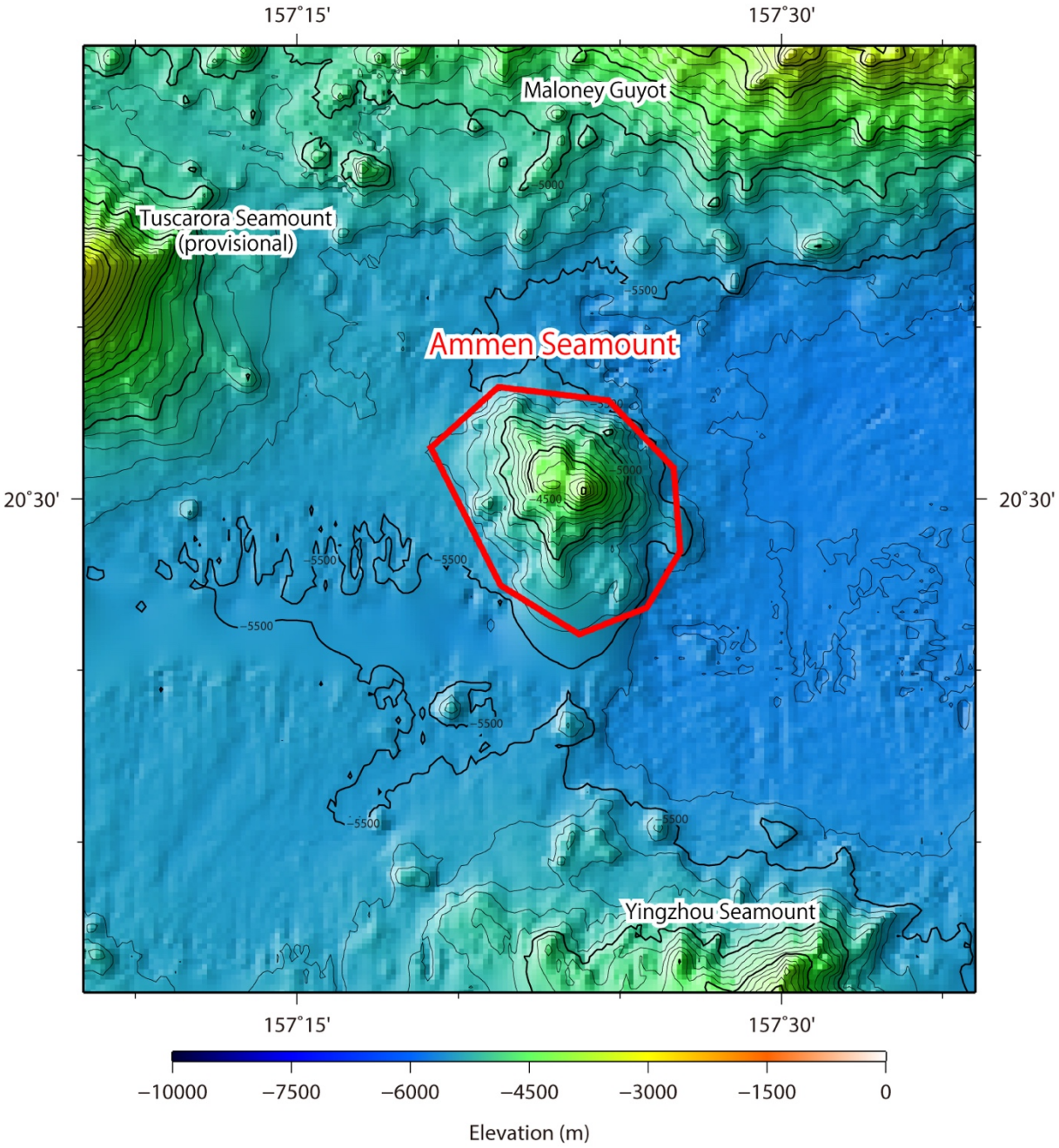

Fig. 1. Bathymetric map of the Ammen Seamount. Contours are in 100 m.

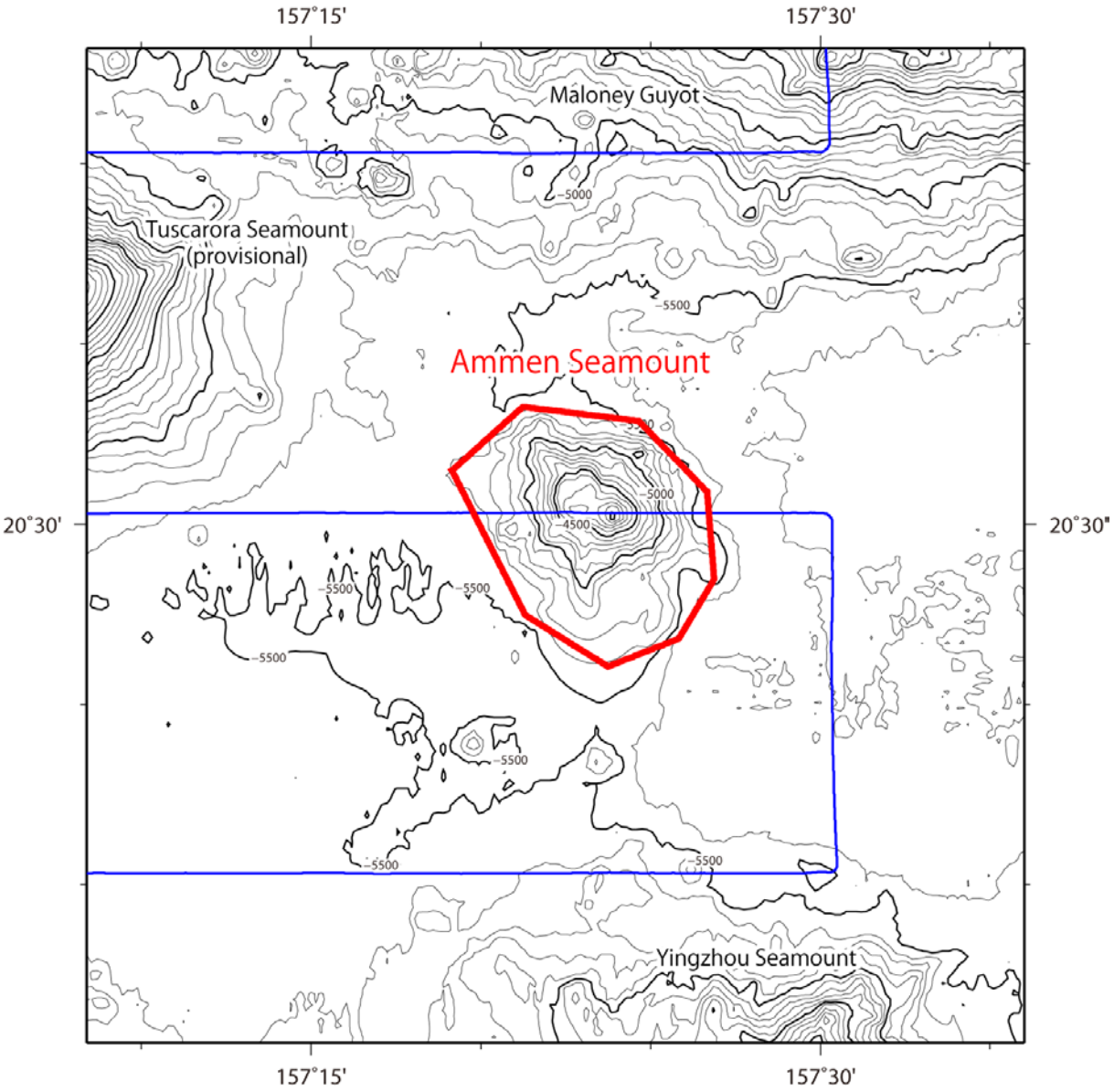

Fig. 2. Bathymetric map of the Ammen Seamount, shown with track lines. Contours are in 100 m.

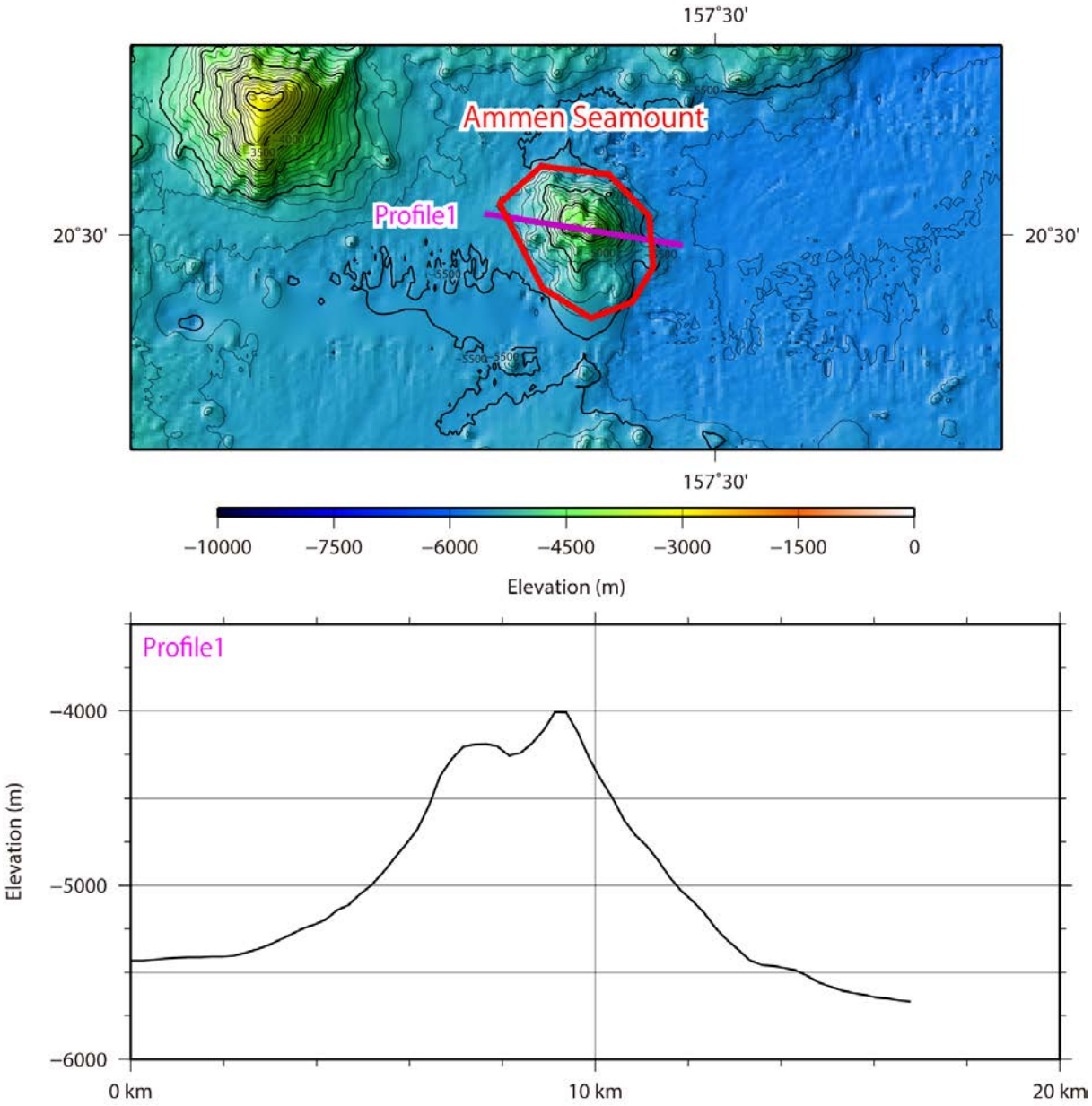

Fig. 3. Bathymetric profile across the Ammen Seamount.

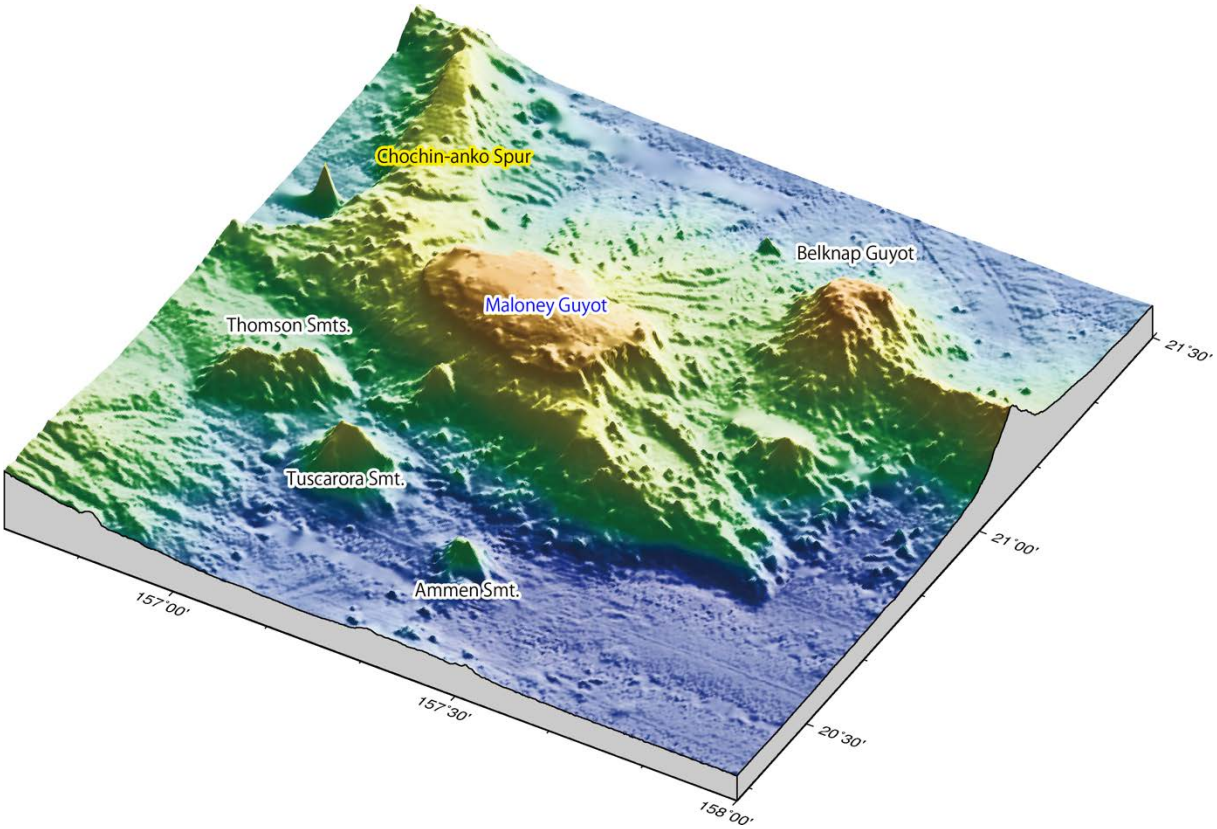

Fig. 4. 3D image of the Ammen Seamount and its vicinity. Name in yellow is already in GEBCO Gazetteer. Name in blue is in ACUF Gazetteer.