

**Re: SCUFN 26/4.2.11 Gion Seamount Chain**

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**August 15, 2016**

**1. Introduction**

This is to reply to SCUFN 26/4.2.11, which proposed “Gion Seamount Chain”, one of the three en-echelon aligned seamount chains in the Philippine Sea. Although the other two chains, Aoi Seamount Chain and Jidai Seamount Chain, were approved by the sub-committee in SCUFN-26 (in 2013, Tokyo), the proposal for Gion Seamount Chain was put into pending status due to not-enough bathymetry coverage.

**2. Reply**

Hydrographic and Oceanographic Department of Japan (HODJ) has a cruise by S/V Takuyo to the Gion Seamount Chain area this year, and we now have complete multibeam bathymetry coverage over the three en-echelon aligned seamount chains. We therefore have prepared the revised proposal for the Gion Seamount Chain (starting from the next page).

<b>INTERNATIONAL HYDROGRAPHIC ORGANIZATION</b>	<b>INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)</b>
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**UNDERSEA FEATURE NAME PROPOSAL**  
(Sea NOTE overleaf)

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

<b>Name Proposed:</b>	Gion Seamount Chain	<b>Ocean or Sea:</b>	Philippine Sea
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<b>Geometry</b> 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)
<b>Coordinates:</b>	19°44.85'N	132°50.71'E
	19°50.07'N	132°45.74'E
	20°03.01'N	132°42.02'E
	20°06.73'N	132°34.35'E
	20°27.46'N	132°23.67'E
	20°30.29'N	132°23.92'E
	20°32.18'N	132°28.46'E
	20°28.15'N	132°34.20'E
	20°11.02'N	132°40.05'E
	20°08.25'N	132°47.08'E
	19°56.76'N	132°52.49'E
	19°46.93'N	132°55.19'E
19°44.21'N	132°54.16'E	

<b>Feature Description:</b>	Maximum Depth:	6100 m in depth	Steepness :	
	Minimum Depth :	4440 m in depth	Shape :	
	Total Relief :	1660 m	Dimension/Size :	

<b>Associated Features:</b>	Aoi Seamount Chain, Jidai Seamount Chain
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<b>Chart/Map References:</b>	Shown Named on Map/Chart:	6722
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	<p>"Gion" is named after a Japanese traditional festival, the Gion Matsuri, that is the most famous festival in Japan. It takes place over the entire month of July. There are many different events, but two are particularly renowned: the Yamaboko Junko, a procession of floats on July 17th; and Yoiyama, the festive evenings preceding the procession.</p> <p>See more at <a href="http://en.wikipedia.org/wiki/Gion_Matsuri">http://en.wikipedia.org/wiki/Gion_Matsuri</a></p>
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<b>Discovery Facts:</b>	Discovery Date:	1994
	Discoverer (Individual, Ship):	The Japanese survey vessel "Takuyo"

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	Jun. 2016
	Survey Ship:	The Japanese survey vessel "Takuyo"

	Sounding Equipment:	Multibeam echo sounder EM122
	Type of Navigation:	GPS without Selective Availability
	Estimated Horizontal Accuracy (nm):	0.014 nm (26 m)
	Survey Track Spacing:	5 nm
	Supporting material can be submitted as Annex in analog or digital form.	

<b>Proposer(s):</b>	Name(s):	JCUFN
	Date:	August 15, 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):	

<b>Remarks:</b>	Aoi, Gion, and Jidai Seamount Chains form a three en-echelon aligned seamount chain group, implying genetical relationship with each other.
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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: <a href="mailto:info@ihb.mc">info@ihb.mc</a>	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a>
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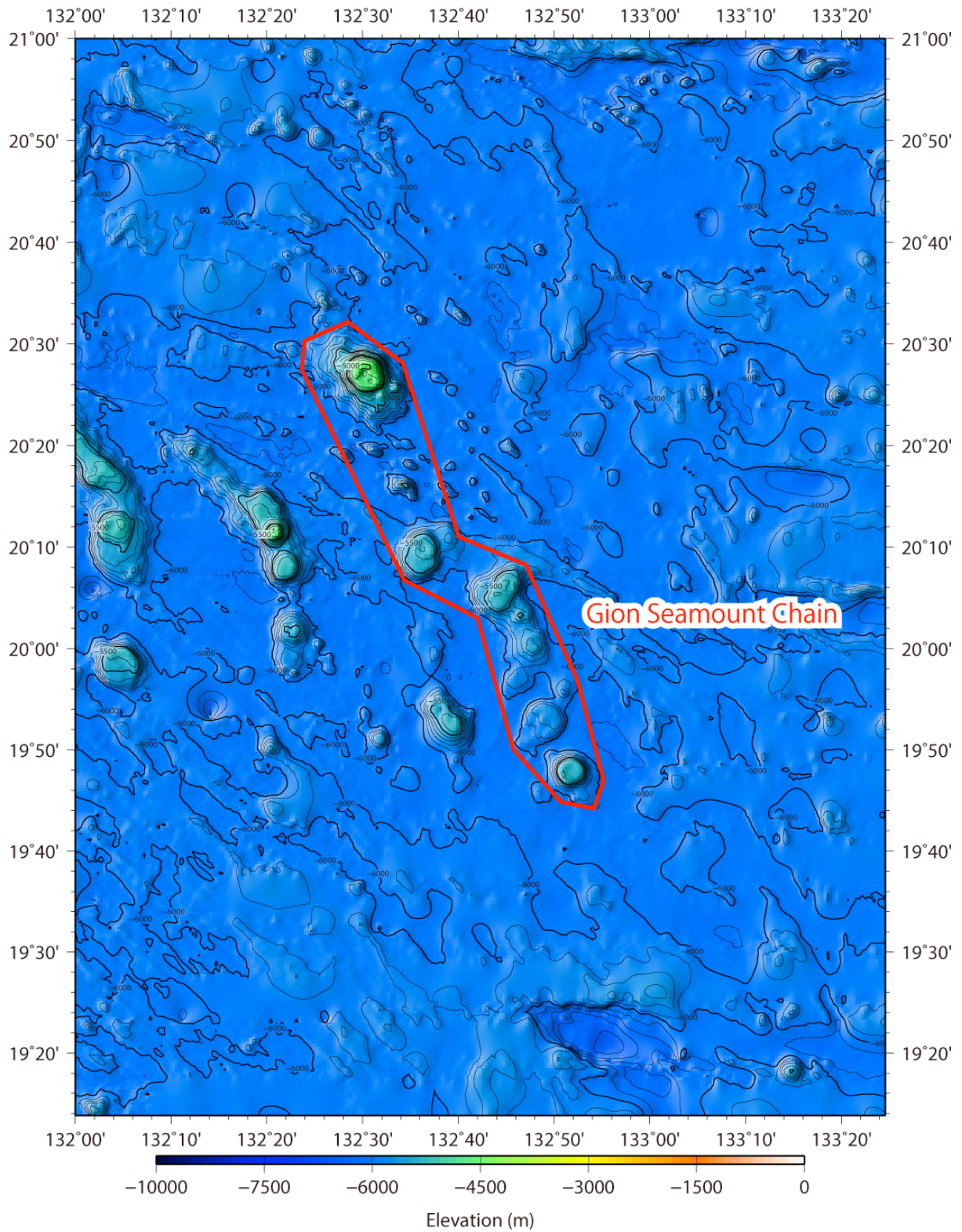


Fig. 1. Bathymetric map of the Gion Seamount Chain. Contours are in 100 m.

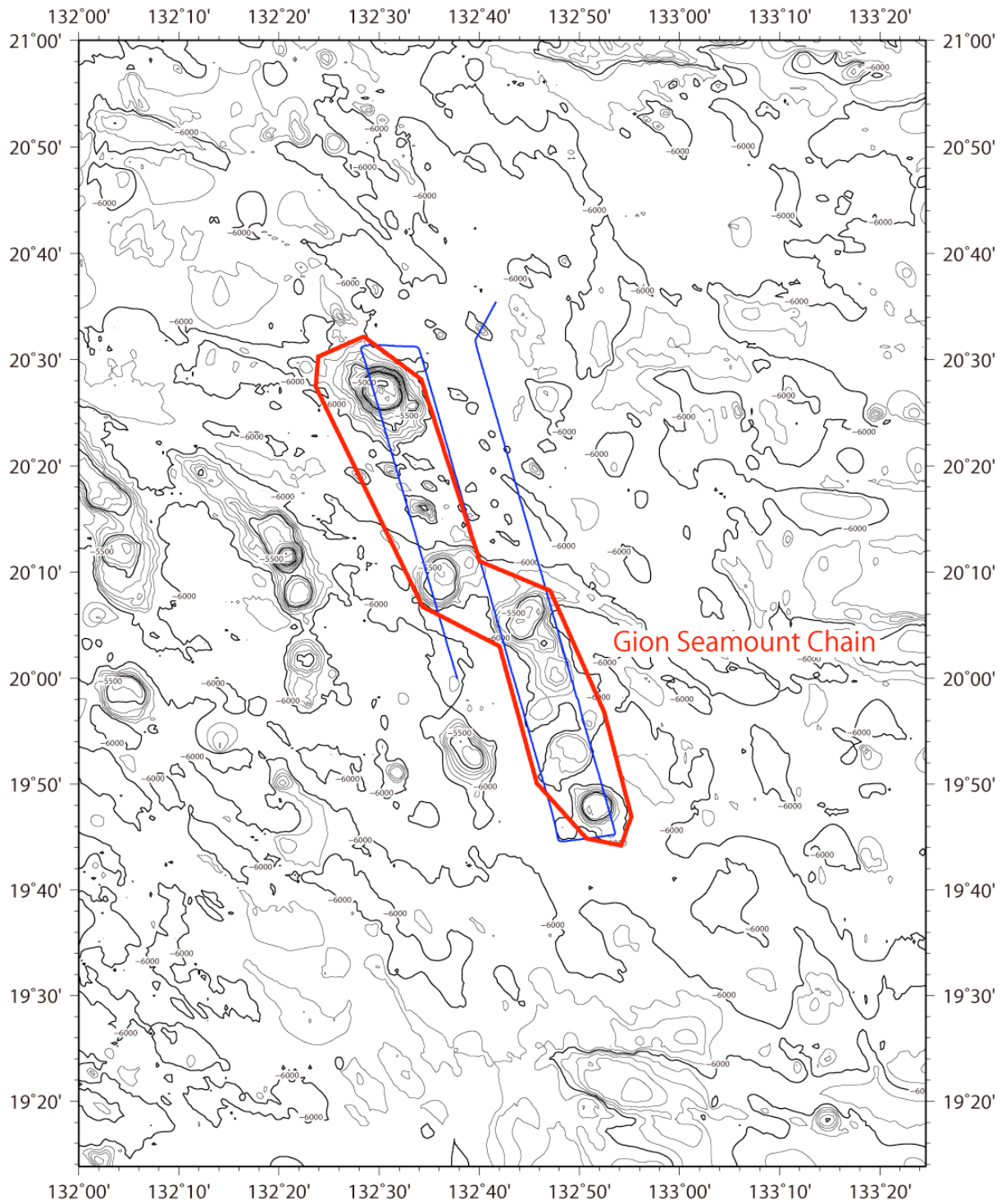


Fig. 2. Bathymetric map of the Gion Seamount Chain, showing with track lines. Contours are in 100 m.

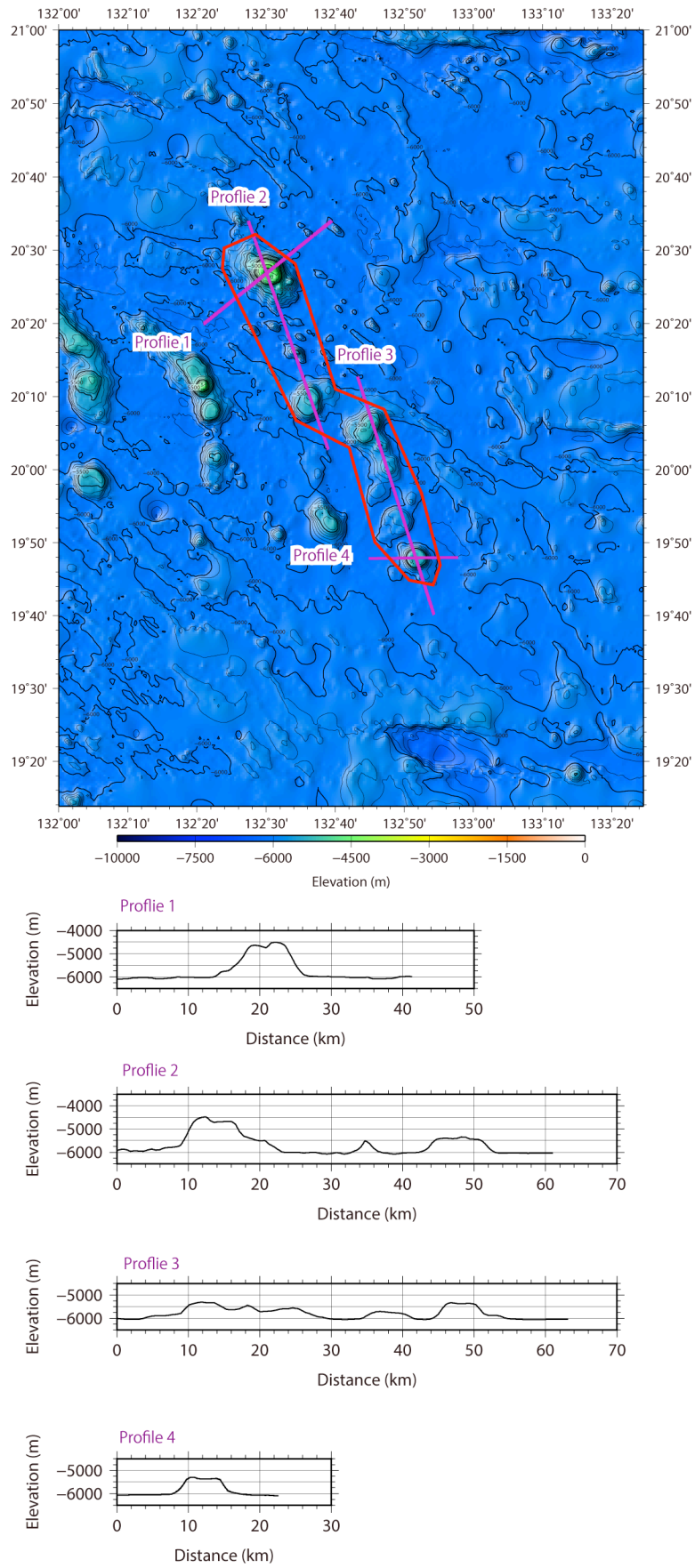


Fig. 3. Bathymetric profile for the Gion Seamount Chain.