

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:	Changcheng Seamount	Ocean or Sea:	Scotia Sea
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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:	58° 51.5' S (Summit)	63° 43.3' W (Summit)
	58° 48.1' S (Bottom)	63° 42.6' W (Bottom)
	58° 48.2' S	63° 44.5' W
	58° 49.1' S	63° 46.8' W
	58° 50.5' S	63° 47.9' W
	58° 51.9' S	63° 47.3' W
	58° 53.1' S	63° 46.6' W
	58° 54.2' S	63° 46.2' W
	58° 55.5' S	63° 45.6' W
	58° 56.1' S	63° 44.2' W
	58° 55.9' S	63° 42.2' W
	58° 55.1' S	63° 40.7' W
	58° 54.2' S	63° 40.2' W
	58° 53.3' S	63° 40.4' W
	58° 52.0' S	63° 39.3' W
	58° 51.1' S	63° 38.8' W
58° 49.3' S	63° 39.9' W	
58° 48.1' S (Bottom)	63° 42.6' W (Bottom)	

Feature Description:	Maximum Depth:	3700m	Steepness :	
	Minimum Depth :	2398m	Shape :	
	Total Relief :	1302m	Dimension/Size :	13.7km×7.8km

Associated Features:	located in the Drake Passage
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.16
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	This seamount is located in the Drake Passage, and it is the first seamount discovered by R/V Xiangyanghong 01 on the way to the Chinese Antarctic Great Wall Station. Changcheng means “the Great Wall” in Chinese. So we name is after Changcheng.
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Discovery Facts:	Discovery Date:	Jan. 2018
	Discoverer (Individual, Ship):	R/V Xiangyanghong 01

Supporting Survey Data, including Track Controls:	Date of Survey:	Jan.2018
	Survey Ship:	R/V Xiangyanghong 01
	Sounding Equipment:	Multi-beam sounding system (Seabeam3012)
	Type of Navigation:	VERIPOS LD7
	Estimated Horizontal Accuracy, in nautical miles (M):	<=0.08nm
	Survey Track Spacing:	
Supporting material can be submitted as Annex in analog or digital form.		

Proposer(s):	Name(s):	The First Institute of Oceanography, Ministry of Natural Resources, China
	Date:	Jul. 2019
	E-mail:	zhengyp@fio.org.cn
	Organization and Address:	No. 6 Xianxialing Road, Qingdao
	Concurrer (name, e-mail, organization and address):	Chinese Arctic and Antarctic Administration

Remarks:	This proposal has been reviewed and approved by China Subcommittee on Undersea Feature Names (CCUFN). No.64 Fuchengmennei Street, Xicheng District, Beijing, China, 100812 heyunxu@sina.com
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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 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 <u>Principality of MONACO</u> 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 <u>France</u> Fax: +33 1 45 68 58 12 E-mail: info@unesco.org Web: http://ioc-unesco.org/
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ANNEX

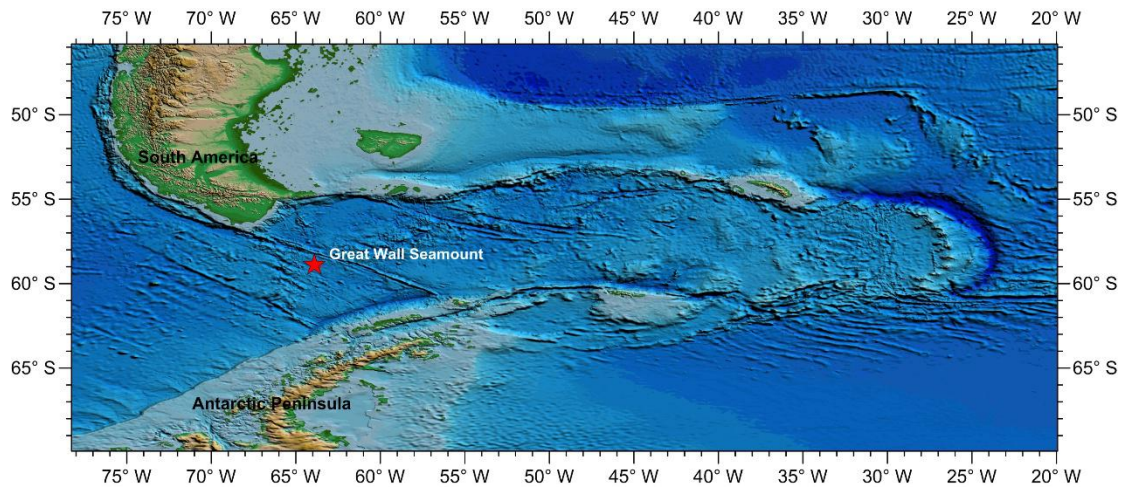


Fig.1. Index map showing the location of Changcheng Seamount

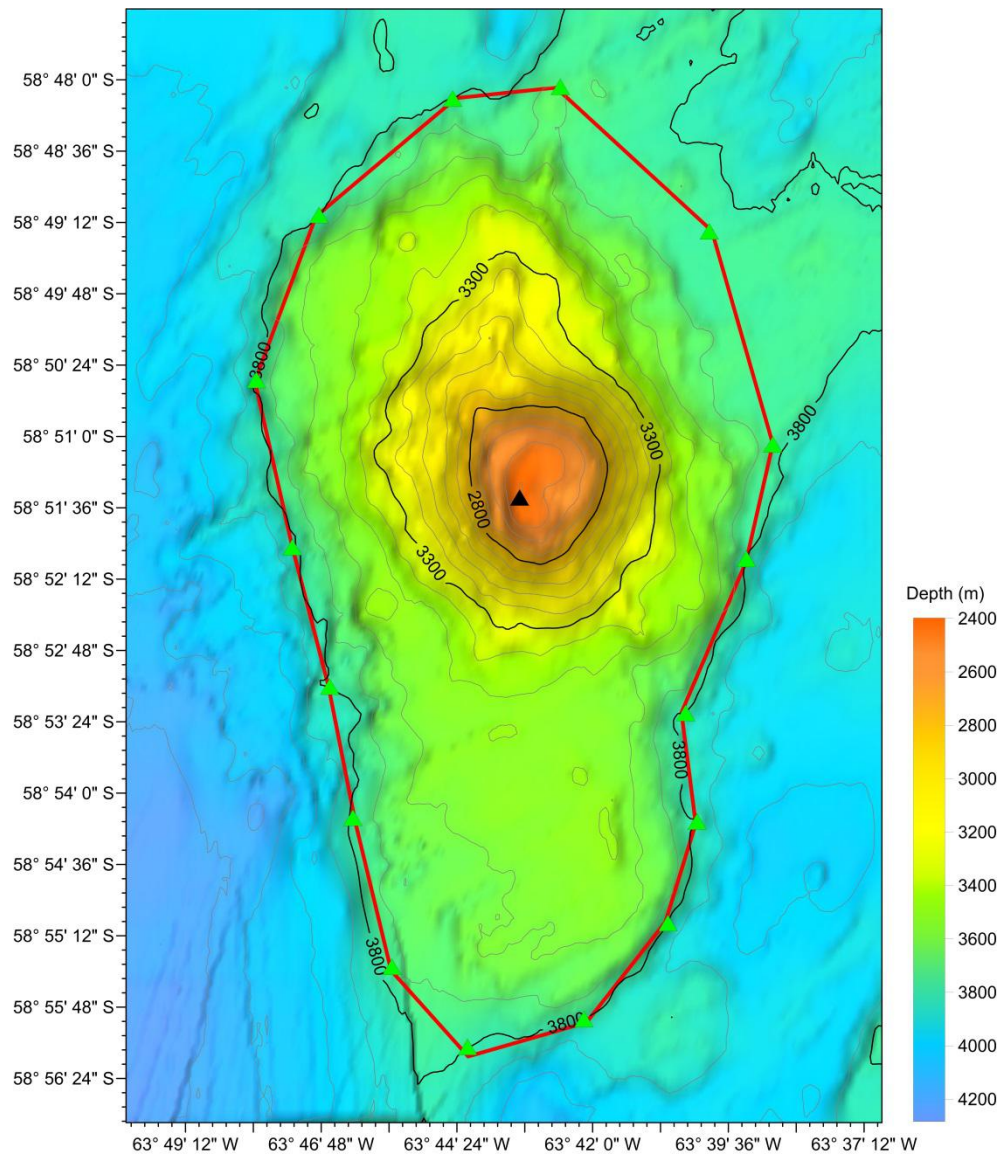


Fig.2. Bathymetric map of Changcheng Seamount. Contours are in 100m

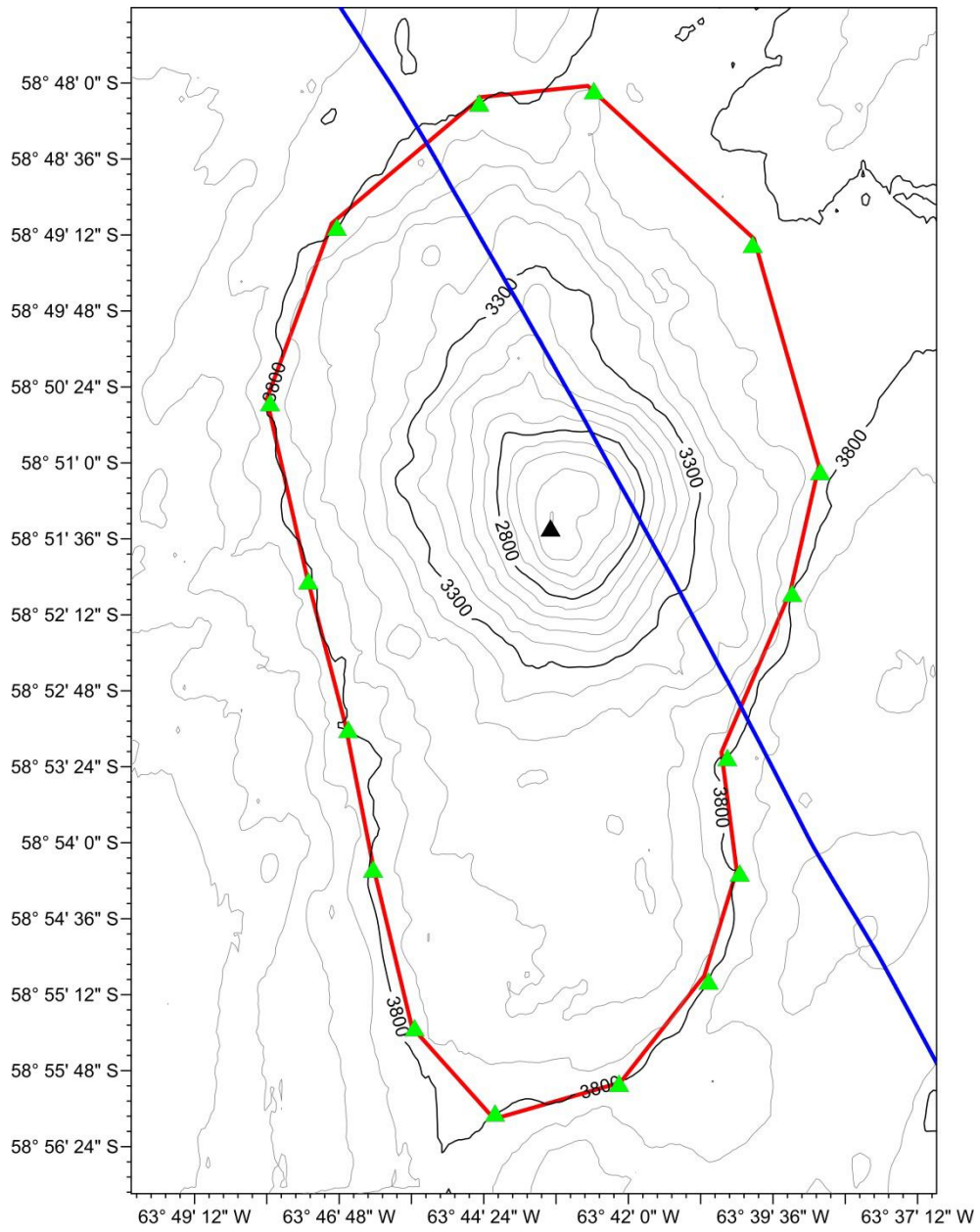


Fig.3. Bathymetric map of Changcheng Seamount showing track lines. Contours are in 100m

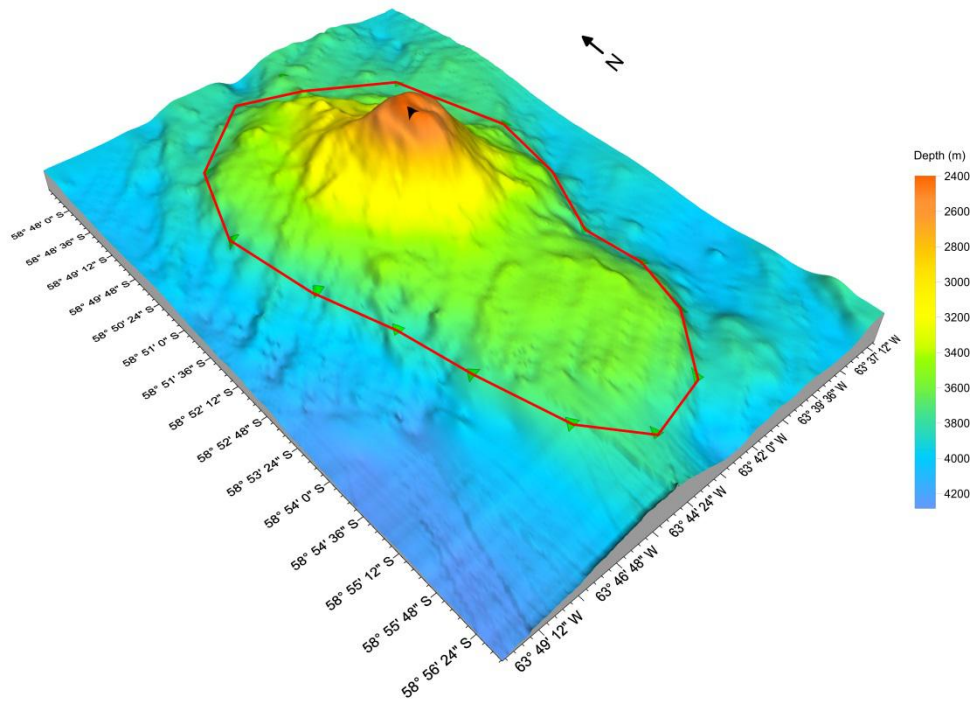


Fig.4. 3-D bathymetric map of Changcheng Seamount

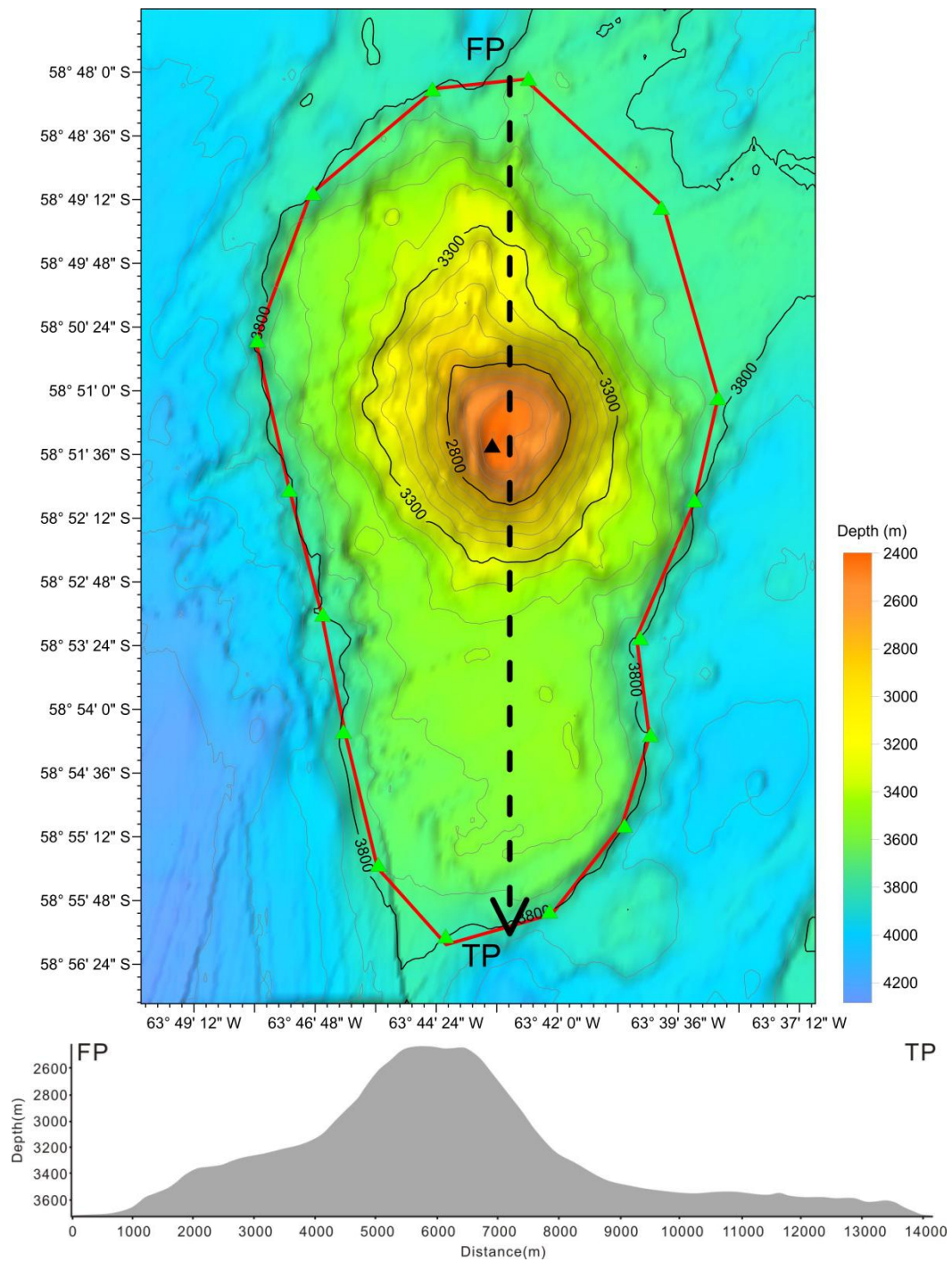


Fig.5. Profiles bathymetric map of Changcheng Seamount