

**UNDERSEA FEATURE NAME PROPOSAL**

(See NOTE overleaf)

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

<b>Name Proposed:</b>	Tianlong Seamounts	<b>Ocean or Sea:</b>	Indian Ocean
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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>	4 59.7'N(Summit)	62°02.5'E(Summit)
	5 04.4'N(Summit)	61 59.0'E(Summit)
	5 04.8'N(Summit)	61 49.0'E(Summit)
	5 10.0'N(Summit)	61°53.5'E(Summit)
	5 09.4'N(Bottom)	61 59.8'E(Bottom)
	5 10.2'N	61 58.2'E
	5 10.3'N	61 57.0'E
	5 11.2'N	61 55.2'E
	5 12.3'N	61 53.8'E
	5 13.0'N	61 52.5'E
	5 13.5'N	61 50.9'E
	5 14.0'N	61 49.7'E
	5 14.8'N	61 48.3'E
	5 15.3'N	61 45.5'E
	5 14.9'N	61 44.7'E
	5 12.6'N	61 45.9'E
	5 10.4'N	61 47.0'E
	5 09.4'N	61 47.9'E
	5 07.8'N	61 49.0'E
	5 06.8'N	61 48.7'E
	5 06.1'N	61 47.8'E
	5 05.0'N	61 47.5'E
	5 03.0'N	61 48.7'E
	5 02.6'N	61 50.9'E
	5 01.5'N	61 51.7'E
	4 59.3'N	61 52.5'E
	4 57.3'N	61 53.2'E
	4 56.3'N	61 54.3'E
	4 56.1'N	61 56.2'E
	4 57.7'N	61 58.2'E
	4 57.9'N	61 59.2'E
	4 57.4'N	62 00.4'E
4 55.9'N	62 01.6'E	
4 54.8'N	62 03.4'E	
4 54.7'N	62 04.9'E	
4 56.3'N	62 06.1'E	
4 57.9'N	62 06.6'E	
5 02.3'N	62 06.2'E	
5 04.2'N	62 05.7'E	
5 05.9'N	62 06.4'E	

	5 07.4'N 5 08.4'N 5 09.0'N 5 09.4'N(Bottom)	62 04.9'E 62 03.1'E 62 01.1'E 61 59.8'E(Bottom)
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<b>Feature Description:</b>	Maximum Depth:	4377 m	Steepness :	
	Minimum Depth :	1748 m	Shape :	Irregular
	Total Relief :	2629 m	Dimension/Size :	53 km×28 km

<b>Associated Features:</b>	Tianlong Seamounts is a blockgebirge, which is composed of Oceanic Core Complex. It seems like a crouched dragon.
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<b>Chart/Map References:</b>	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.05
	Within Area of Map/Chart:	

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	The seamounts are named Tianlong for its shape of a dragon.
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<b>Discovery Facts:</b>	Discovery Date:	May. 2012
	Discoverer (Individual, Ship):	Chinese R/V HAIYANG No.18

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	May. 2012
	Survey Ship:	Chinese R/V HAIYANG No.18
	Sounding Equipment:	Multi-beam Echo Sounding System (Seabeam 2112)
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	≤8nm
	Survey Track Spacing:	5nm
	Supporting material can be submitted as Annex in analog or digital form. See Annex	

<b>Proposer(s):</b>	Name(s):	China Ocean Mineral Resources Research and Development Association (COMRA)
	Date:	Apr 08. 2018
	E-mail:	comra@comra.org
	Organization and Address:	No.1 Fuxingmenwai Street, Xicheng District, Beijing
	Concurrer (name, e-mail, organization and address):	

<b>Remarks:</b>	This proposal has been reviewed and approved by China Subcommittee on Undersea Feature Names (CCUFN). No.1 Fuxingmenwai Street, Xicheng District, Beijing, China, 100860 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 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 <u>Principality of MONACO</u> 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 <u>France</u> Fax: +33 1 45 68 58 12 E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a>
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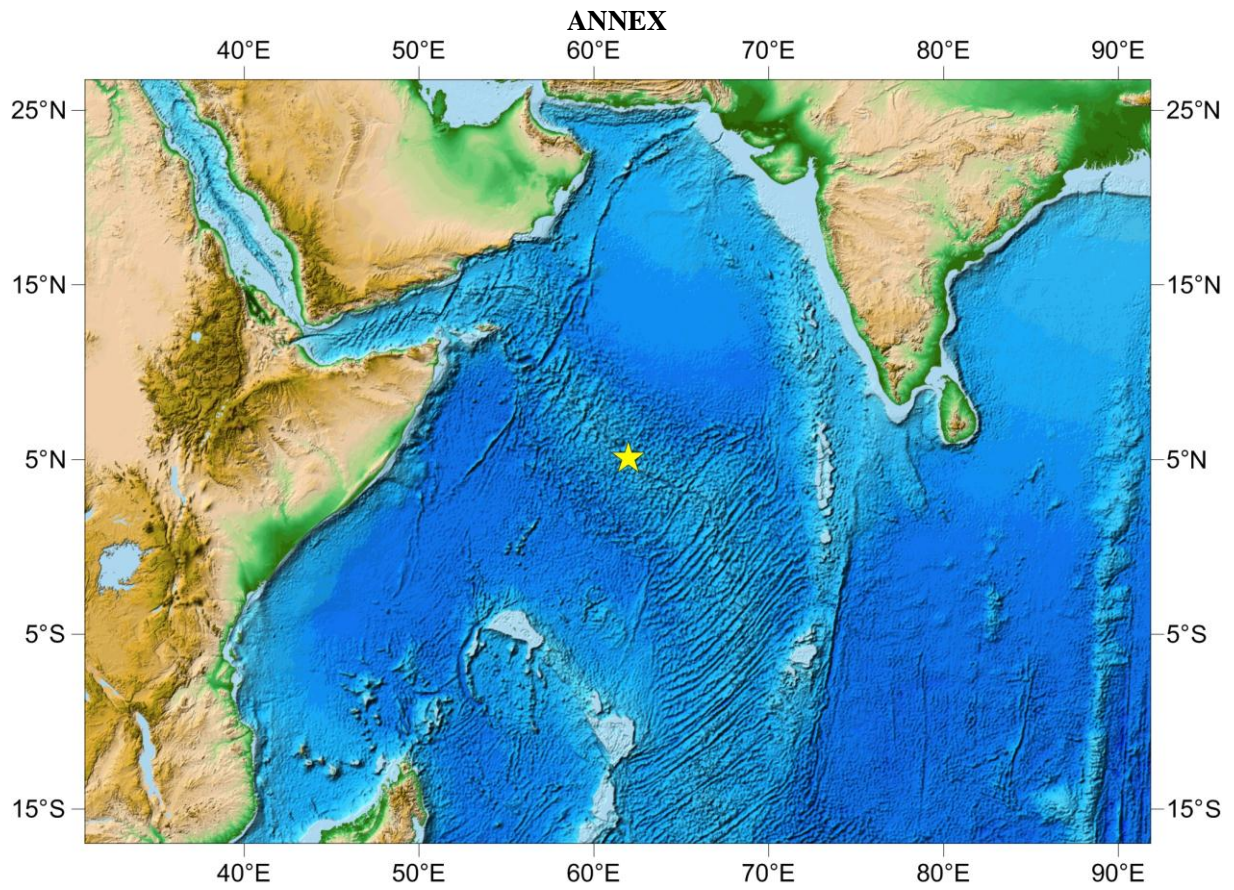


Fig. 1 Location of the Tianlong Seamounts

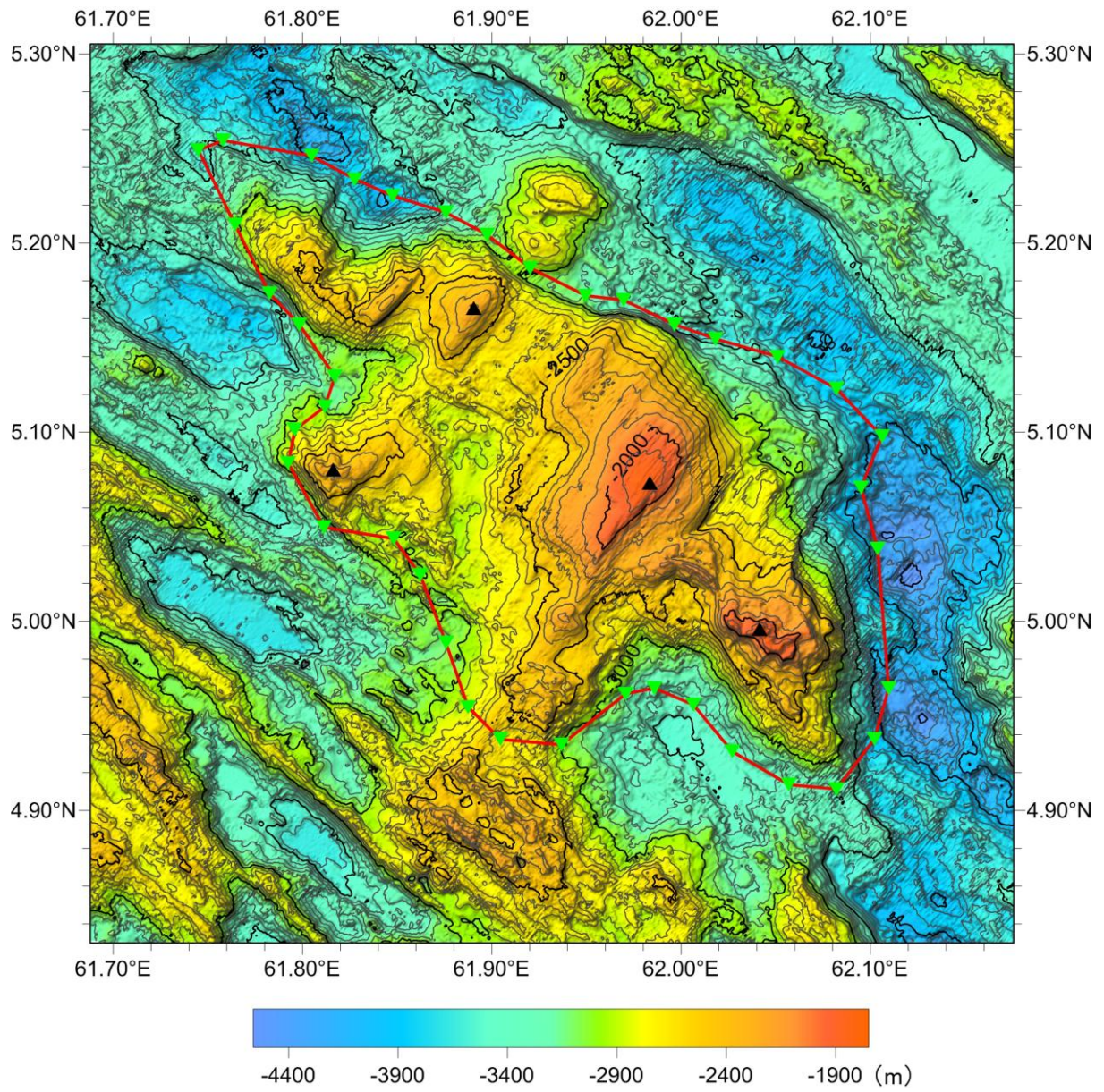


Fig. 2 Bathymetric map of the Tianlong Seamounts (the contour interval is 100 m)

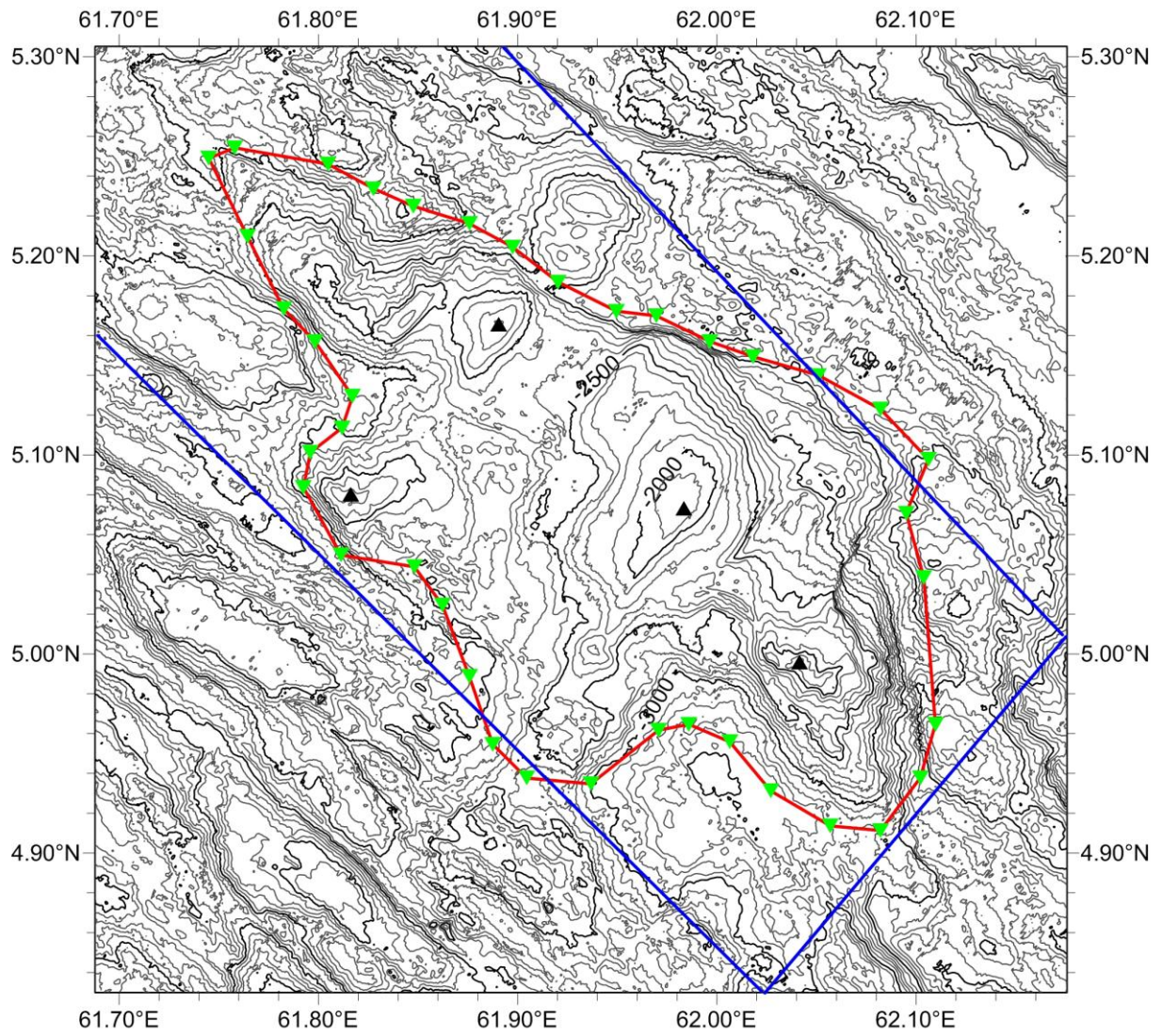


Fig. 3 Bathymetric and survey line map of the Tianlong Seamounts (the contour interval is 100 m, blue ones are survey lines)

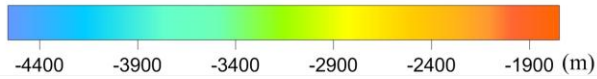
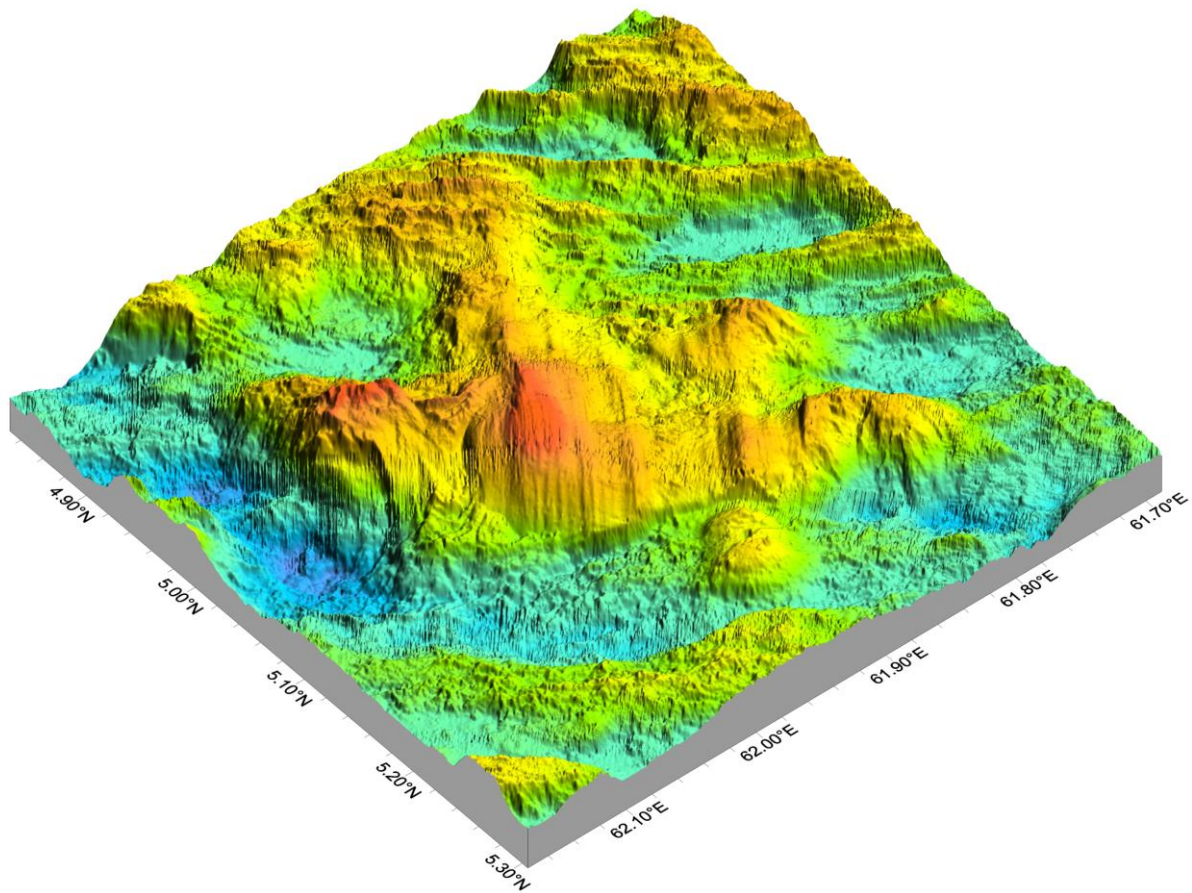


Fig. 4 3-D topography map of the Tianlong Seamounts

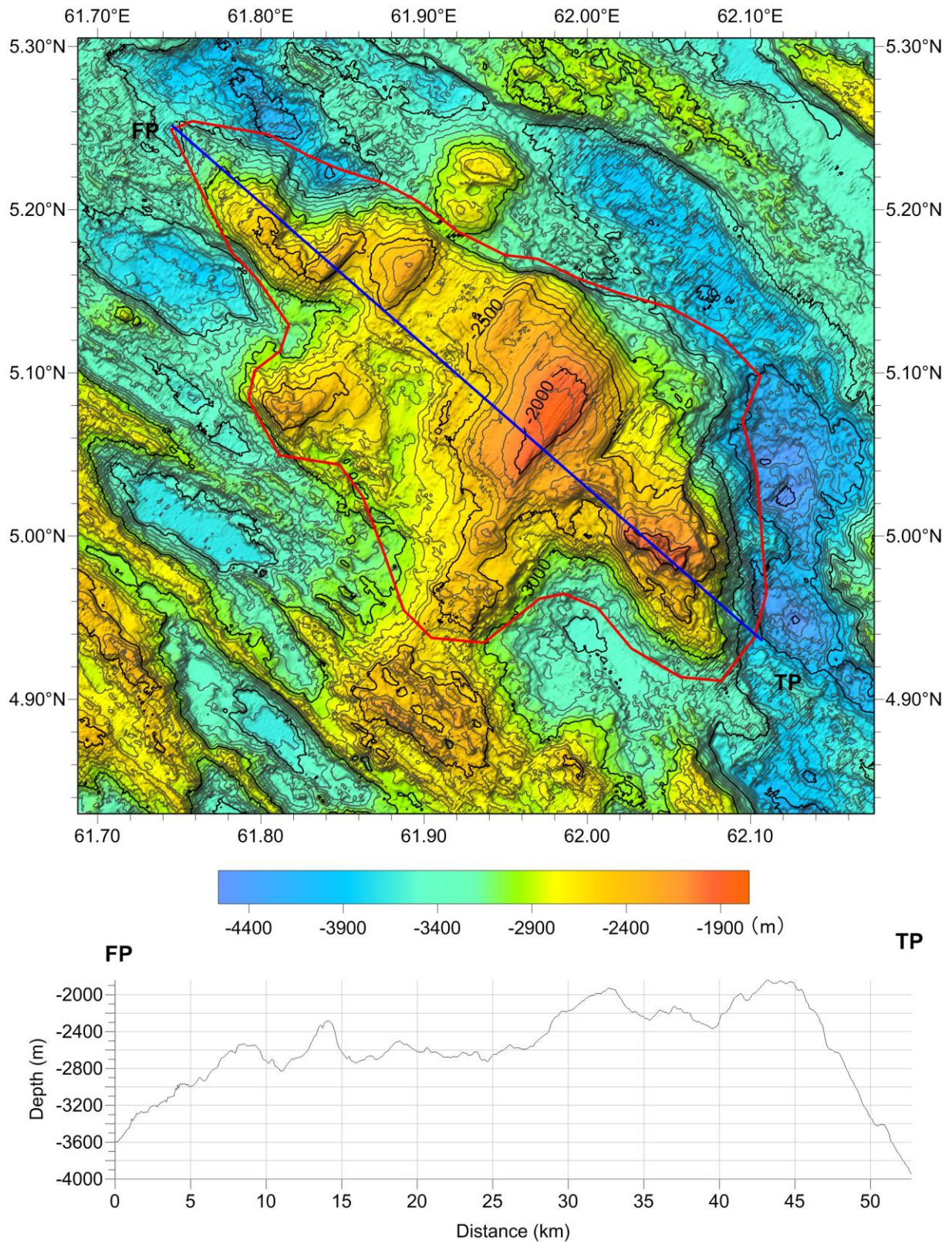


Fig. 5 Profile map of the Tianlong Seamounts