

**UNDERSEA FEATURE NAME PROPOSAL**  
(See IHO-IOC Publication B-6 and NOTE overleaf)

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

<b>Name Proposed:</b>	Daxi Ridge	<b>Ocean or Sea:</b>	Northwest Indian Ocean
-----------------------	------------	----------------------	------------------------

<b>Geometry that best defines the feature (Yes/No) :</b>						
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>	06°48.1' N (TOP)	60°10.5' E (TOP)
	06°46.4' N (Bottom)	60°12.6' E (Bottom)
	06°46.4' N	60°11.8' E
	06°46.5' N	60°11.4' E
	06°46.8' N	60°11.1' E
	06°46.8' N	60°10.5' E
	06°46.8' N	60°10.2' E
	06°47.0' N	60°09.5' E
	06°47.5' N	60°09.3' E
	06°47.9' N	60°09.3' E
	06°48.2' N	60°09.1' E
	06°48.4' N	60°08.9' E
	06°49.0' N	60°08.6' E
	06°49.5' N	60°08.7' E
	06°49.9' N	60°08.6' E
	06°50.4' N	60°08.6' E
	06°50.5' N	60°09.0' E
	06°50.5' N	60°09.6' E
	06°50.3' N	60°10.0' E
	06°49.9' N	60°10.3' E
	06°49.4' N	60°10.6' E
	06°49.0' N	60°11.0' E
	06°48.7' N	60°11.4' E
	06°48.3' N	60°11.8' E
	06°47.8' N	60°12.3' E
06°47.5' N	60°12.9' E	
06°47.0' N	60°13.3' E	
06°46.7' N	60°13.3' E	
06°46.4' N	60°12.6' E	

<b>Feature Description:</b>	Maximum Depth:	4000 m	Steepness :	
	Minimum Depth :	3300 m	Shape :	
	Total Relief :	700 m	Dimension/Size :	12 km * 5 km

<b>Associated Features:</b>	This ridge belongs to new volcanic ridge has an elongated shape.
-----------------------------	--

<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 name comes from a poem named Xuanniao in Shijing·Shangsong. Shijing is a collection of ancient Chinese Poems from 11 <sup>th</sup> century B.C. to 6 <sup>th</sup> century B.C. "Ten wagons with his dragon flags, Carried great store of grains in bags". "Daxi" means some kind of millet for sacrifice in ancient China. An active hydrothermal field was found in this ridge during the 33 <sup>rd</sup> ocean cruise in 2015 and named "Daxi Hydrothermal Field". There are a lot of blind shrimps and crabs in this area, as feast in the Dragon King's palace. The location of the hydrothermal field is named "Daxi Ridge" according to topographic features.
--	---

<b>Discovery Facts:</b>	Discovery Date:	May, 2012
	Discoverer (Individual, Ship):	Chinese R/V Lisiguanghao

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	May, 2012
	Survey Ship:	Chinese R/V Lisiguanghao
	Sounding Equipment:	Multi-beam Echo Sounding System (EM120)
	Type of Navigation:	DGPS
	Estimated Horizontal Accuracy (nm):	≤0.0054 nm
	Survey Track Spacing:	5 nm
	Supporting material can be submitted as Annex in analog or digital form: see Annex	

<b>Proposer(s):</b>	Name(s):	China Ocean Mineral Resources R&D Association (COMRA)
	Date:	July 1, 2017
	E-mail:	<a href="mailto:comra@comra.org">comra@comra.org</a>
	Organization and Address:	Fuxingmenwai Street No.1, Xicheng District, Beijing, China
	Concurrer (name, e-mail, organization and address):	

<b>Remarks:</b>	The proposal has been reviewed and approved by Sub-Committee on Undersea Feature Names of China Committee on Geographical Names (CCUFN). No.1, Fuxingmenwai Street, Xicheng District, Beijing, China, 100860 <a href="mailto:heyunxu@sina.com">heyunxu@sina.com</a>
-----------------	---

**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) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France
---	--

Fax: +377 93 10 81 40  
E-mail: [info@iho.int](mailto:info@iho.int)  
Web: [www.iho.int](http://www.iho.int)

Fax: +33 1 45 68 58 12  
E-mail: [info@unesco.org](mailto:info@unesco.org)  
Web: <http://ioc-unesco.org/>

# ANNEX

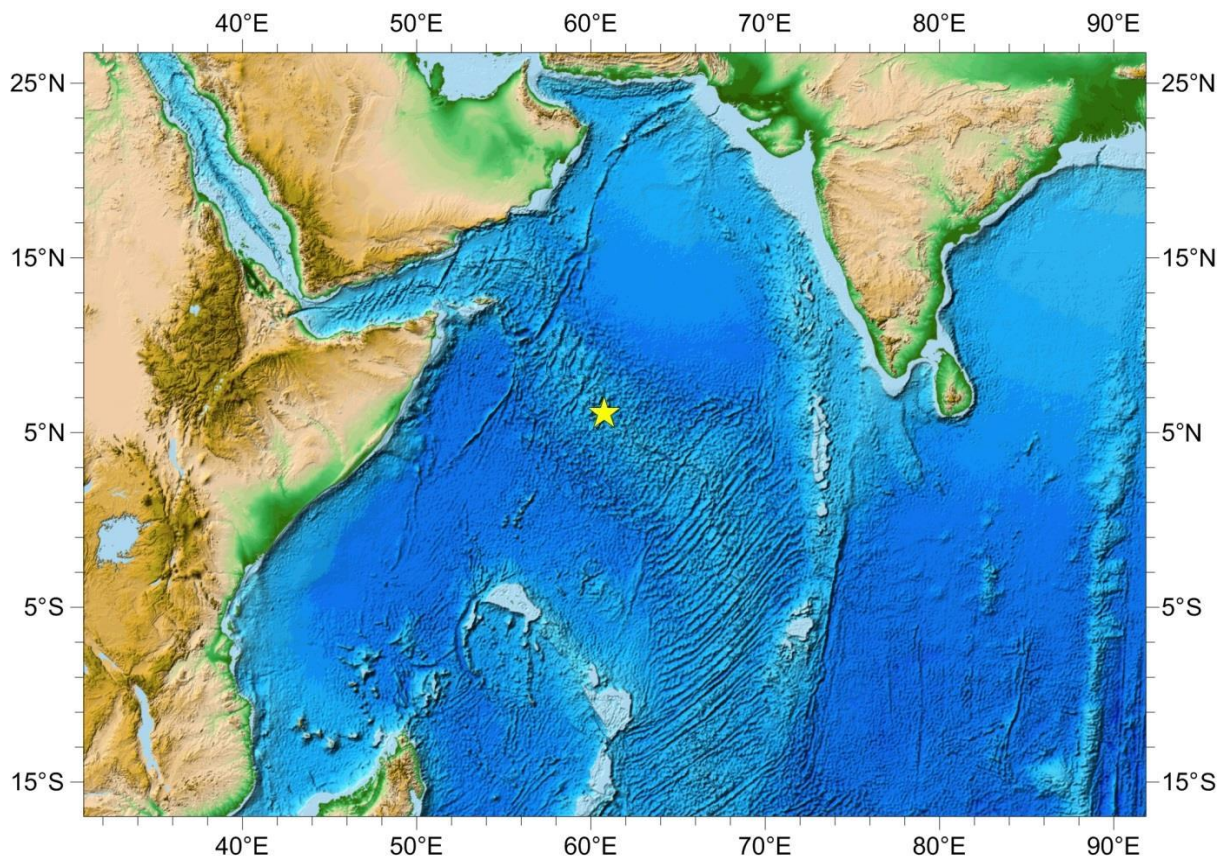


Fig. 1 Location of Daxi Ridge

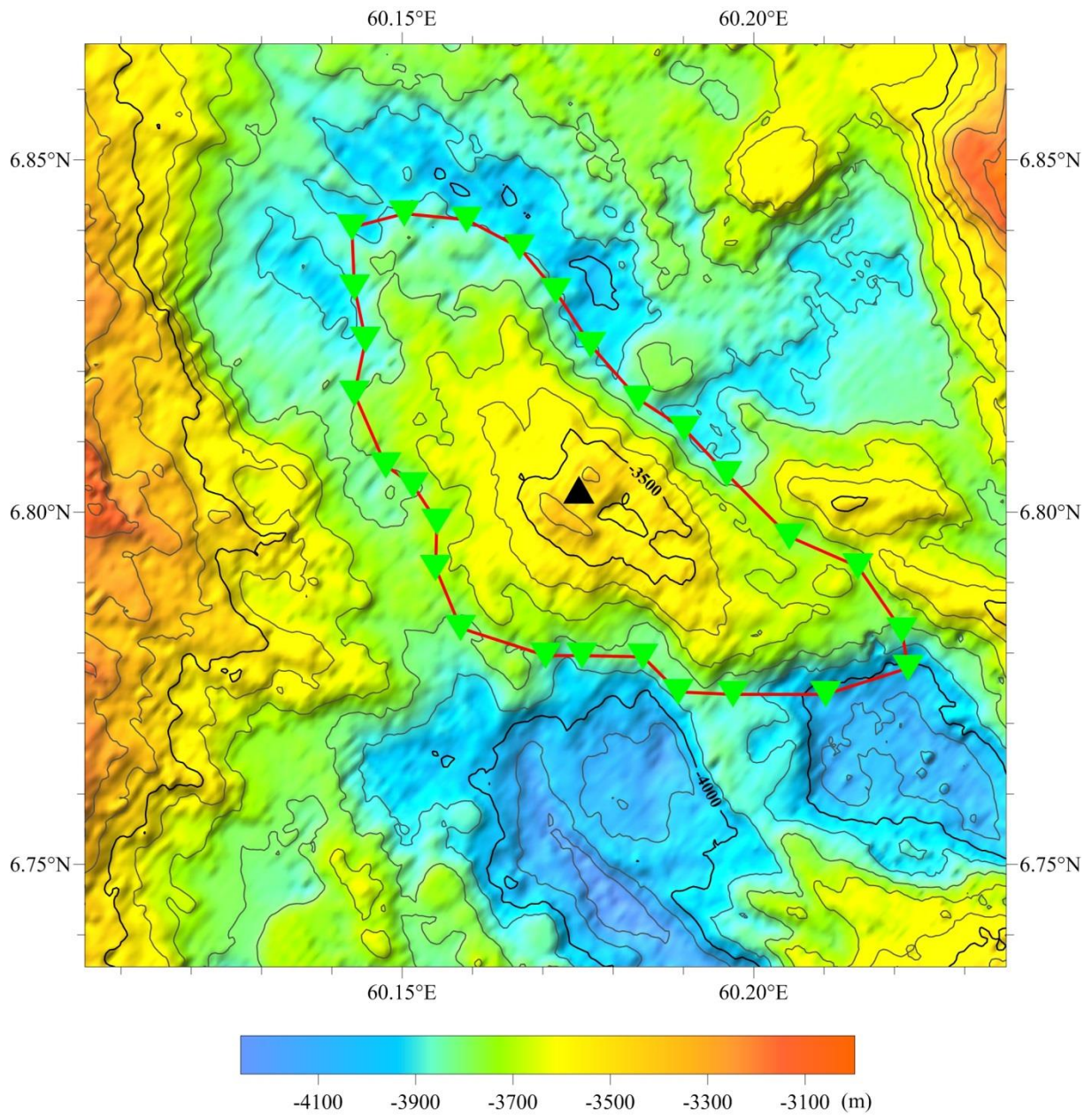


Fig. 2 Bathymetric map of Daxi Ridge (Contours are in 100 m)

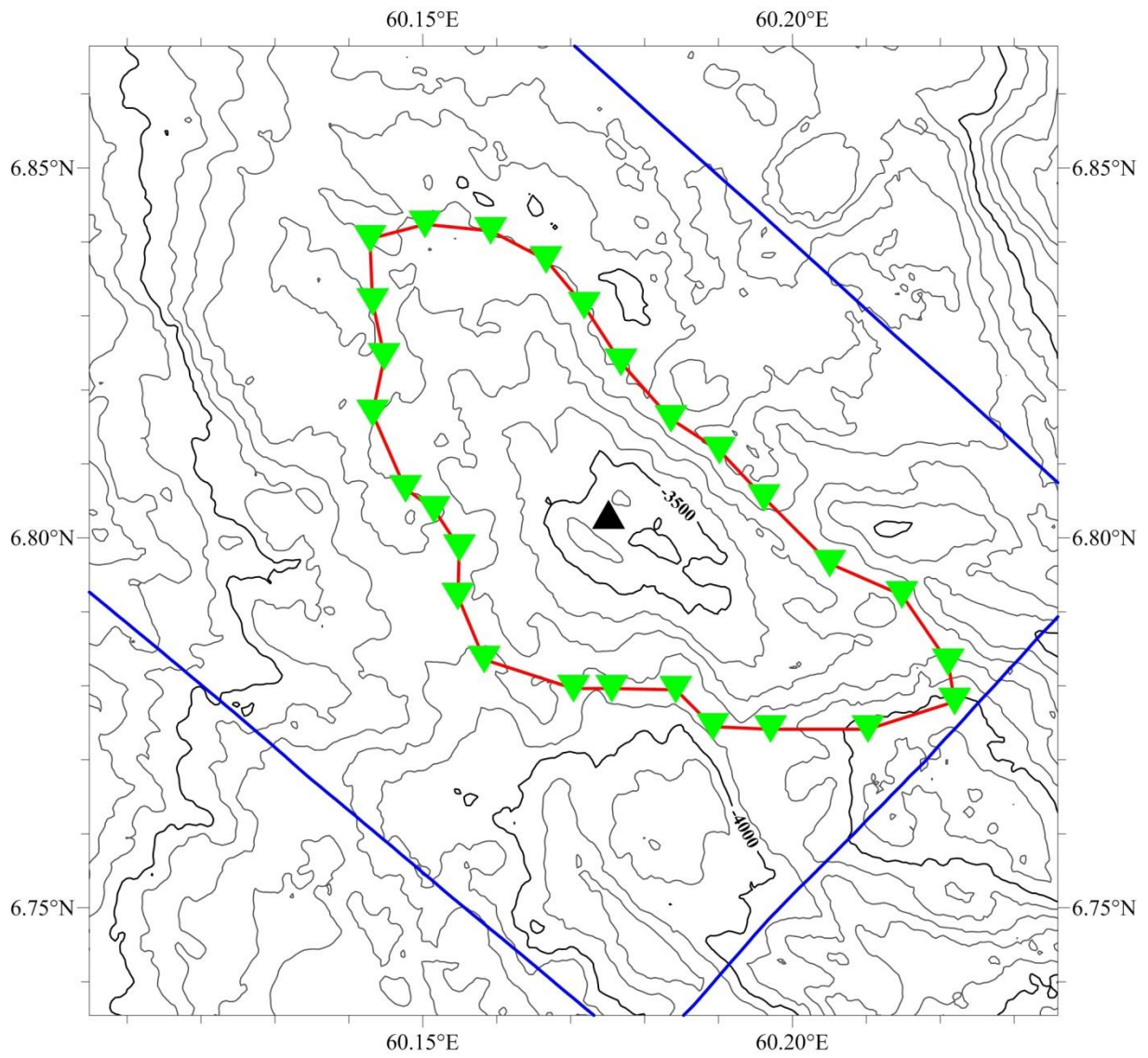


Fig. 3 Bathymetric and survey line map of Daxi Ridge (Contours are in 100 m, blue ones are survey lines)

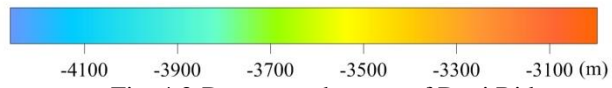
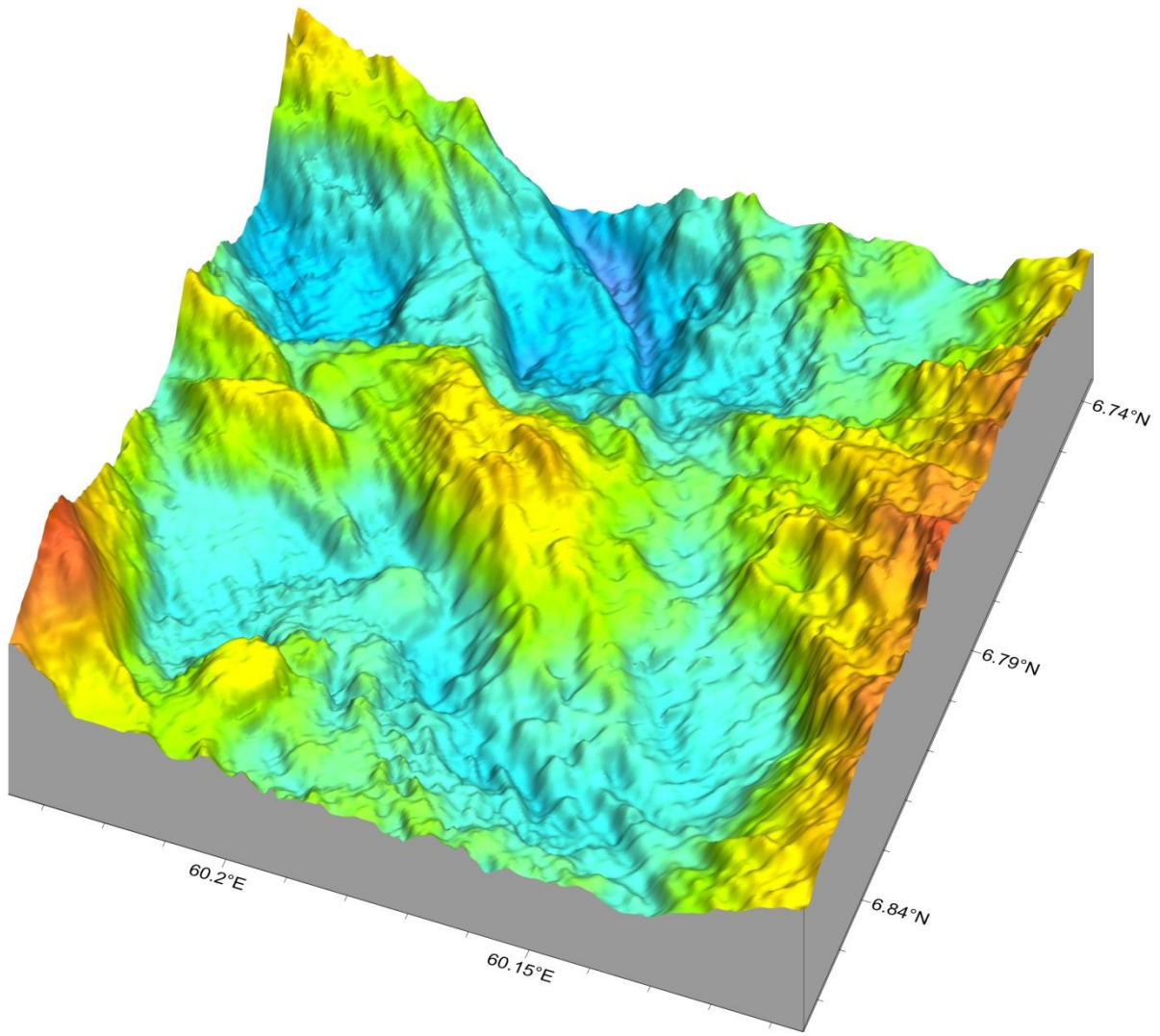


Fig. 4 3-D topography map of Daxi Ridge

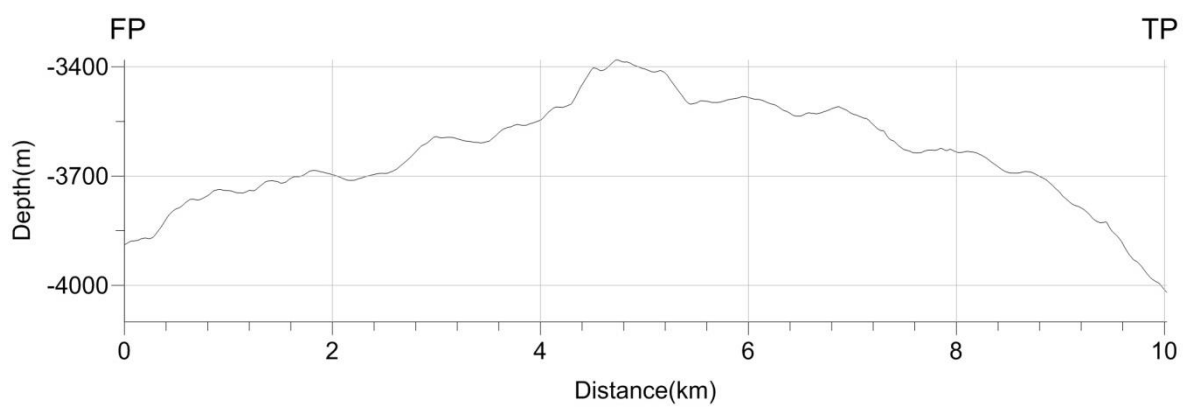
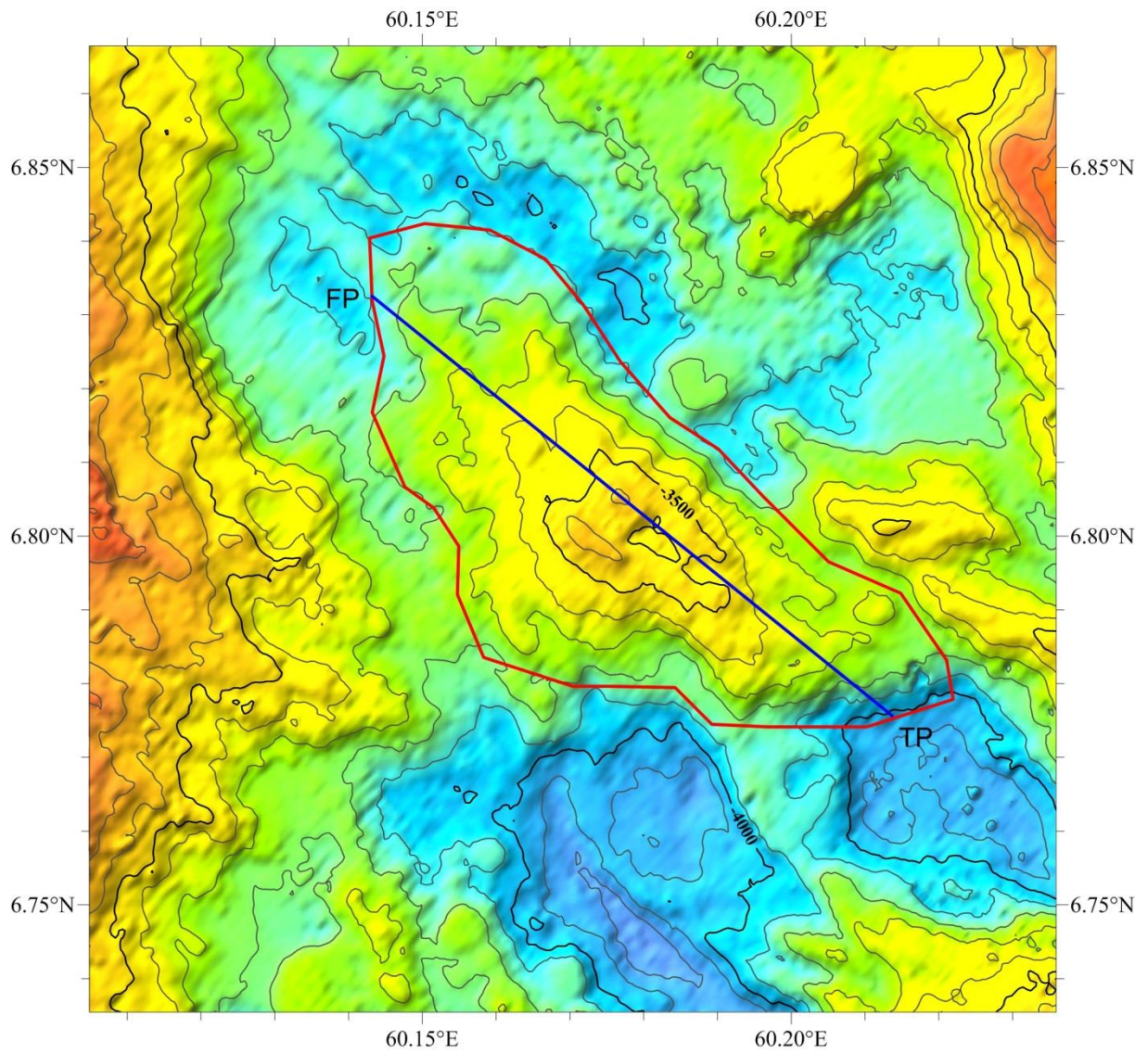


Fig. 5 profile map of Daxi Ridge