

UNDERSEA FEATURE NAME PROPOSAL
(Sea NOTE overleaf)

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

Name Proposed:	Chongya Ridge	Ocean or Sea:	Indian Ocean
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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:	38°24.8'S (top)	048°23.8'E (top)
	38°43.6'S (bottom)	048°11.2'E (bottom)
	38°41.9'S	048°09.5'E
	38°37.3'S	048°11.5'E
	38°33.1'S	048°15.9'E
	38°26.6'S	048°16.3'E
	38°19.5'S	048°20.2'E
	38°08.6'S	048°30.8'E
	38°09.4'S	048°38.6'E
	38°13.5'S	048°42.7'E
	38°20.2'S	048°32.8'E
	38°29.7'S	048°30.7'E
	38°38.7'S	048°25.5'E
38°43.6'S	048°11.2'E	

Feature Description:	Maximum Depth:	2500m	Steepness :	
	Minimum Depth :	900m	Shape :	
	Total Relief :	1600m	Dimension/Size :	61km×15km

Associated Features:	This ridge is located in the central rift of the Southwest Indian Ocean Ridge. It takes the shape of a long strip with a northwest strike and shows a depth difference of about 1600m.
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.09
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Chongya comes from a poem named Chen Gong Zhi Shi in SHI JING •Zhou Song (Shi Jing is a collection of ancient Chinese poems). It's a protruding wood tooth on which musical instruments are hanged.
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Discovery Facts:	Discovery Date:	Mar. 2010
	Discoverer (Individual, Ship):	R/V Dayang Yihao

Supporting Survey Data, including Track Controls:	Date of Survey:	Mar. 2010
	Survey Ship:	R/V Dayang Yihao
	Sounding Equipment:	Multi-beam Sounding System (EM120)
	Type of Navigation:	StarFire-2050M WAD DGPS
	Estimated Horizontal Accuracy (nm):	≤0.0054nm
	Survey Track Spacing:	6nm
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	China Ocean Mineral Resources R&D Association(COMRA)
	Date:	10 Sept. 2015
	E-mail:	comra@comra.org
	Organization and Address:	State Oceanic Administration, China No.1 Fuxingmenwai Ave. Beijing
	Concurrer (name, e-mail, organization and address):	

Remarks:	The proposal has been reviewed and approved by Sub-Committee on Undersea Feature Names of China Committee on Geographical Names (CCUFN) No.1 Fuxingmenwai Ave. Beijing 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 Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
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Attachment

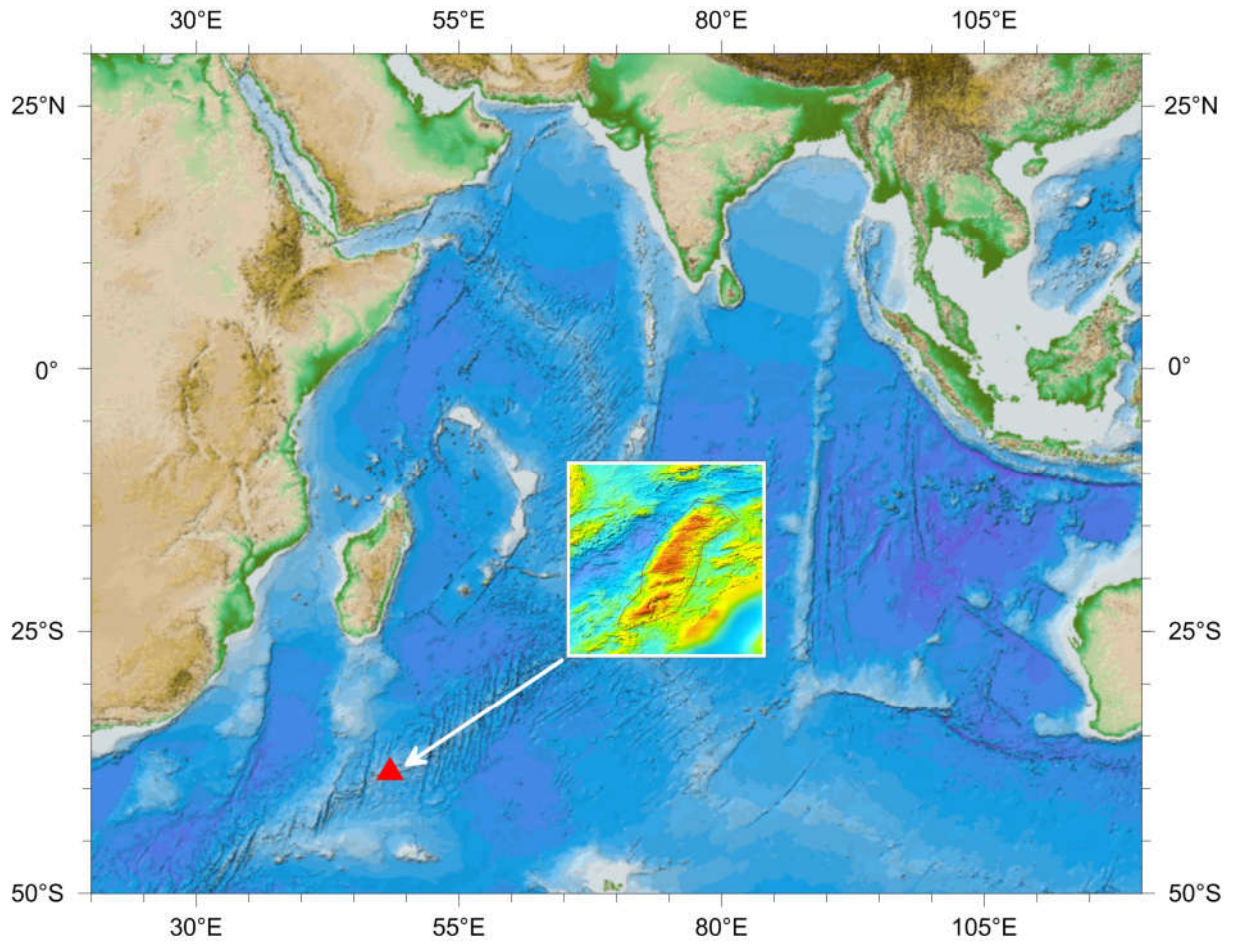


Fig1. Index map showing the location of the Chongya Ridge

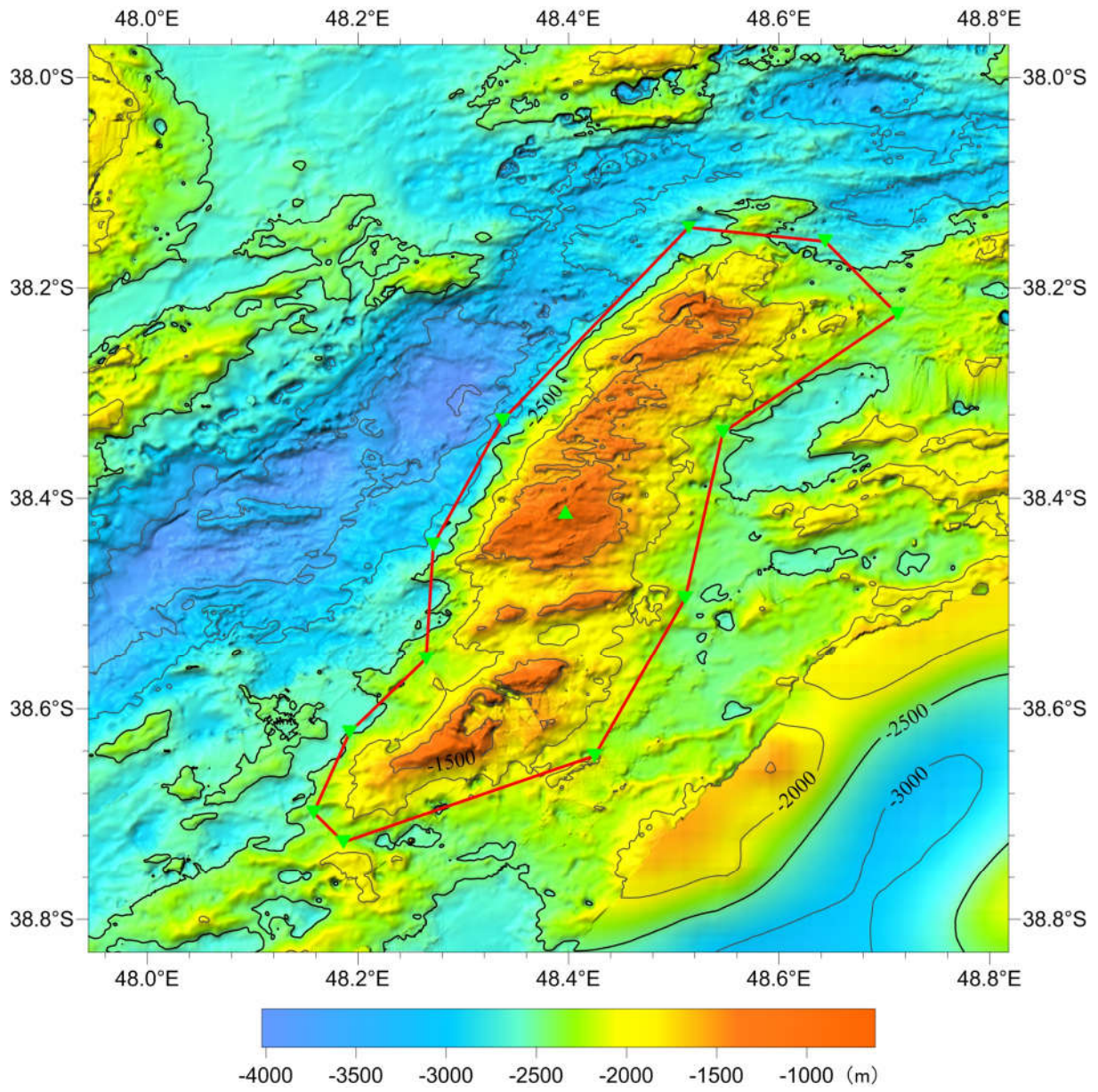


Fig2. Bathymetric map of the Chongya Ridge

(Contours are in 500 m)

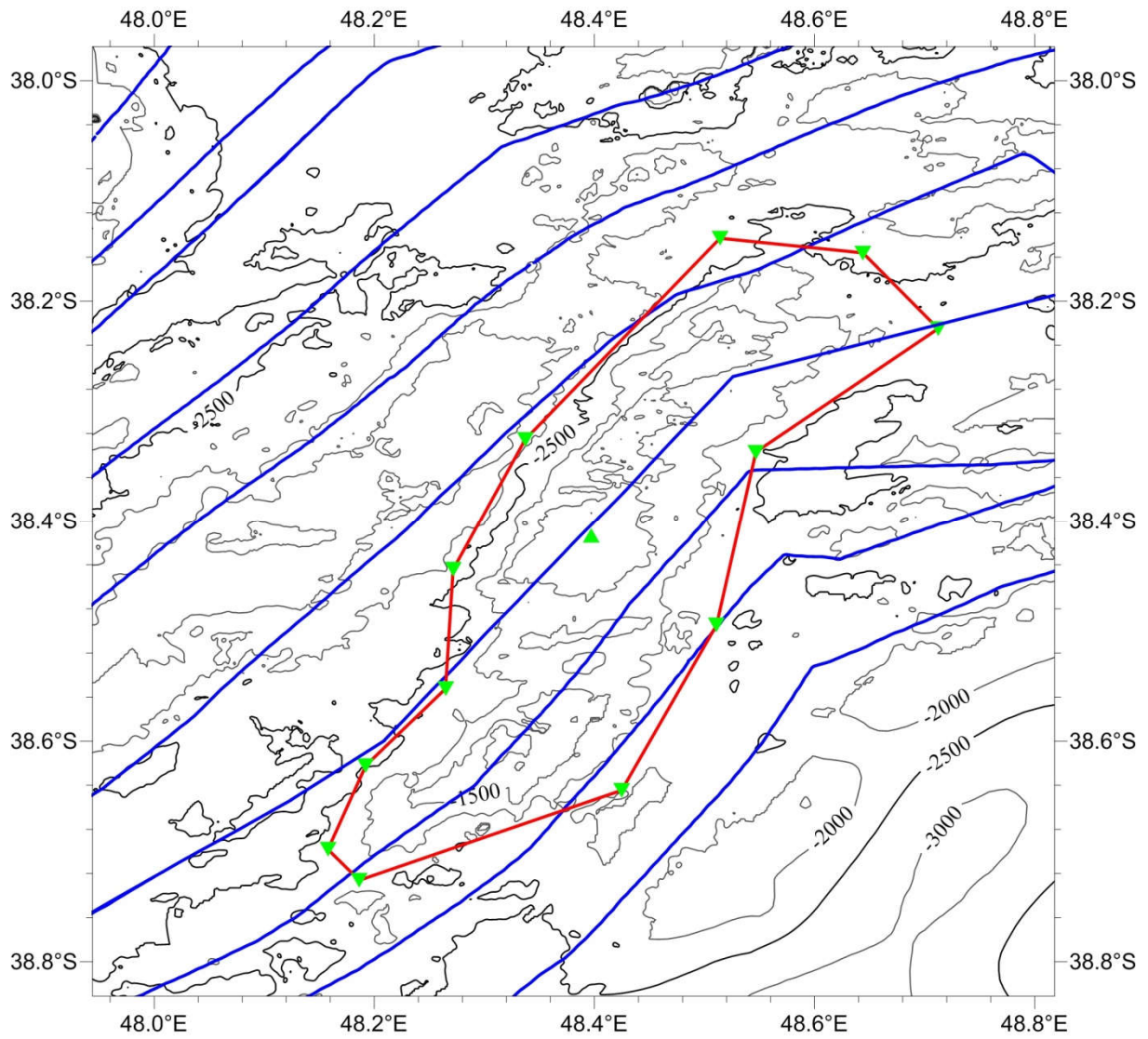
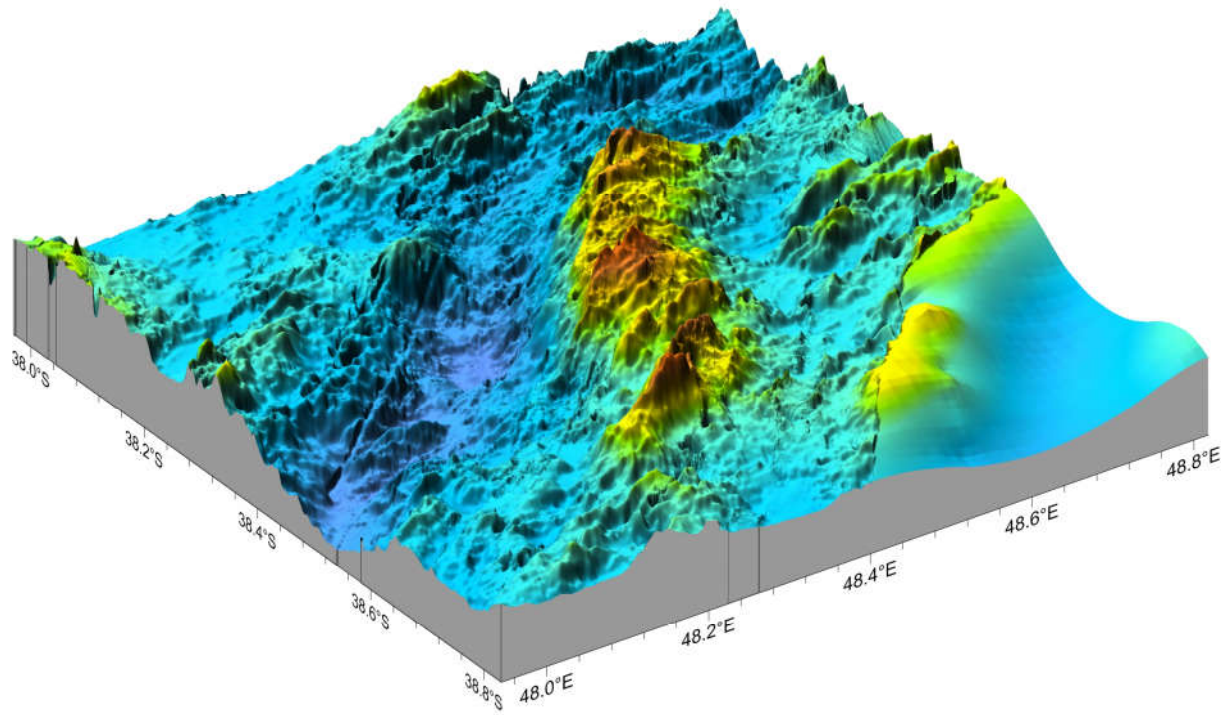



Fig.3 Bathymetric map of the Chongya Ridge, showing track lines

(Contours are in 500 m, blue lines are survey lines)




-4000 -3500 -3000 -2500 -2000 -1500 -1000 (m)
Fig 4. 3-D topograhpy map of Chongya Ridge

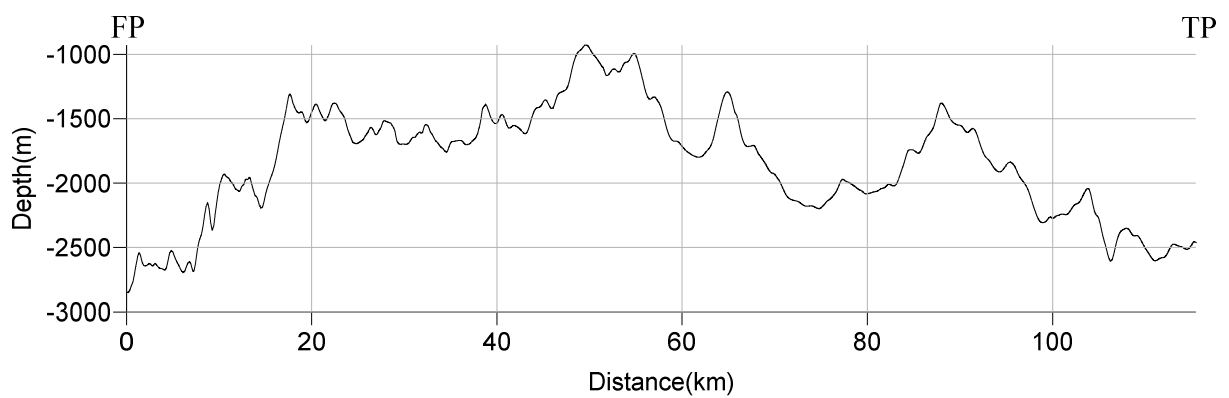
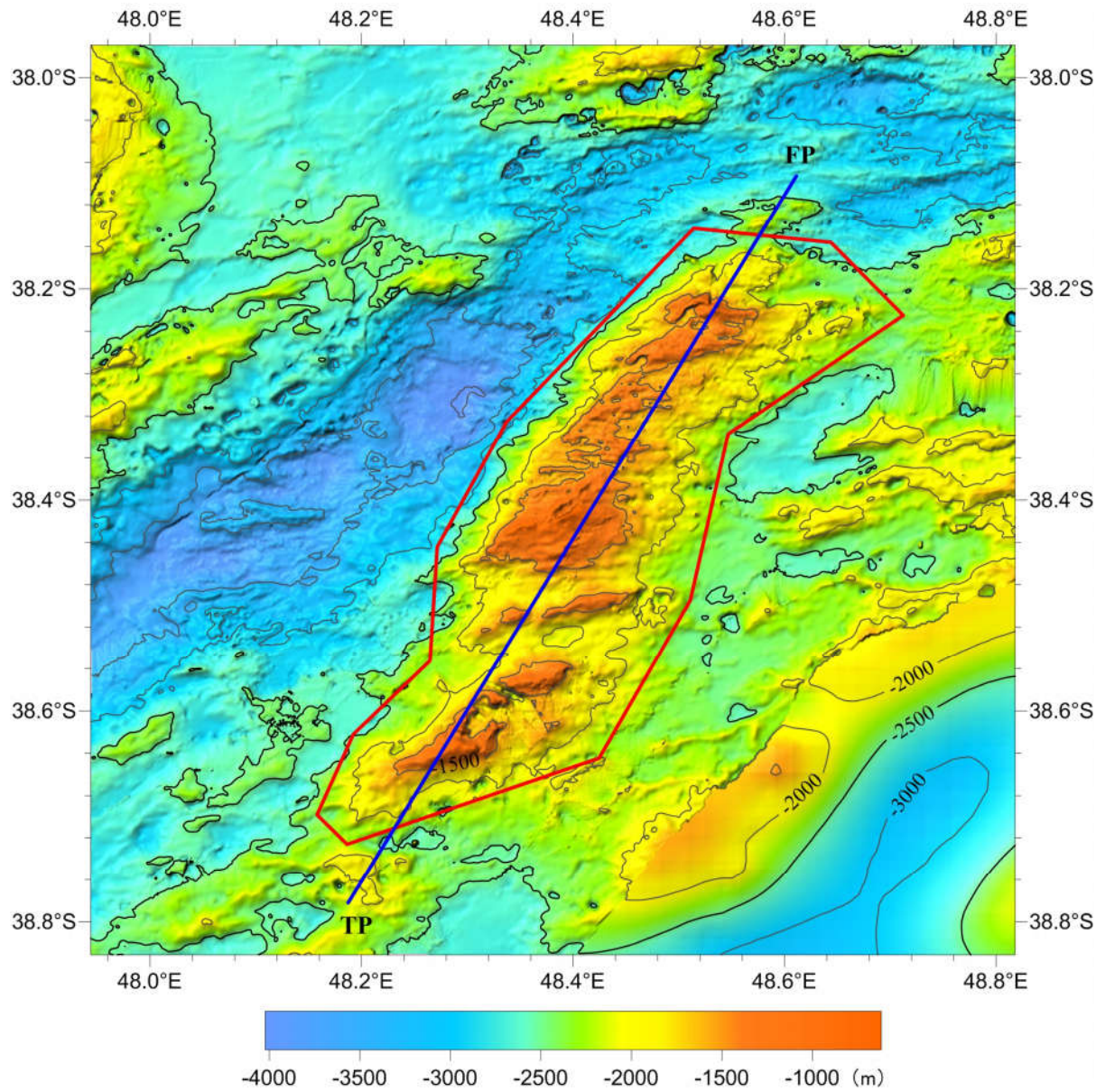


Fig.5 Bathymetric map and profile of the Chongya Ridge