

**UNDERSEA FEATURE NAME PROPOSAL**  
(Sea NOTE overleaf)

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

<b>Name Proposed:</b>	Zhengtingfang Seamounts	<b>Ocean or Sea:</b>	Eastern Pacific Ocean
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<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>	09°07.4'N (top)	154°20.3'W (top)
	09°06.5'N (top)	154°13.7'W (top)
	09°00.8'N (top)	154°23.5'W (top)
	08°58.8'N (top)	154°20.3'W (top)
	08°51.4'N (top)	154°14.2'W (top)
	09°00.5'N (top)	154°04.1'W (top)
	08°47.2'N (bottom)	154°14.0'W (bottom)
	08°48.0'N	154°16.4'W
	08°52.8'N	154°16.7'W
	08°51.0'N	154°22.2'W
	09°01.7'N	154°31.1'W
	09°04.1'N	154°28.4'W
	09°04.7'N	154°26.1'W
	09°02.5'N	154°18.8'W
	09°01.7'N	154°17.3'W
	09°02.9'N	154°17.1'W
	09°03.9'N	154°19.4'W
	09°05.8'N	154°19.9'W
	09°06.0'N	154°21.3'W
	09°07.6'N	154°22.8'W
	09°09.6'N	154°22.1'W
	09°11.6'N	154°22.3'W
	09°11.7'N	154°14.9'W
	09°10.7'N	154°12.8'W
	09°08.9'N	154°13.1'W
	09°08.4'N	154°11.7'W
	09°09.1'N	154°08.8'W
	09°12.3'N	154°08.3'W
	09°16.1'N	153°58.2'W
	09°15.4'N	153°55.6'W
	09°14.0'N	153°55.6'W
	09°13.0'N	153°56.2'W
09°09.4'N	153°56.8'W	
09°00.5'N	153°57.7'W	
08°53.2'N	153°59.9'W	
08°50.9'N	154°06.7'W	
08°56.8'N	154°06.4'W	
08°57.5'N	154°07.5'W	
08°56.8'N	154°09.8'W	

	08°48.1'N	154°12.2'W
	08°47.2'N	154°14.0'W

<b>Feature Description:</b>	Maximum Depth:	5350 m	Steepness :	
	Minimum Depth :	3960 m	Shape :	
	Total Relief :	1390 m	Dimension/Size :	70km×47km

<b>Associated Features:</b>	The Zhengtingfang Seamounts are located at 100km south of the Weiyuan Seamount, 30km west of Jingfu Knoll. The overlooked plane shape of this cluster is irregular. The peak is located in the center of the cluster where the water depth is 3960m.
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<b>Chart/Map References:</b>	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.07
	Within Area of Map/Chart:	

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	Zhengtingfang (AD 1857-1920), from Hainan of China, had been sailing and fishing with his father since he was a kid. Then he had been to the Xisha and Nansha Islands, Southeast Asia, and even the places far as Africa, Europe as the captain when he grew up. Because of his long-term sailing career, he mastered great sailing skills, including skills of marine climate forecast. This cluster is named as Zhengtingfang to commemorate his great contribution in the Chinese sailing history.
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<b>Discovery Facts:</b>	Discovery Date:	Sept. 1995
	Discoverer (Individual, Ship):	R/V Dayang Yihao

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	Sept. 1995
	Survey Ship:	R/V Dayang Yihao
	Sounding Equipment:	Seabeam2112.360
	Type of Navigation:	Sercel NR51 DGPS
	Estimated Horizontal Accuracy (nm):	≤0.08nm
	Survey Track Spacing:	5nm
Supporting material can be submitted as Annex in analog or digital form.		

<b>Proposer(s):</b>	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

**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](mailto: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](mailto:info@unesco.org)

# Attachment

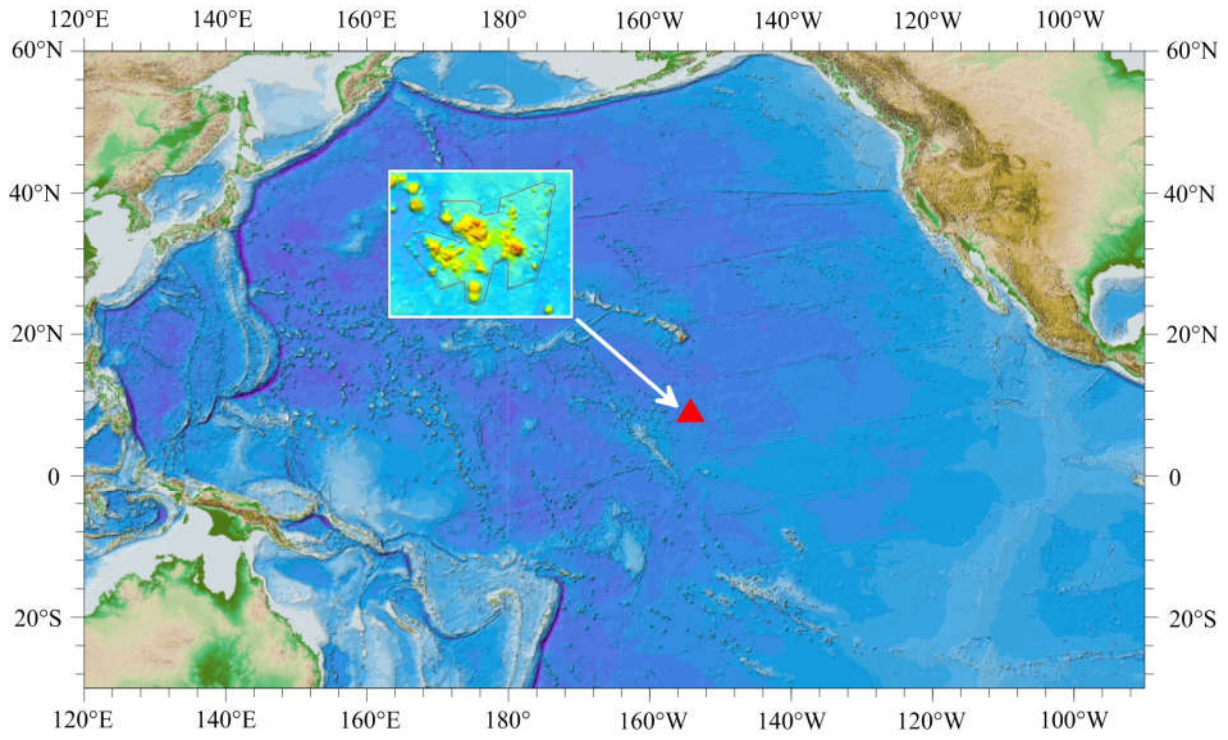


Fig1. Index map showing the location of the Zhengtingfang Seamounts

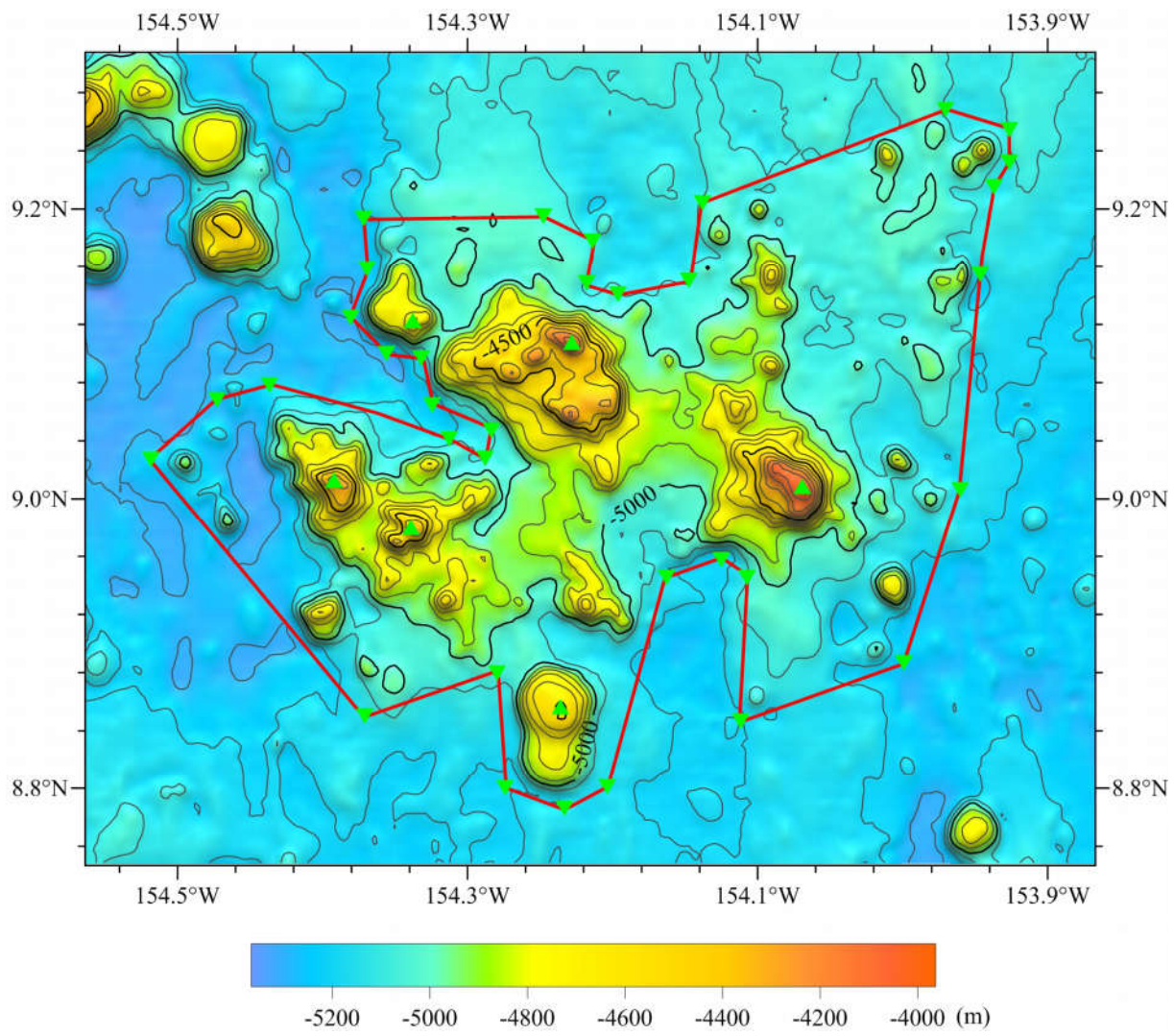


Fig2. Bathymetric map of the Zhengtingfang Seamounts

(Contours are in 100 m)



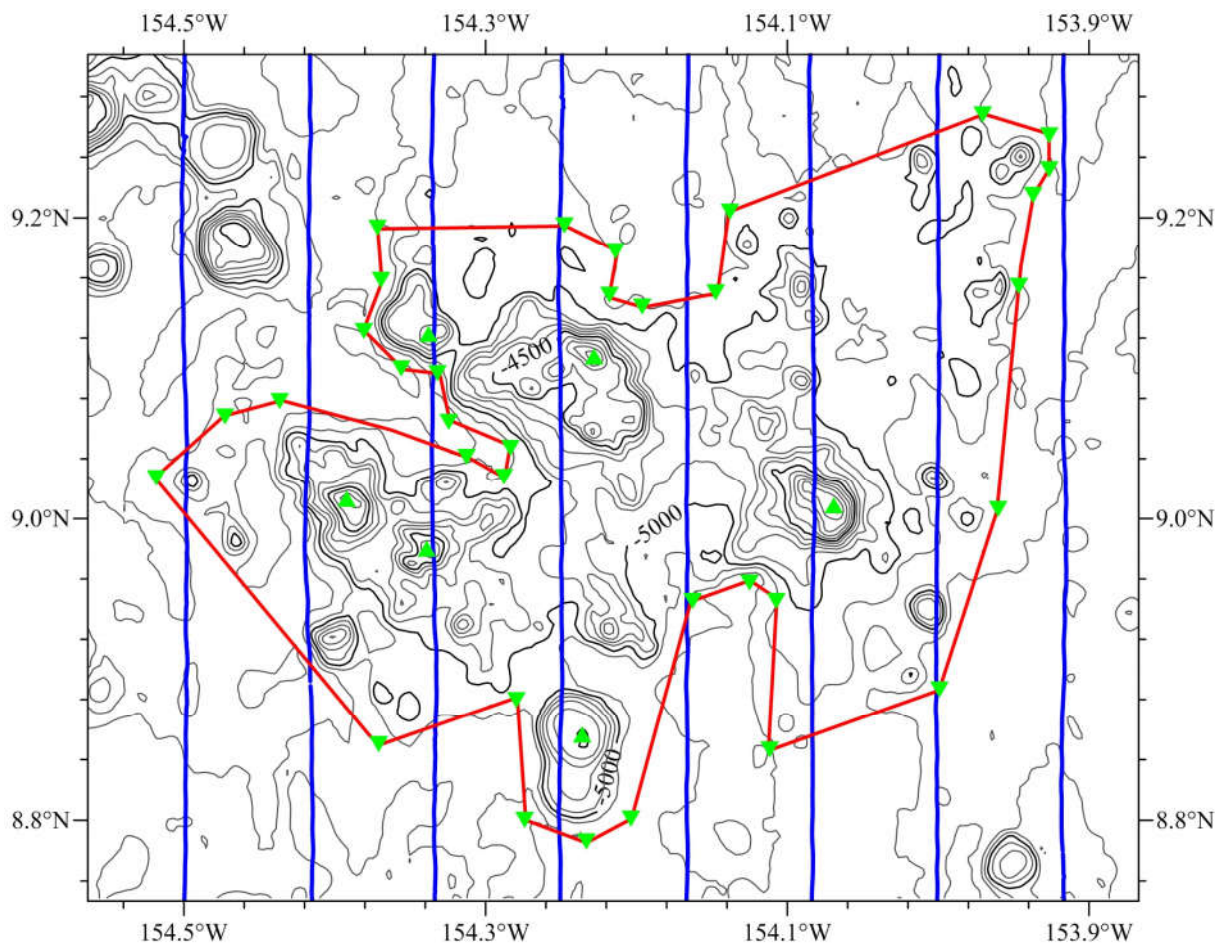


Fig.3 Bathymetric map of the Zhengtingfang Seamounts, showing track lines

(Contours are in 100 m, blue lines are survey lines)

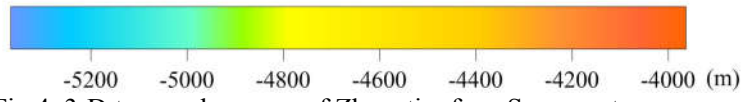
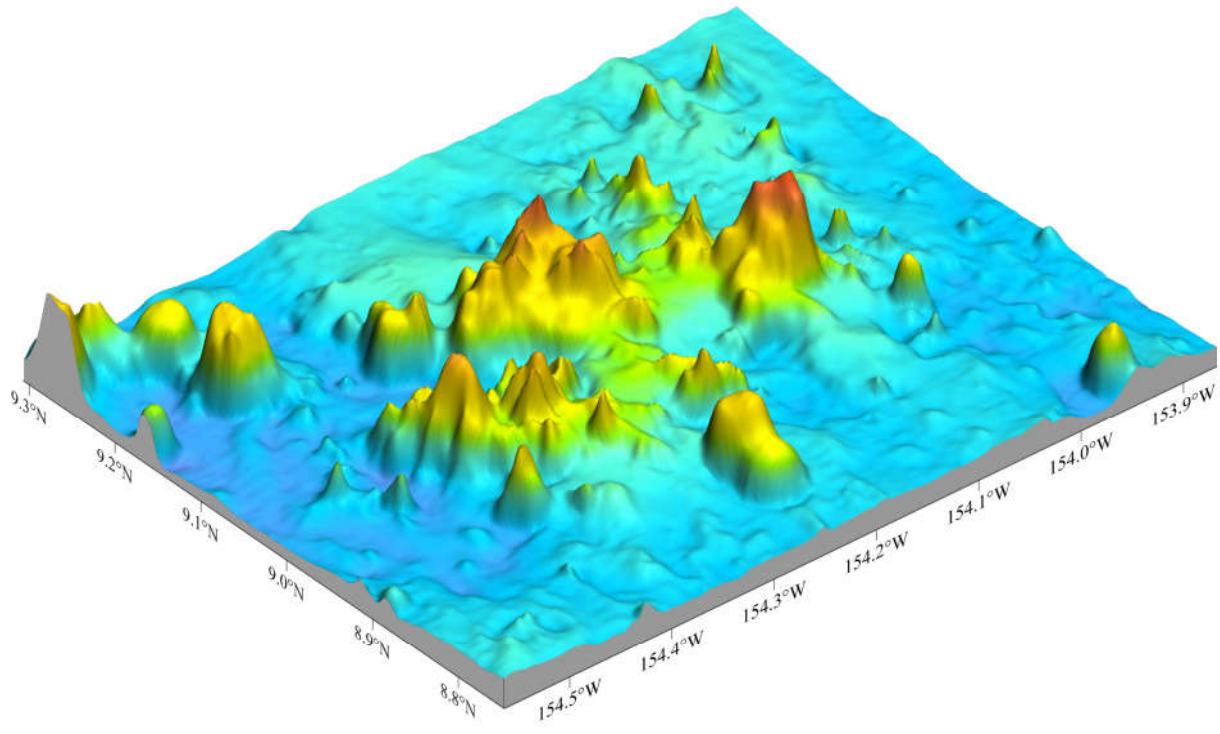


Fig 4. 3-D topography map of Zhengtingfang Seamounts

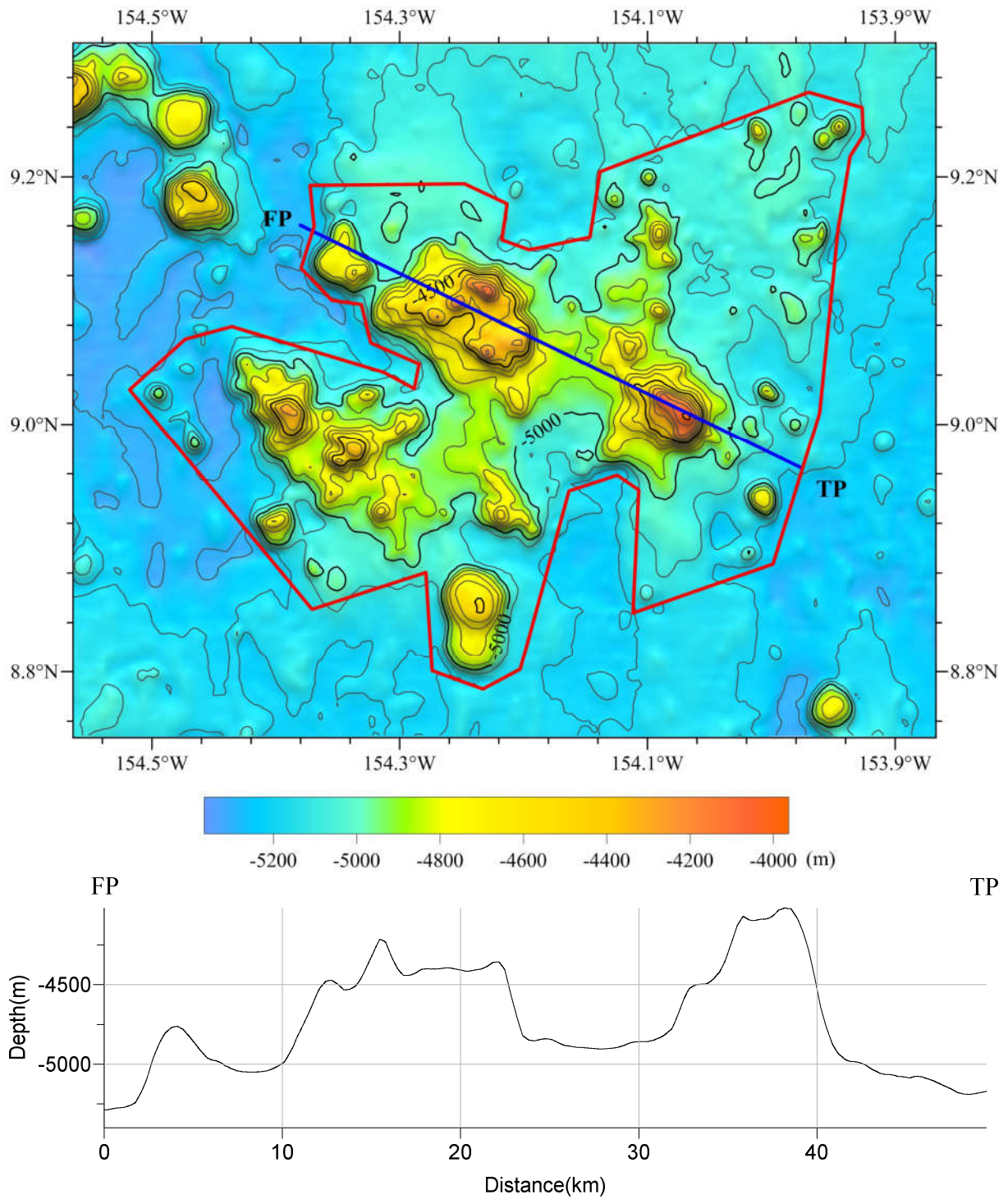


Fig.5 Bathymetric map and profile of Zhengtingfang Seamounts