

**UNDERSEA FEATURE NAME PROPOSAL**

(See NOTE overleaf)

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

<b>Name Proposed:</b>	Zhongnan Seamount	<b>Ocean or Sea:</b>	the South China Sea
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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>	13°58.0'N (summit)	115°25.7'E (summit)
	13°48.4'N (bottom)	115°23.1'E (bottom)
	13°49.9'N	115°15.3'E
	13°55.7'N	115°14.4'E
	13°59.8'N	115°12.5'E
	14°05.0'N	115°11.5'E
	14°08.6'N	115°12.1'E
	14°10.6'N	115°15.0'E
	14°14.5'N	115°18.2'E
	14°13.2'N	115°22.6'E
	14°13.5'N	115°27.7'E
	14°11.3'N	115°31.8'E
	14°06.5'N	115°32.8'E
	14°05.0'N	115°38.2'E
	14°00.8'N	115°39.5'E
	13°59.6'N	115°37.7'E
	13°51.6'N	115°32.8'E
13°49.9'N	115°34.8'E	
13°45.5'N	115°31.8'E	
13°48.4'N	115°23.1'E	

<b>Feature Description:</b>	Maximum Depth:	4355m	Steepness :	10°-12°
	Minimum Depth :	288m	Shape :	Conical shape
	Total Relief :	4067m	Dimension/Size :	50km × 45km

<b>Associated Features:</b>	This seamount lies in the middle of the South China Sea Basin. The shape of this seamount is conical.
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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):	Zhongnan Seamount has been named and used since 1986. In 2004, China carried out multi-beam measurement for this seamount again.
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<b>Discovery Facts:</b>	Discovery Date:	1980-1982
	Discoverer (Individual, Ship):	R/V Haiyang Erhao

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	1980-1982, Mar-May 2004
	Survey Ship:	R/V Haiyang Sihao
	Sounding Equipment:	Multi-beam sounding system (Seabeam2112)
	Type of Navigation:	DGPS
	Estimated Horizontal Accuracy (nm):	<=0.08 nm
	Survey Track Spacing:	5nm
	Supporting material can be submitted as Annex in analog or digital form.	

<b>Proposer(s):</b>	Name(s):	Zhu Benduo, Huang Wenxing
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<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 heyunxu@sina.com
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Attachment

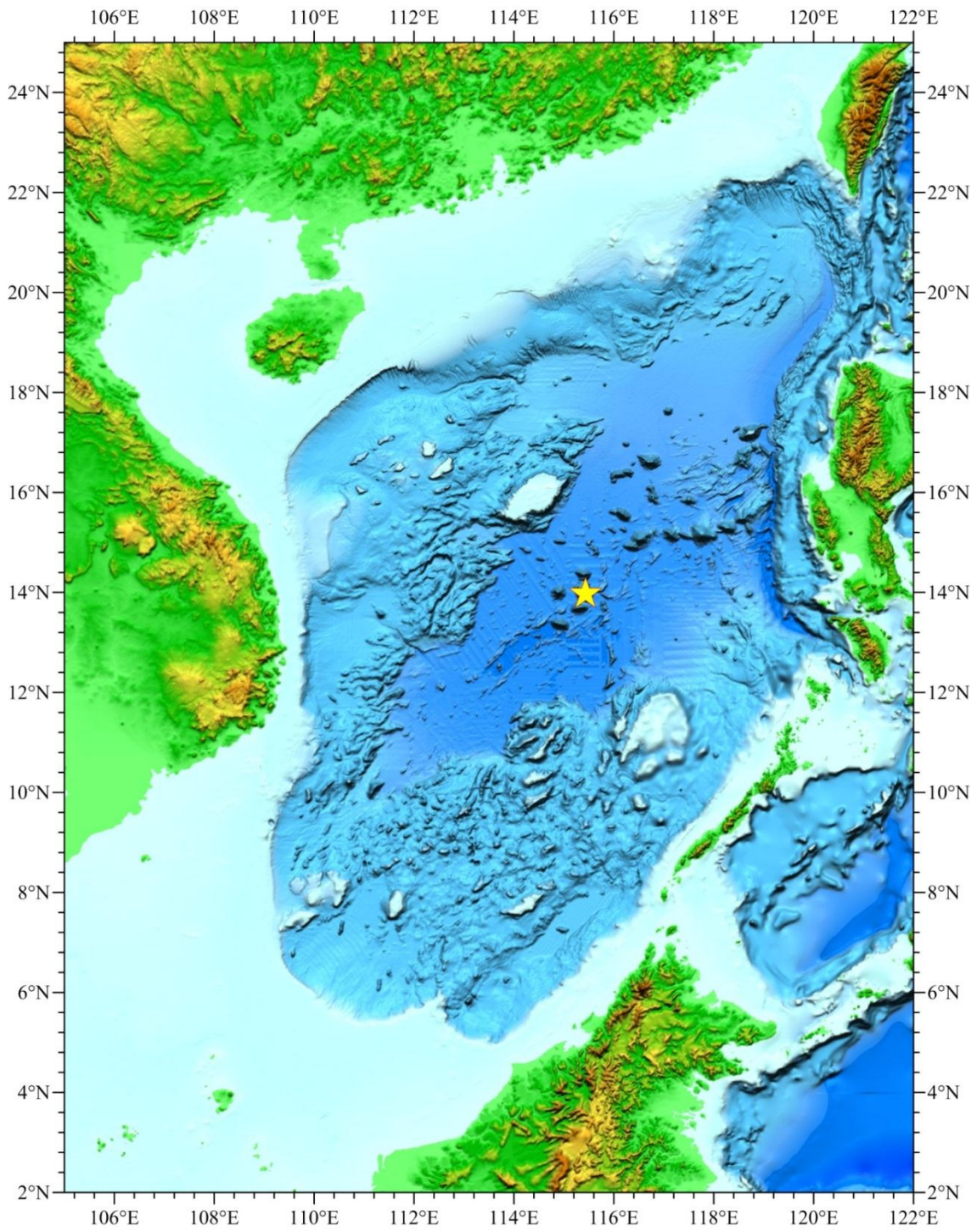


Fig.1 Index map showing the location of Zhongnan Seamount

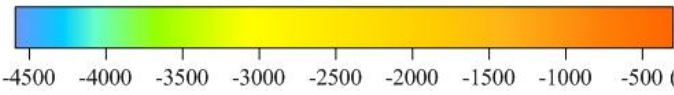
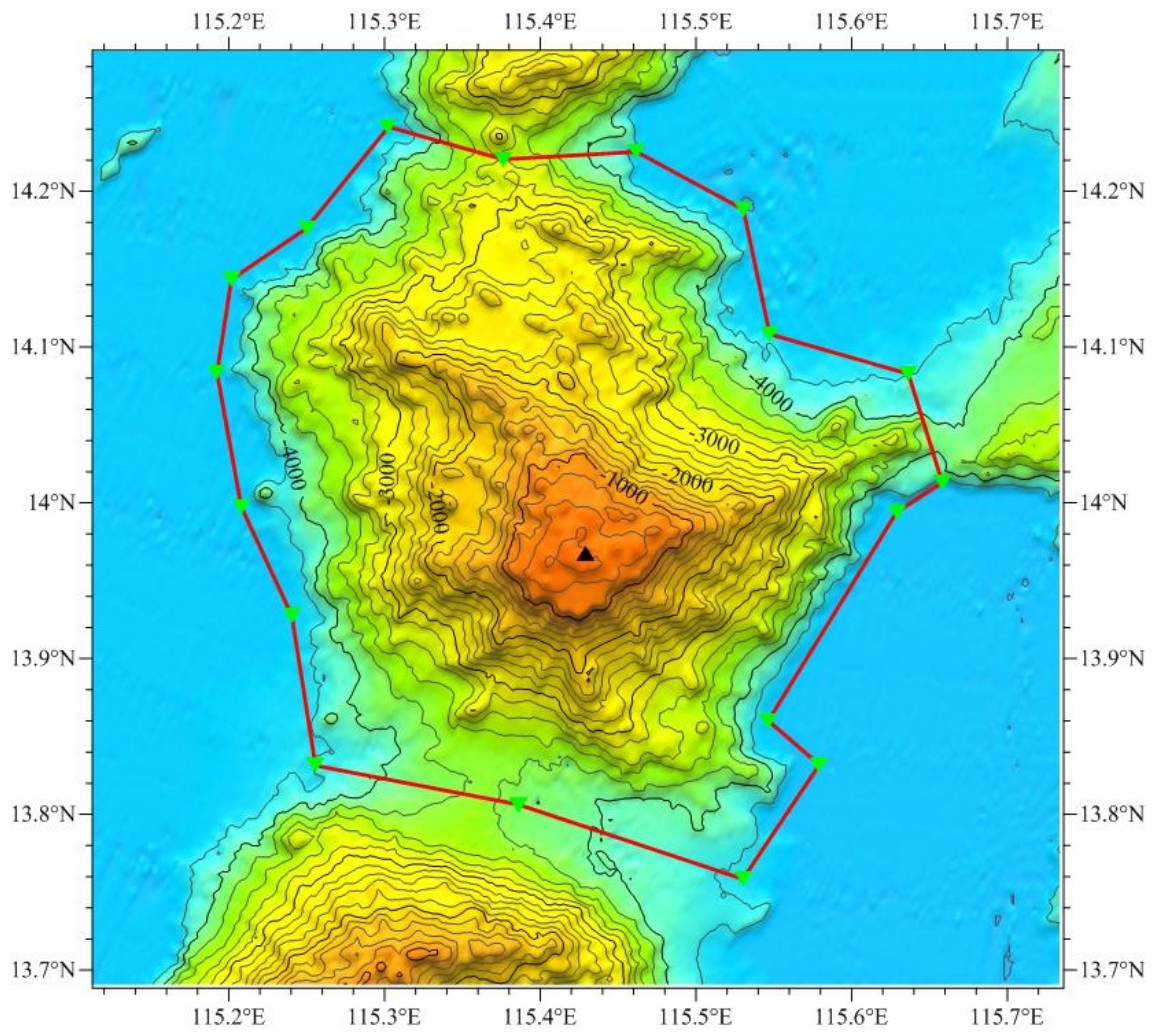


Fig.2 Bathymetric map of Zhongnan Seamount (Contours are in 200 m)

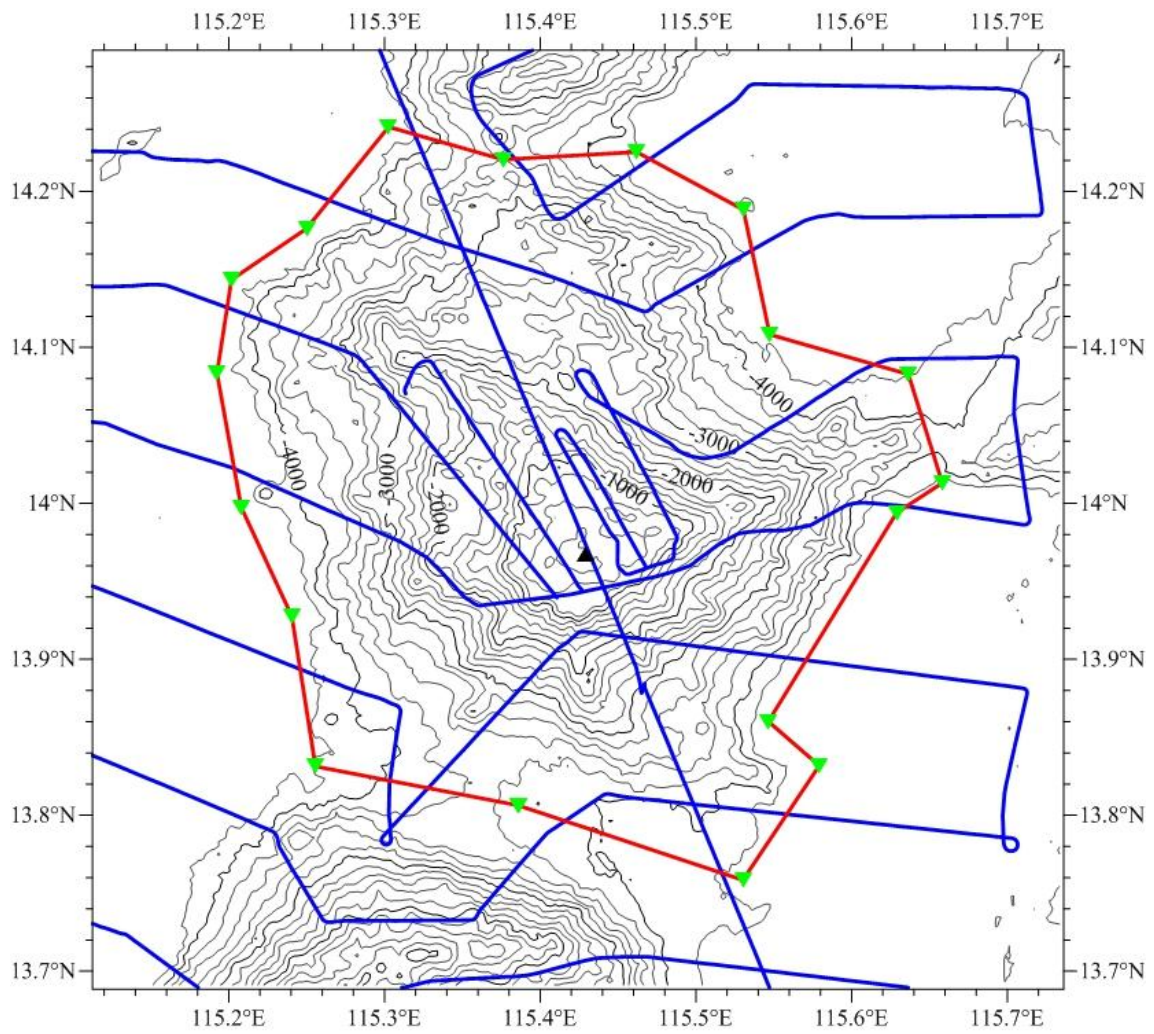


Fig.3 Bathymetric map of Zhongnan Seamount overlain with track lines  
(Contours are in 200 m, blue lines for the track lines)

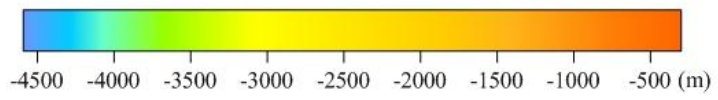
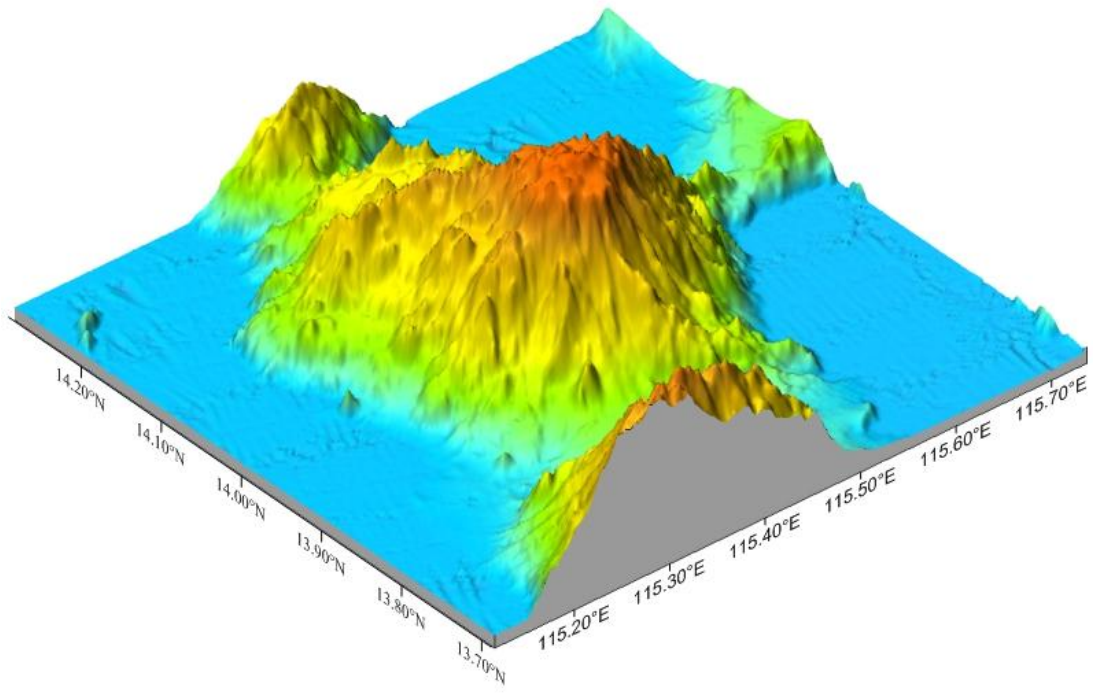


Fig.4 3-D bathymetric map of Zhongnan Seamount

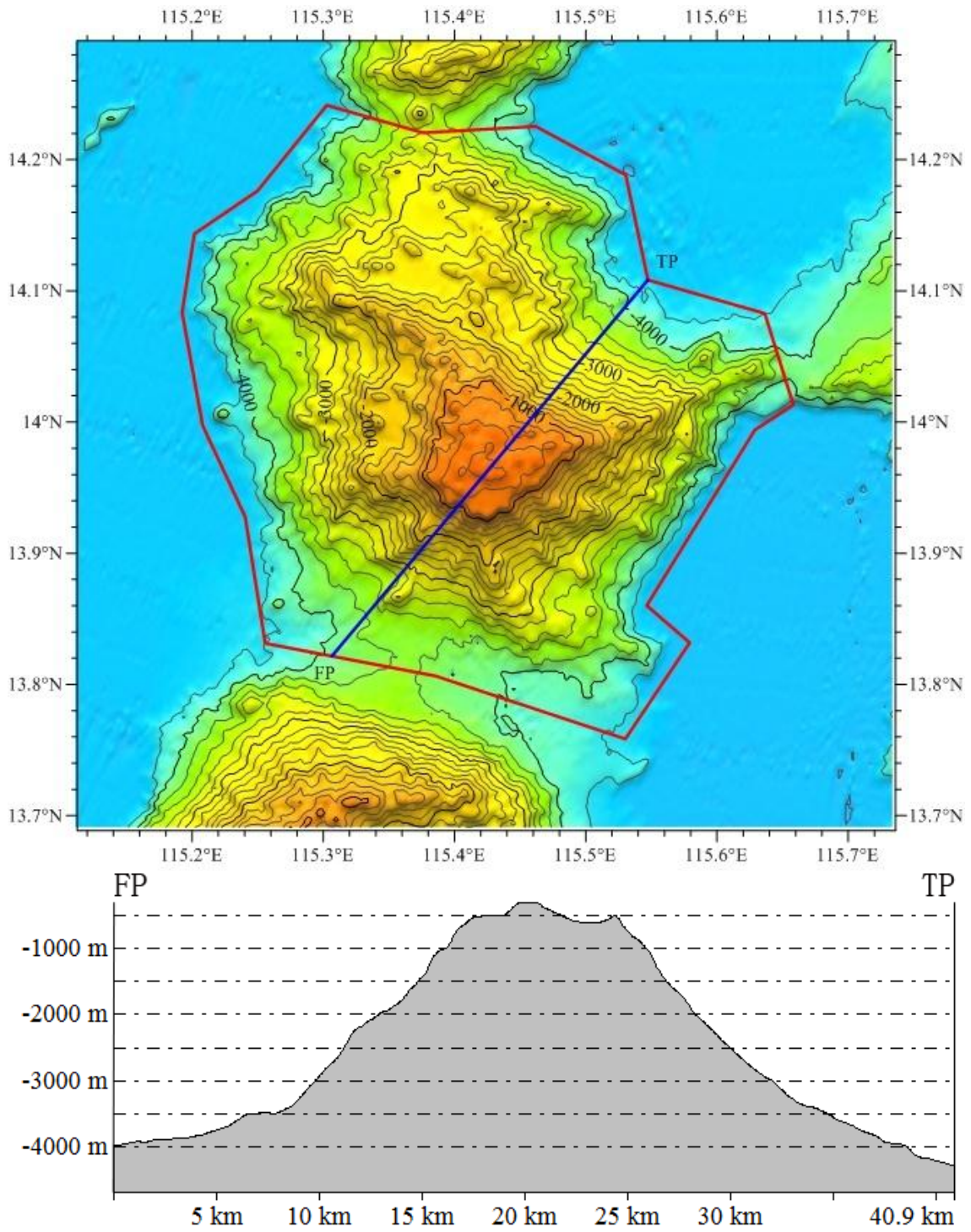


Fig.5 Profile map of Zhongnan Seamount