

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

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

Name Proposed:	Wangzhen Seamount	Ocean or Sea:	South China Sea (SCS)
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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:	18°09.5'N (summit)	115°49.5'E (summit)
	18°12.8'N (bottom)	115°49.1'E (bottom)
	18°12.7'N	115°49.5'E
	18°11.0'N	115°50.0'E
	18°11.0'N	115°50.6'E
	18°09.7'N	115°51.4'E
	18°08.6'N	115°51.2'E
	18°07.6'N	115°50.2'E
	18°07.4'N	115°48.7'E
	18°07.8'N	115°47.8'E
	18°08.7'N	115°47.6'E
	18°09.3'N	115°47.0'E
	18°11.0'N	115°48.2'E
	18°12.3'N	115°48.5'E
	18°12.8'N	115°49.1'E

Feature Description:	Maximum Depth:	3819m	Steepness :	15 °-22 °
	Minimum Depth :	2612m	Shape :	
	Total Relief :	1207m	Dimension/Size :	10km ×8km

Associated Features:	Wangzhen Seamount lies in the Northern SCS Slope. The shape of the seamount is conic.
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Chart/Map References:	Shown Named on Map/Chart:	Atlas of Geology and Geophysics of the South China Sea (1 : 2 000 000) ,published in 2015
	Shown Unnamed on Map/Chart:	GEBCO 5.06
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Wangzhen Seamount is named after Wang Zhen (AD 1271-1368), a scientist of Yuan Dynasty in China. Wang Zhen wrote a book named "Wang Zhen Agriculture" in which agricultural production technologies such as crop planting and livestock breeding were summed up and improved. Wang Zhen also vigorously promoted application of the technologies to make productions better. This seamount is named after Wang Zhen, in memory of his great contribution to the development of ancient Chinese agriculture.
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Discovery Facts:	Discovery Date:	2008
	Discoverer (Individual, Ship):	R/V Haiyang Sihao

Supporting Survey Data, including Track Controls:	Date of Survey:	Apr.-Jul., 2008
	Survey Ship:	R/V Haiyang Sihao
	Sounding Equipment:	Multi-beam sounding system (Seabeam 2112)
	Type of Navigation:	DGPS
	Estimated Horizontal Accuracy, in nautical miles (M):	<=0.08 nm
	Survey Track Spacing:	5nm
Supporting material can be submitted as Annex in analog or digital form.		

Proposer(s):	Name(s):	Zhu Benduo, Zhang Huodai
	Date:	Aug. 1st, 2017
	E-mail:	Zhubenduo@163.com
	Organization and Address:	Guangzhou Marine Geological Survey, China Geological Survey. No.188 Guanghai Rd., Huangpu District, Guangzhou, China.
	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 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) 4b, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@iho.int Web: www.iho.int	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org Web: http://ioc-unesco.org/
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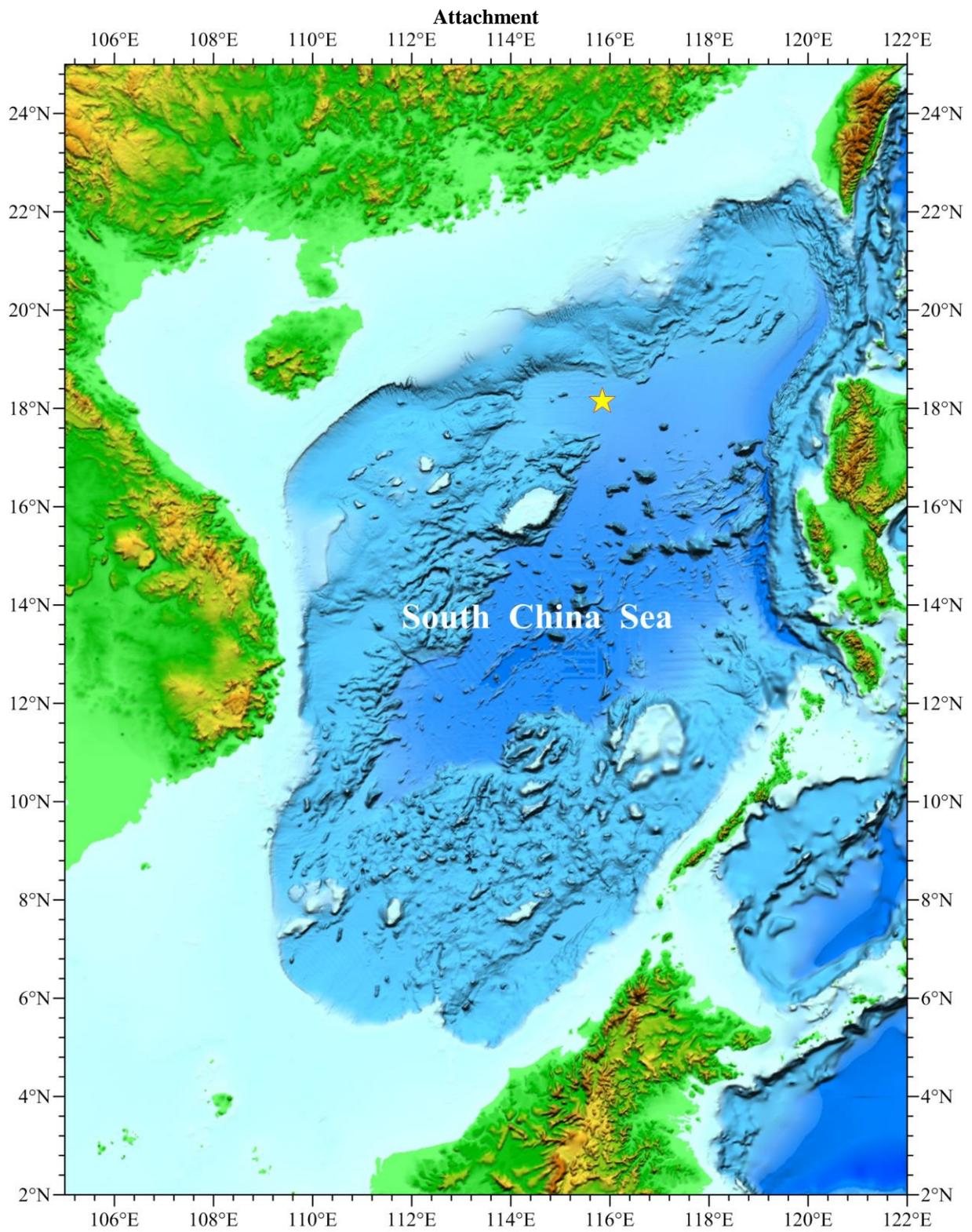


Fig.1 Index map showing the location of Wangzhen Seamount

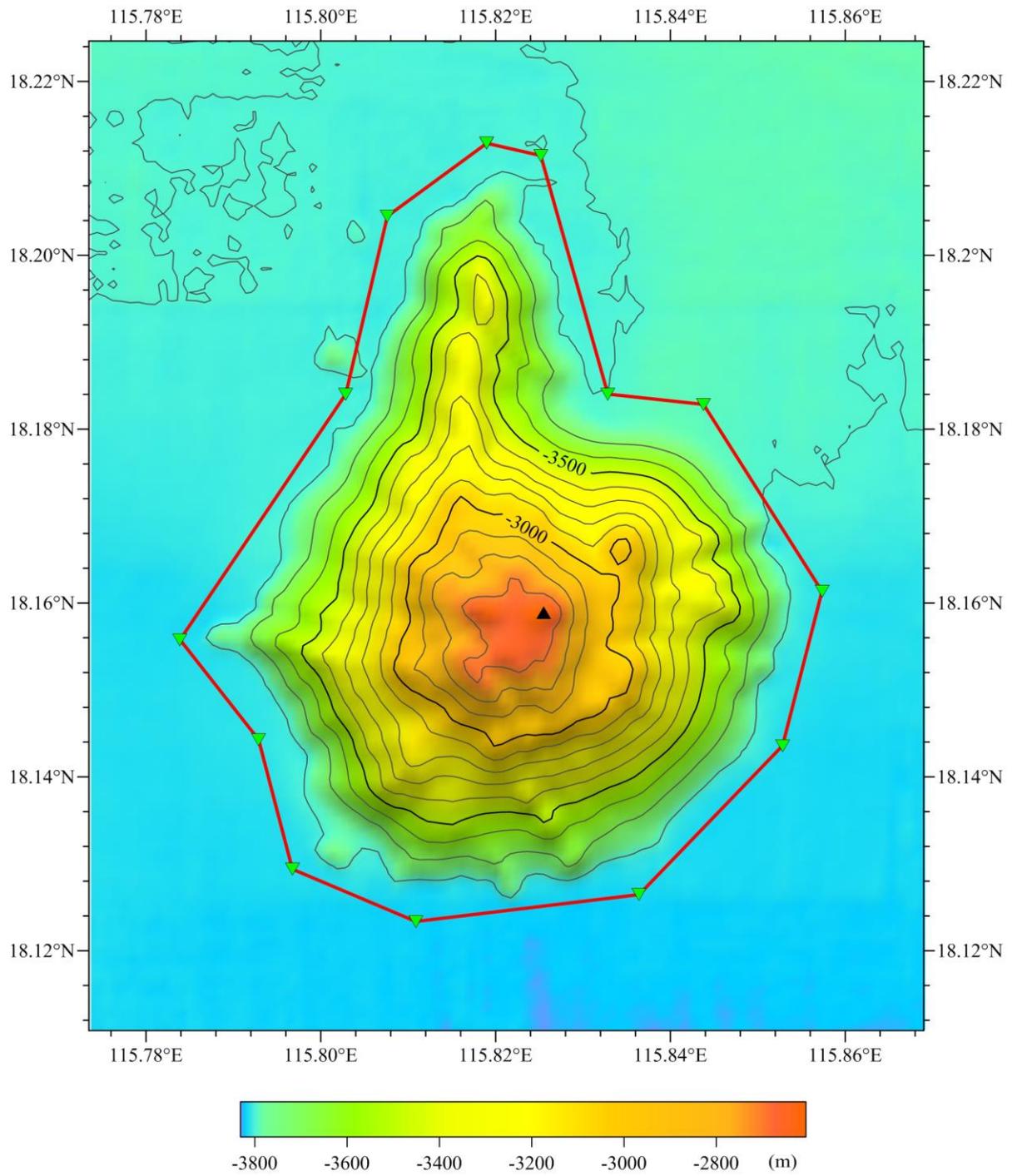


Fig.2 Bathymetric map of Wangzhen Seamount(Contours are in 100m)

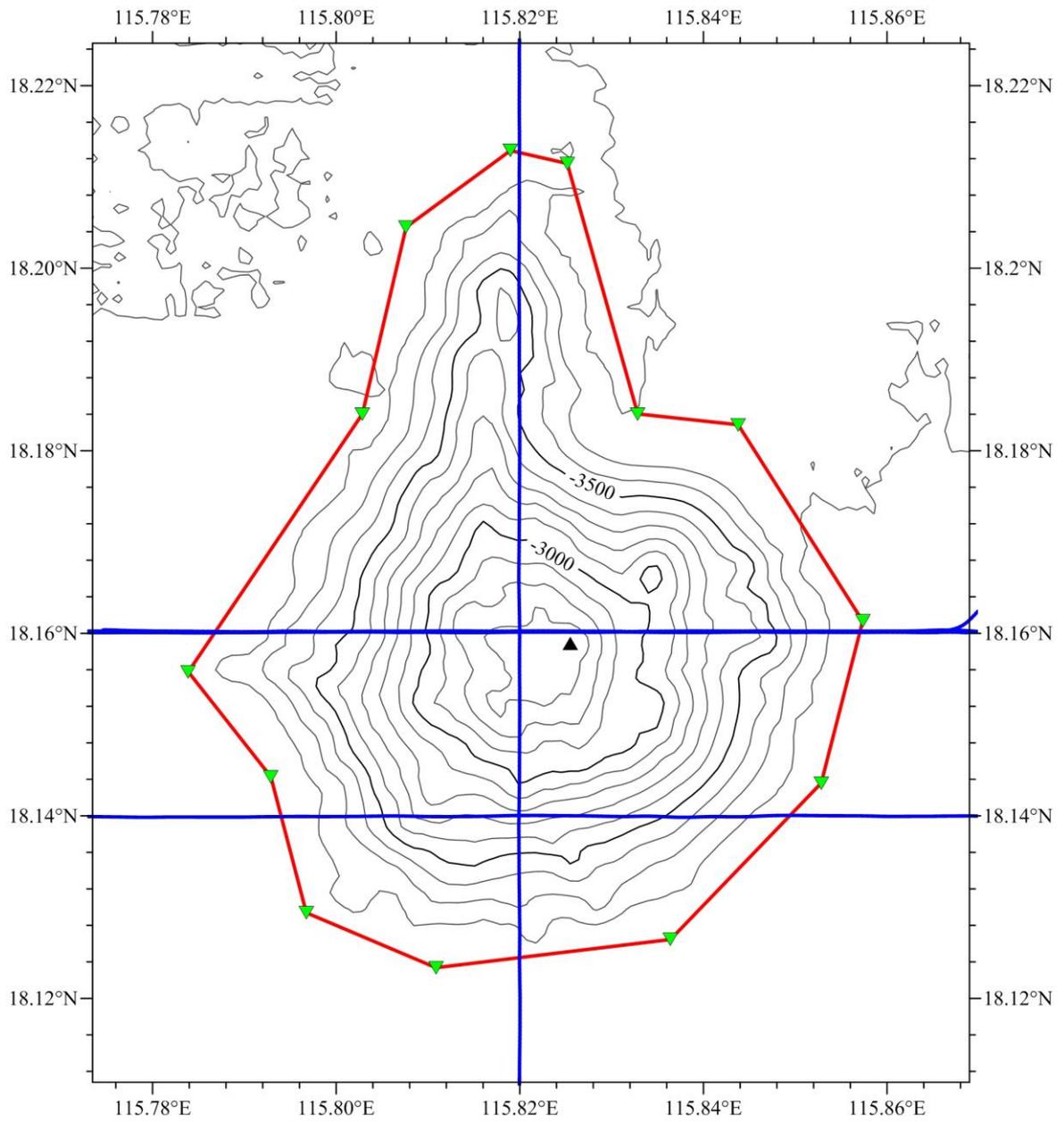


Fig.3 Bathymetric map of Wangzhen Seamount overlain with track lines(Contours are in 100m,blue lines for the track lines)

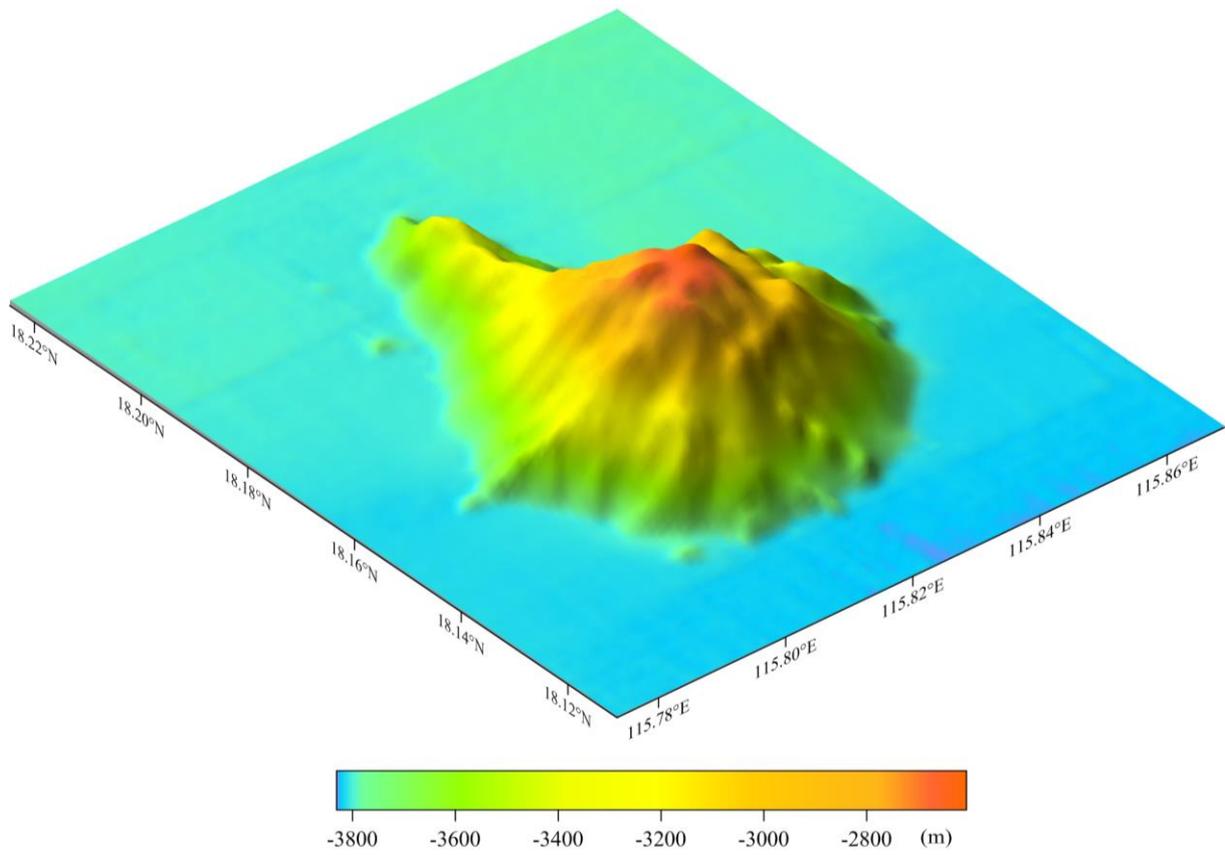


Fig.4 3-D Bathymetric map of Wangzhen Seamount

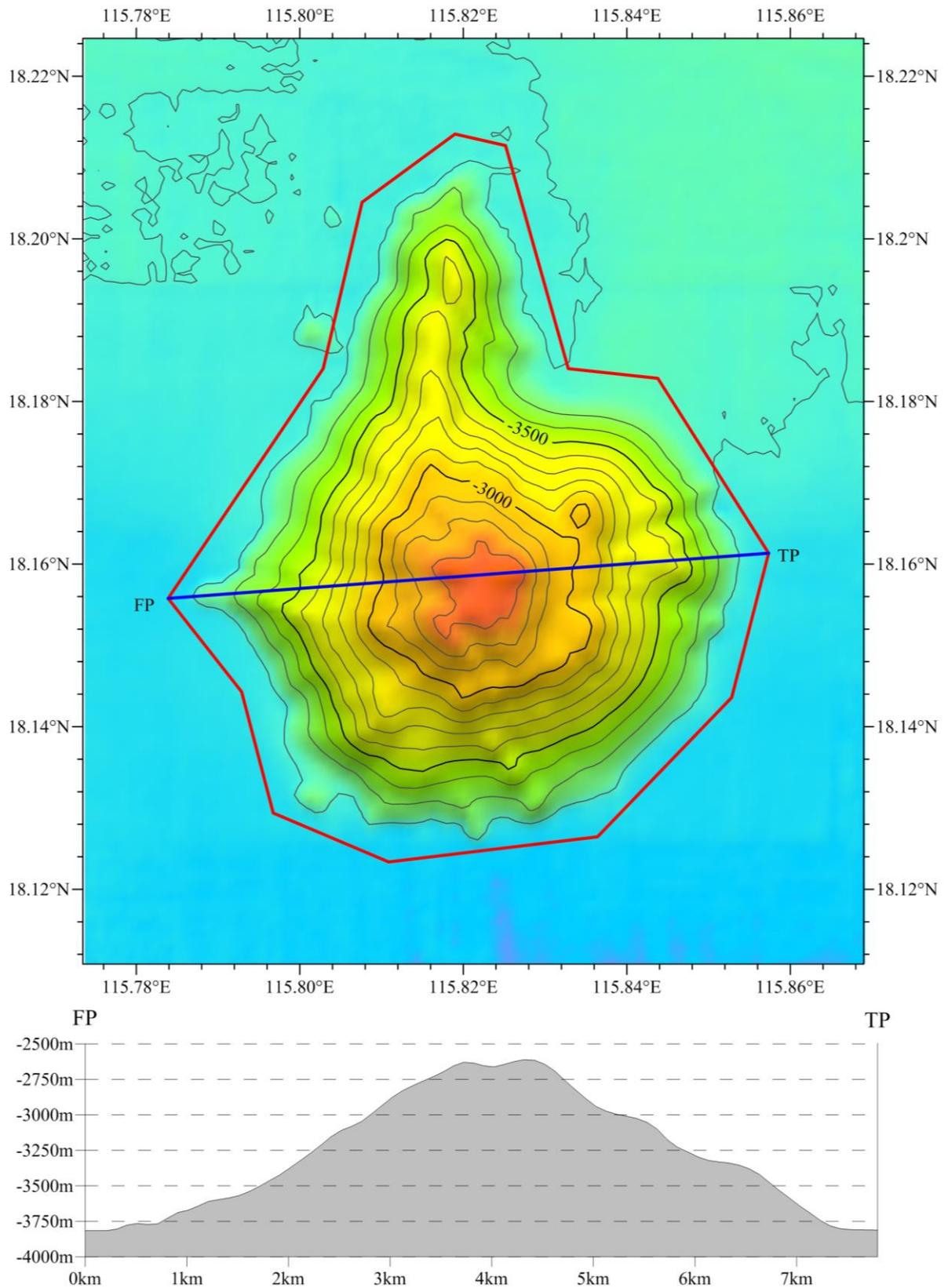


Fig.5 Profile map of Wangzhen Seamount