

**UNDERSEA FEATURE NAME PROPOSAL**

(See NOTE overleaf)

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

<b>Name Proposed:</b>	Juyue Seamount	<b>Ocean or Sea:</b>	Western Pacific Ocean
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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>	17°16.0'N (summit)	128°53.8'E (summit)
	17°18.1'N (bottom)	128°45.8'E (bottom)
	17°19.0'N	128°47.4'E
	17°19.8'N	128°50.6'E
	17°20.3'N	128°53.9'E
	17°20.2'N	128°54.9'E
	17°19.1'N	128°56.1'E
	17°18.3'N	128°56.8'E
	17°17.9'N	128°57.6'E
	17°13.8'N	128°57.7'E
	17°13.1'N	128°56.2'E
	17°12.1'N	128°55.2'E
	17°11.2'N	128°55.5'E
	17°10.3'N	128°54.9'E
	17°09.1'N	128°51.8'E
	17°08.6'N	128°48.1'E
	17°08.8'N	128°45.3'E
	17°09.5'N	128°42.1'E
	17°10.3'N	128°41.9'E
	17°12.2'N	128°45.9'E
17°12.8'N	128°45.7'E	
17°13.2'N	128°43.6'E	
17°15.2'N	128°43.7'E	
17°18.1'N (bottom)	128°45.8'E (bottom)	

<b>Feature Description:</b>	Maximum Depth:	4880m	Steepness :	
	Minimum Depth :	3819m	Shape :	
	Total Relief :	1061m	Dimension/Size :	32.6km×20.4km

<b>Associated Features:</b>	This sea mountain is located in the eastern part of Philippine Basin, with ellipsoid shape and minimum depth 3 819m.
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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):	Juyue is a name of September in Chinese lunar calendar.
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<b>Discovery Facts:</b>	Discovery Date:	Dec.2017
	Discoverer (Individual, Ship):	China Survey Vessel "Qian Weichang Hao"

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	Nov.--Dec.2017
	Survey Ship:	China Survey Vessel "Qian Weichang Hao"
	Sounding Equipment:	SeaBeam 3012/3050
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	0.054nm(100m)
	Survey Track Spacing:	5.4nm
Supporting material can be submitted as Annex in analog or digital form.		

<b>Proposer(s):</b>	Name(s):	Xu Jinde
	Date:	10 Apr.2018
	E-mail:	CNHO@NGD.GOV.CN
	Organization and Address:	China Navy Hydrographic Office ADD: PO.Box 91,NO.19,W.3rd Ring Road Middle, Haidian District, Beijing, China Postcode:100841
	Concurrer (name, e-mail, organization and address):	

<b>Remarks:</b>	This proposal has been reviewed and approved by China Subcommittee on Undersea Feature Names (CCUFN). No.1 Fuxingmenwai Street, Xicheng District, Beijing, China, 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 <u>Principality of MONACO</u> Fax: +377 93 10 81 40 E-mail: <a href="mailto:info@ihb.mc">info@ihb.mc</a>	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a>
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# Attachments

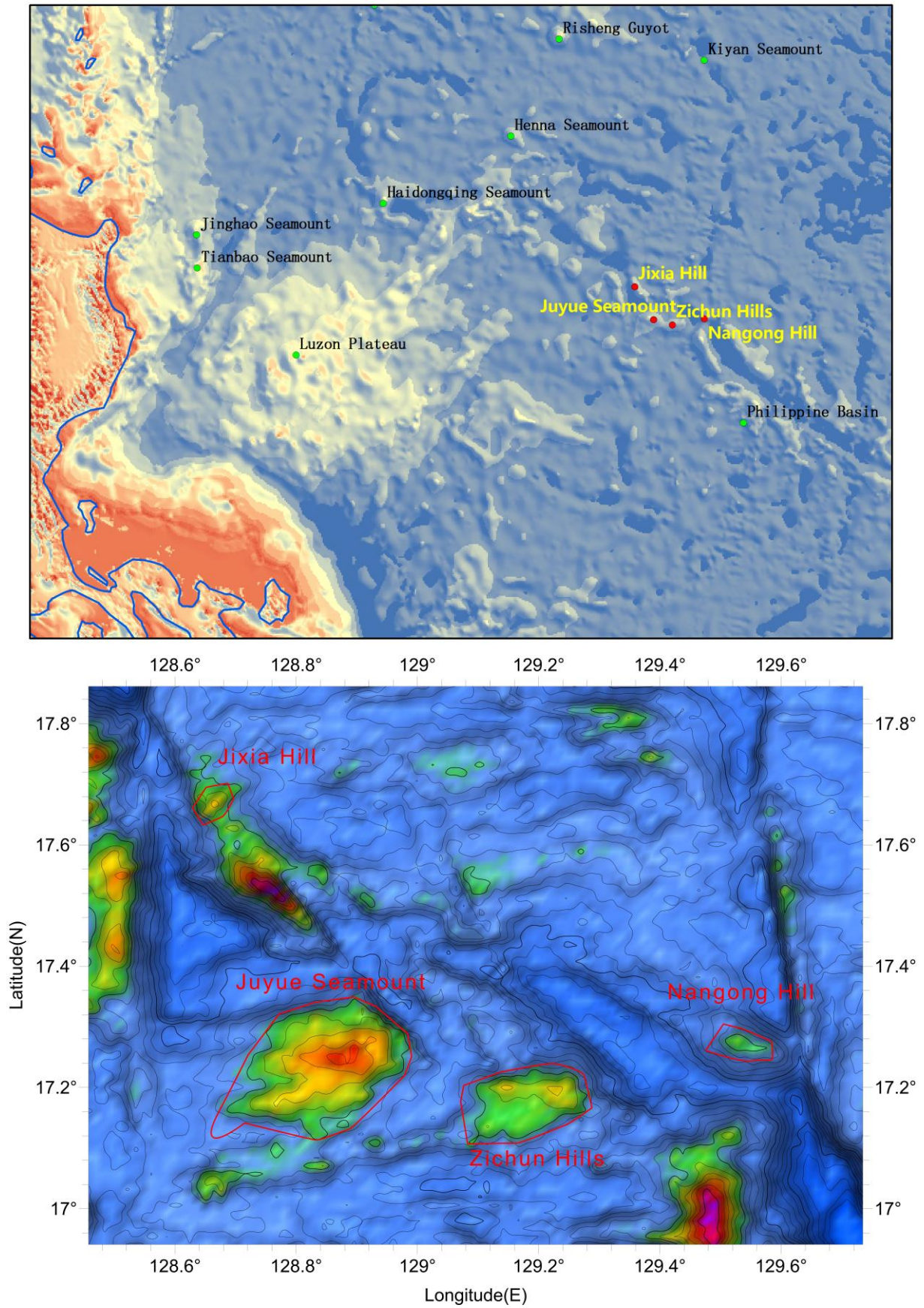


Fig.1 Index map showing the location of the Juyue Seamount

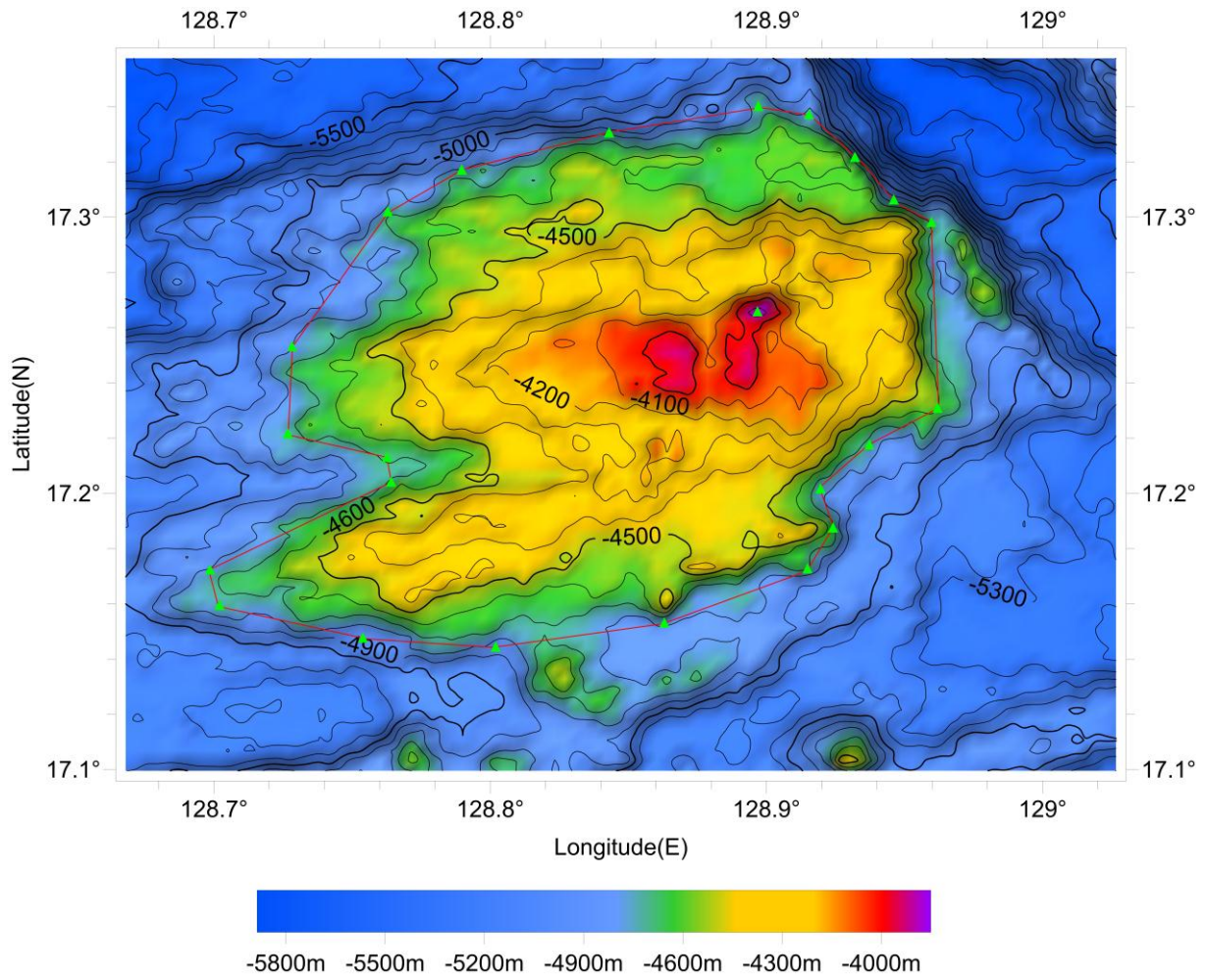


Fig.2 Bathymetric map of the Juyue Seamount (Contours are in 100 m)

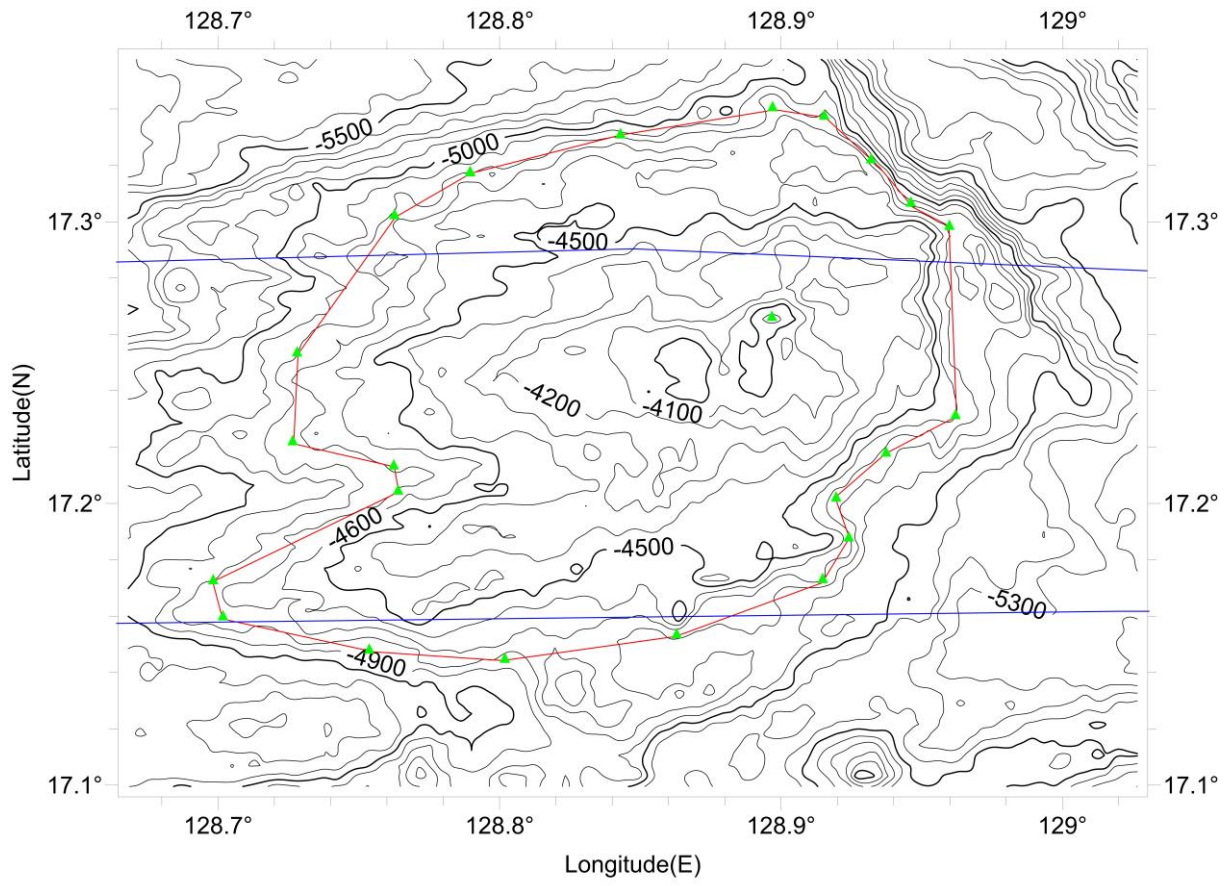


Fig.3 Bathymetric map of the Juyue Seamount, showing track lines.  
(Contours are in 100 m)

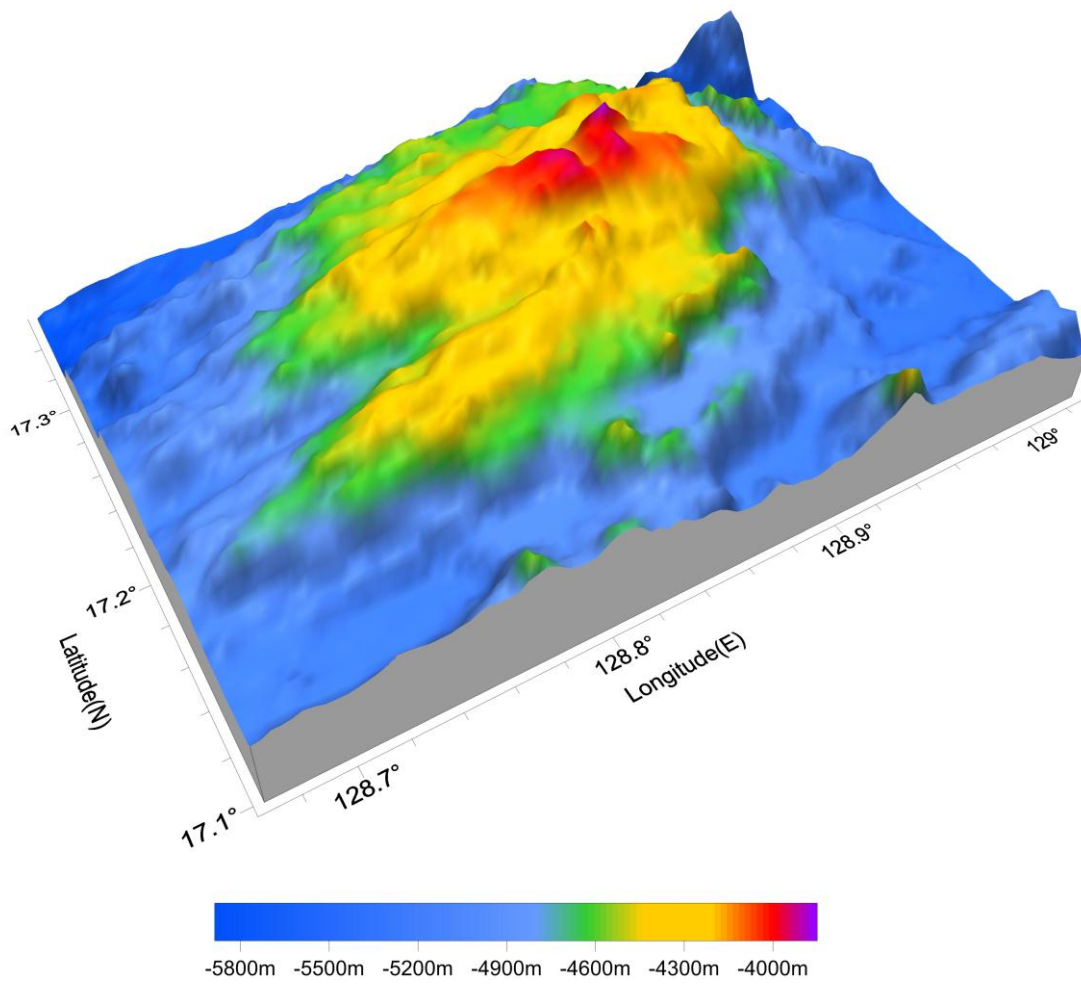


Fig.4 3-D bathymetric map of the Juyue Seamount.

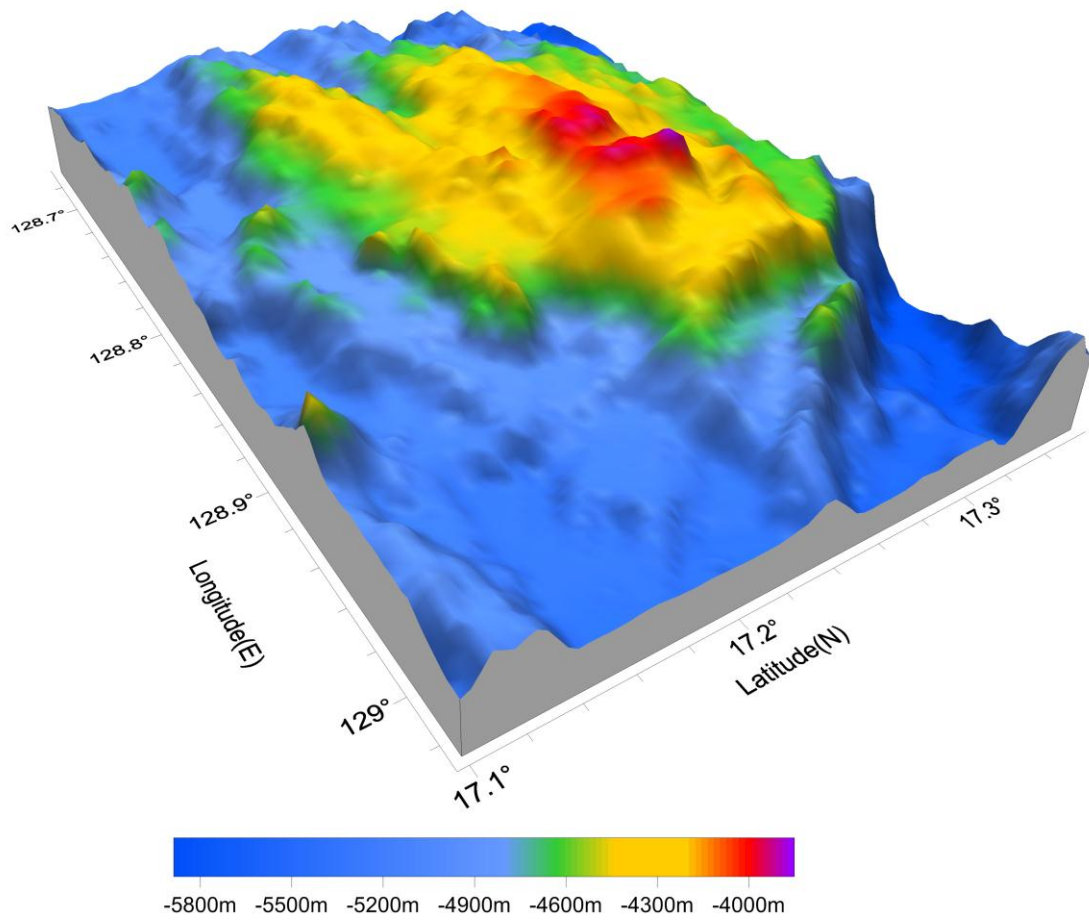


Fig.5 3-D bathymetric map of the Juyue Seamount.

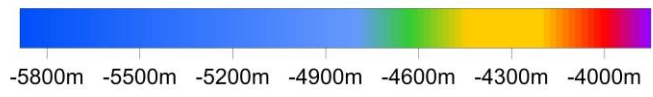
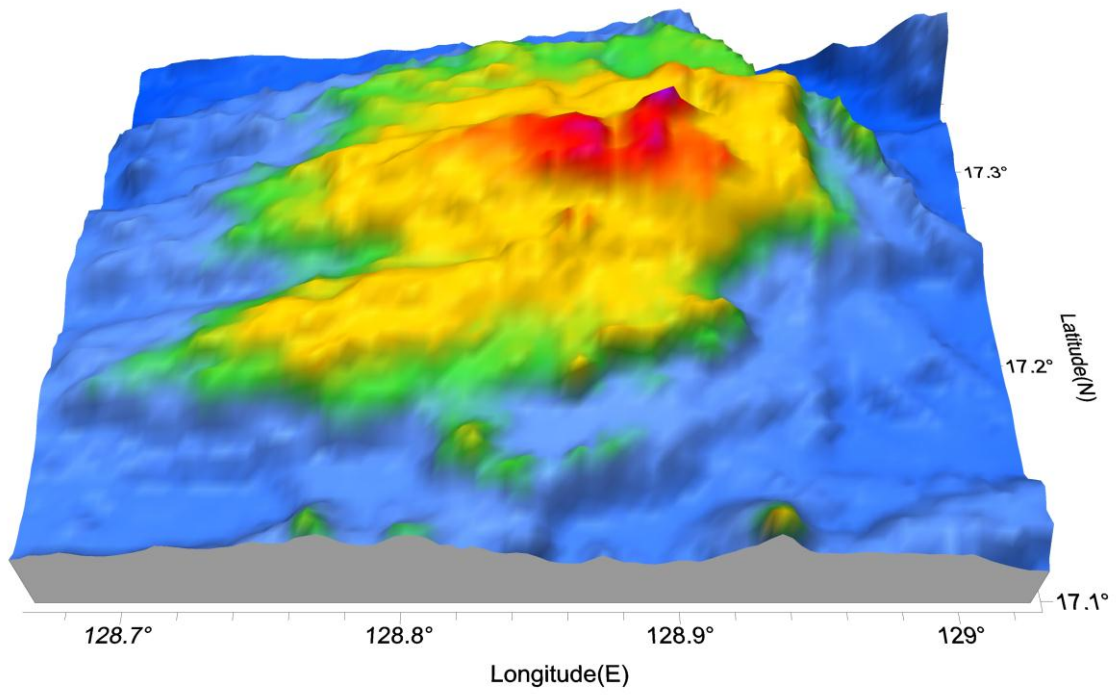


Fig.6 3-D bathymetric map of the Juyue Seamount.



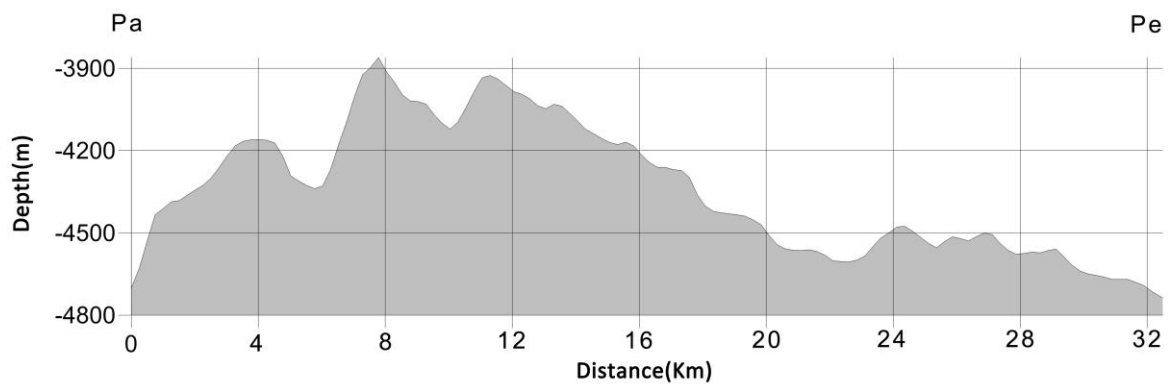
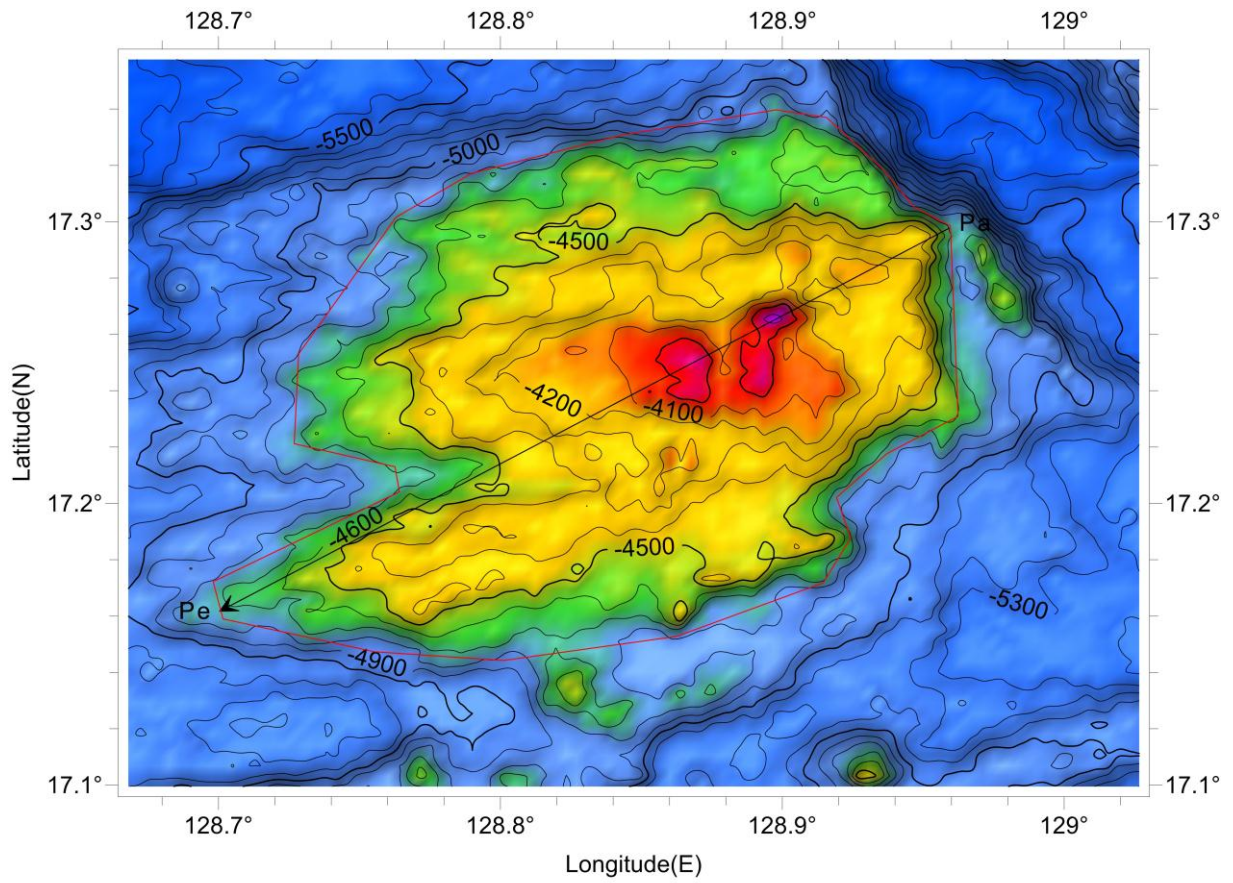


Fig.7 Profile of the Juyue Seamount.