

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

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

<b>Name Proposed:</b>	Yange Ridge	<b>Ocean or Sea:</b>	Eastern Indian 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>	28°00.0'S (summit)	100°54.3'E (summit)
	27°58.2'S (bottom)	100°53.0'E (bottom)
	27°58.4'S	100°51.2'E
	27°58.0'S	100°41.1'E
	27°57.6'S	100°45.0'E
	27°57.6'S	100°42.9'E
	27°58.1'S	100°42.0'E
	28°00.3'S	100°41.8'E
	28°01.3'S	100°44.5'E
	28°01.0'S	100°45.9'E
	28°01.6'S	100°52.6'E
	28°02.4'S	100°55.0'E
	28°01.0'S	100°58.4'E
	28°00.1'S	100°58.2'E
	27°58.5'S	100°56.2'E
27°58.2'S (bottom)	100°53.0'E (bottom)	

<b>Feature Description:</b>	<b>Maximum Depth:</b>	4789m	<b>Steepness :</b>	
	<b>Minimum Depth :</b>	3432m	<b>Shape :</b>	
	<b>Total Relief :</b>	1357m	<b>Dimension/Size :</b>	32.45km×8.60km

<b>Associated Features:</b>	This ridge lies in the southern part of Wharton Basin, taking a band form and extending roughly from south to north, with top depth 3432m.
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<b>Chart/Map References:</b>	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.06
	Within Area of Map/Chart:	

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	Yange, namely the place where the rising sun passes at dawn, is a legendary hill in an ancient Chinese fairy tale. The title is taken from Chu Ci (The Poetry of Chu), and the original text is as follows: "O goddess! How I wish to take a bath with you in Xianchi Lake, and see you basking your fair hair in Yang'e". The verse expresses the admiration for fair women. The reason why Yang'e is quoted to designate this ridge is to demonstrate the delicate inner life of ancient Chinese people.
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<b>Discovery Facts:</b>	Discovery Date:	Jul 2014
	Discoverer (Individual, Ship):	China Survey Vessel "Zhu kezhen Hao"

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	Jul 2014
	Survey Ship:	China Survey Vessel "Zhu kezhen Hao"
	Sounding Equipment:	Multi-beam sounding system (SeaBat 8150)
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	0.0054nm(10m)
	Survey Track Spacing:	0.6nm
Supporting material can be submitted as Annex in analog or digital form.		

<b>Proposer(s):</b>	Name(s):	Shen Yue
	Date:	10 Sept. 2015
	E-mail:	<a href="mailto:CNHO@NGD.GOV.CN">CNHO@NGD.GOV.CN</a>
	Organization and Address:	China Navy Hydrographic Office ADD:PO.Box 91,NO.19,W.3 <sup>rd</sup> Ring Road Middle,Haidian Distrct,Beijing,China Postcode:100841
	Concurrer (name, e-mail, organization and address):	

<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 Ave. Beijing 100860 <a href="mailto:heyunxu@sina.com">heyunxu@sina.com</a>
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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: <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

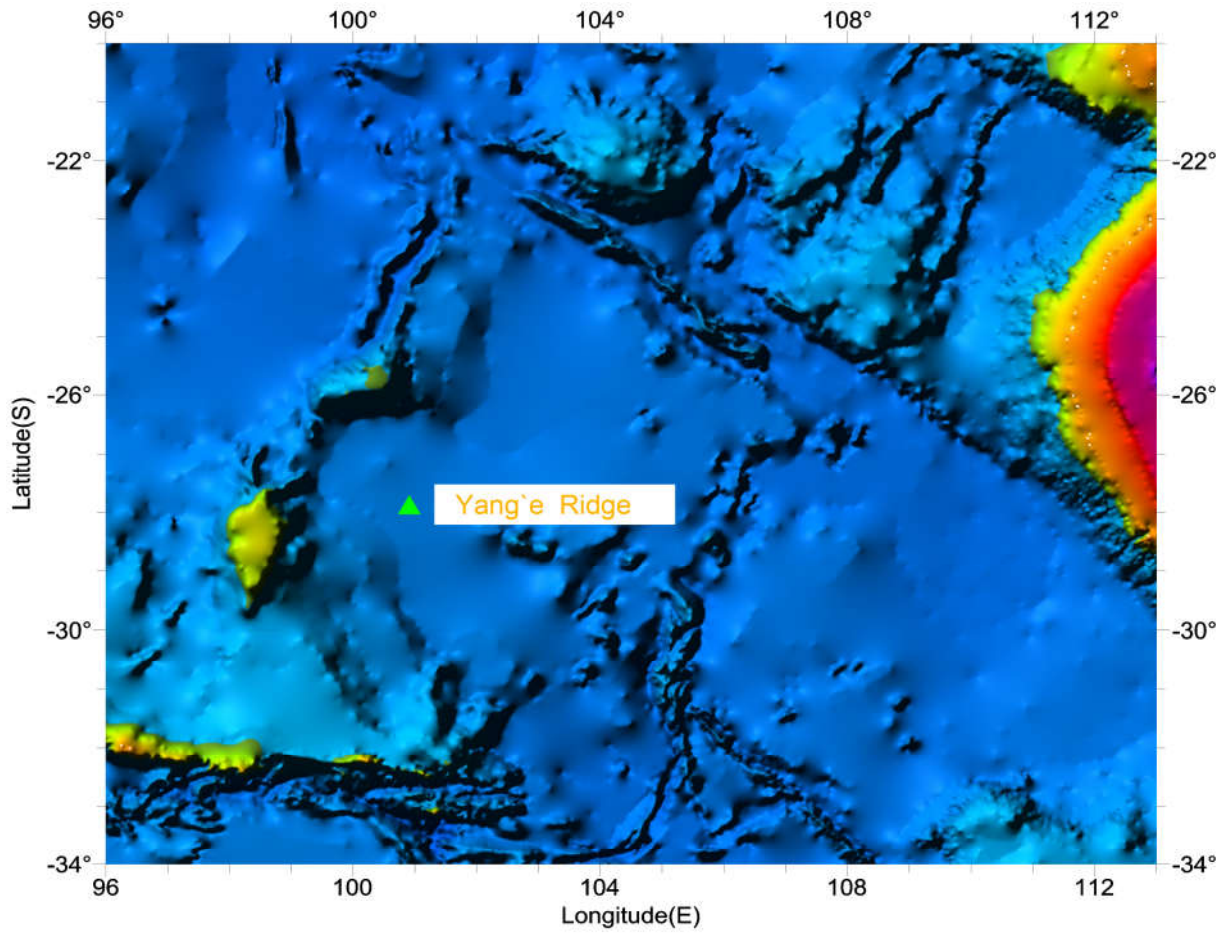


Fig.1 Index map showing the location of the Yange Ridge

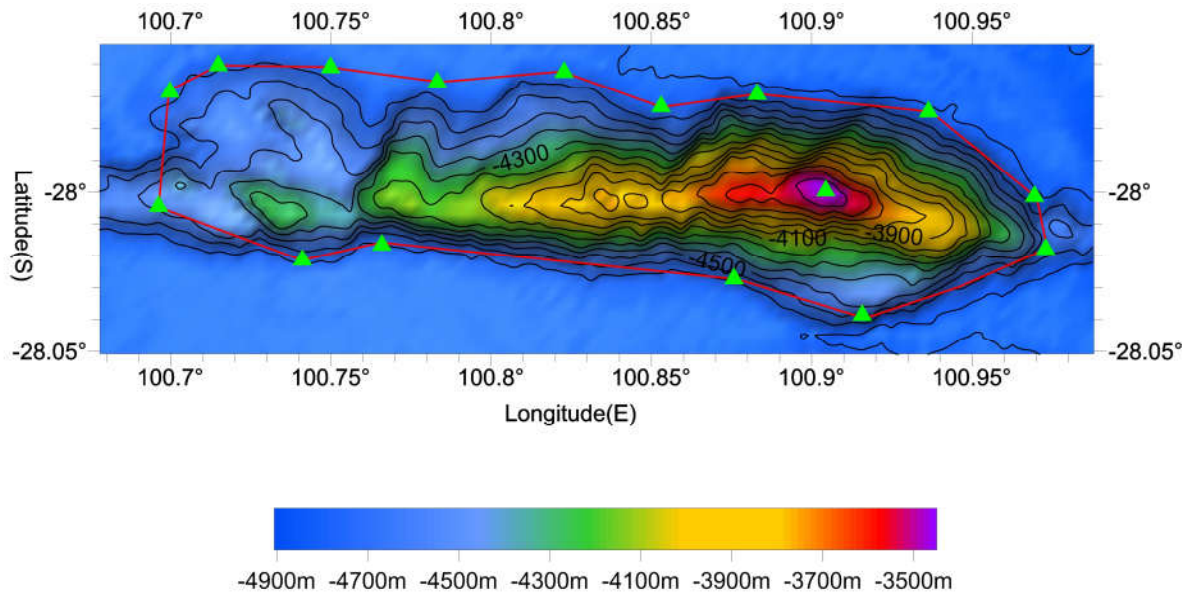


Fig.2 Bathymetric map of the Yange Ridge (Contours are in 100 m)

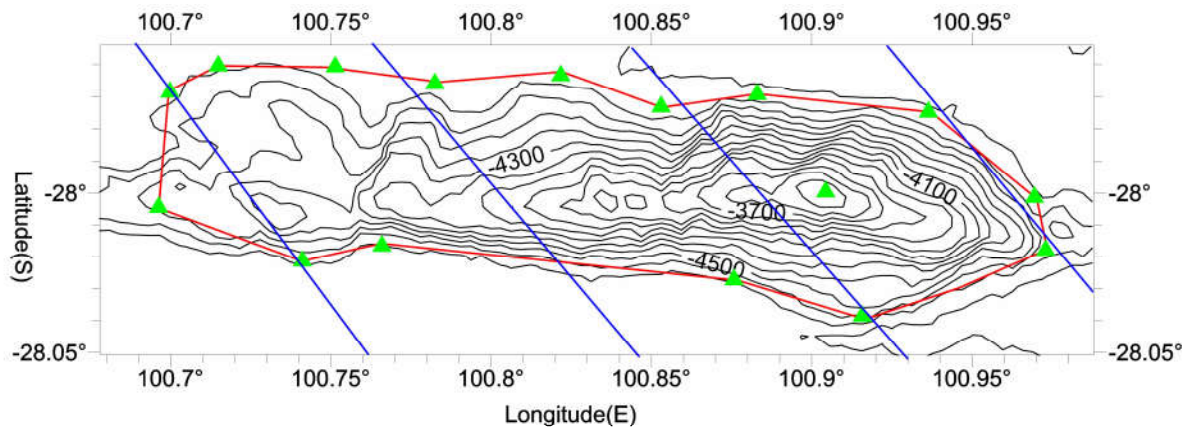


Fig.3 Bathymetric map of the Yange Ridge, showing track lines.  
(Contours are in 100 m)

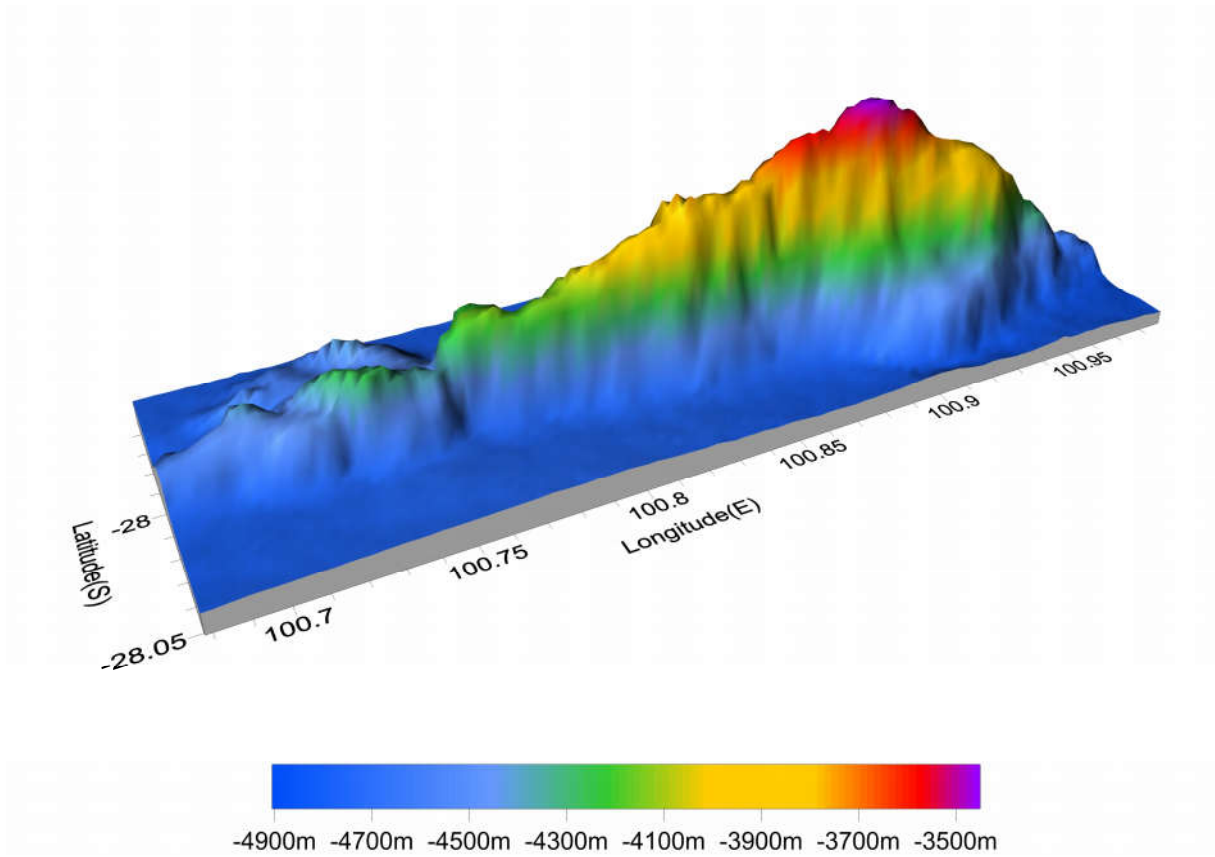


Fig.4 3-D bathymetric map of the Yange Ridge

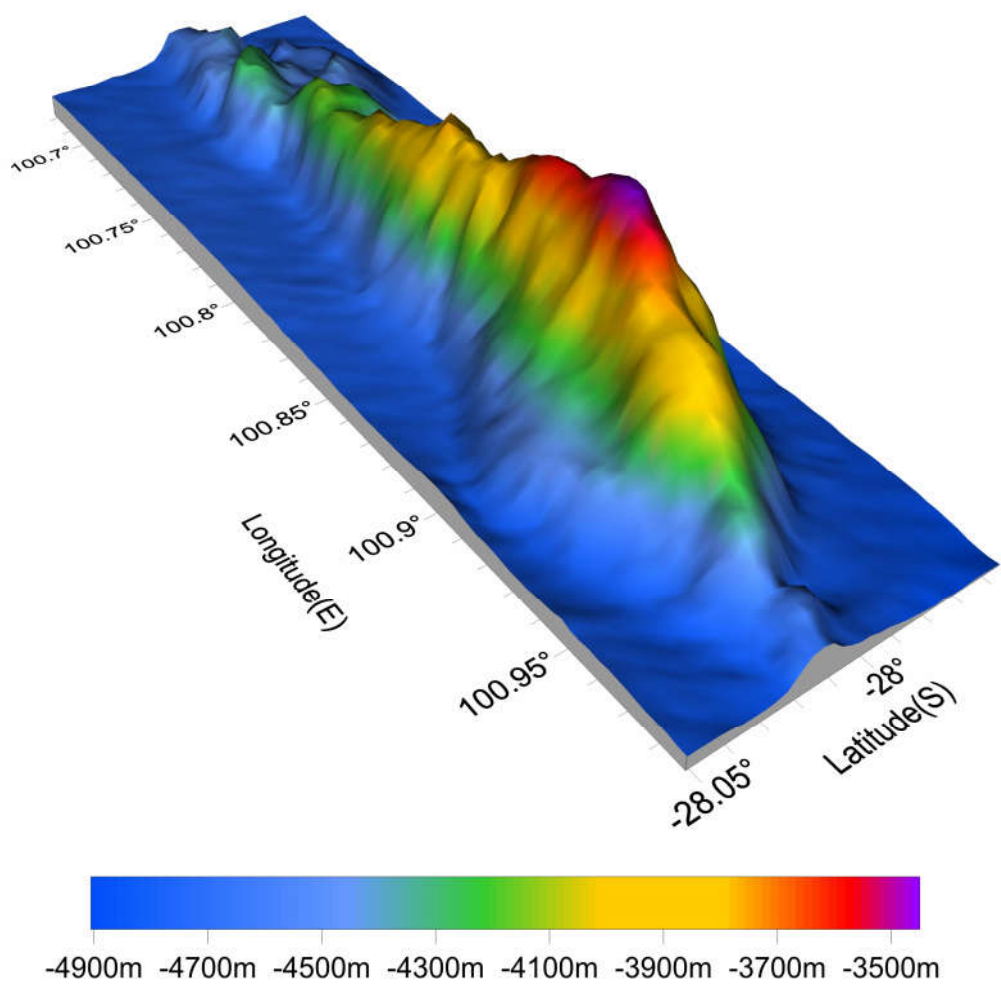


Fig.5 3-D bathymetric map of the Yange Ridge

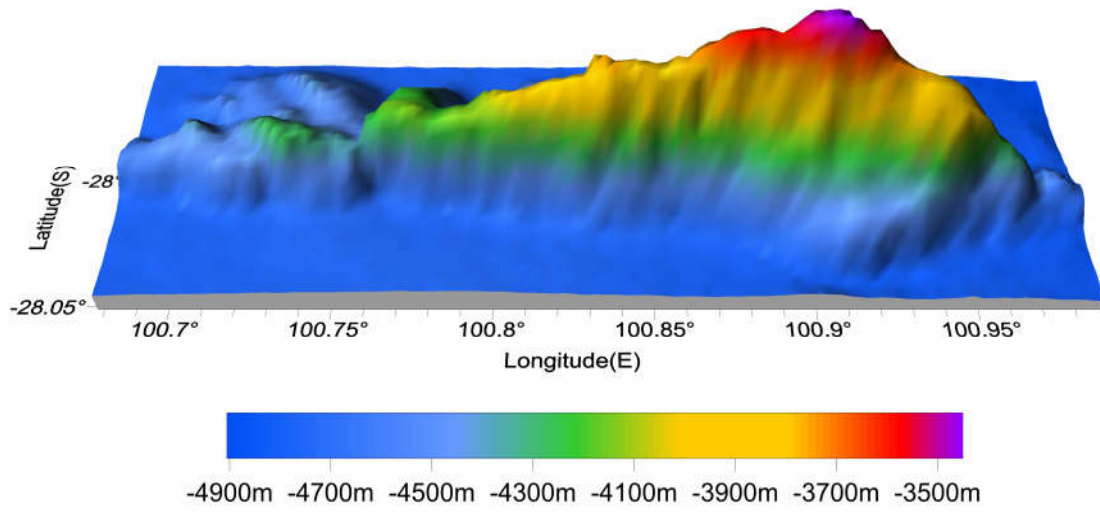


Fig.6 3-D bathymetric map of the Yange Ridge

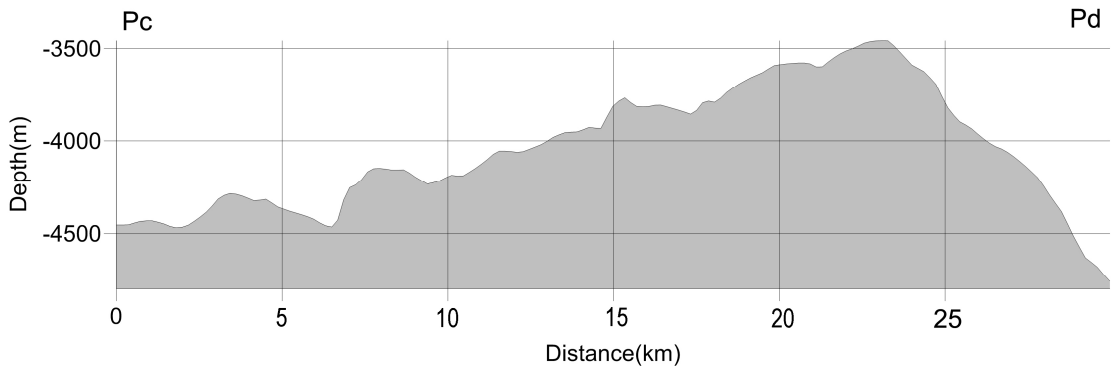
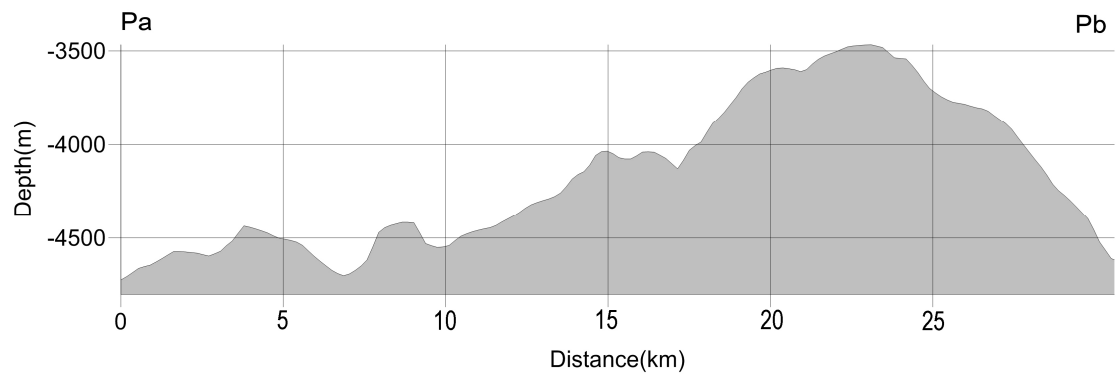
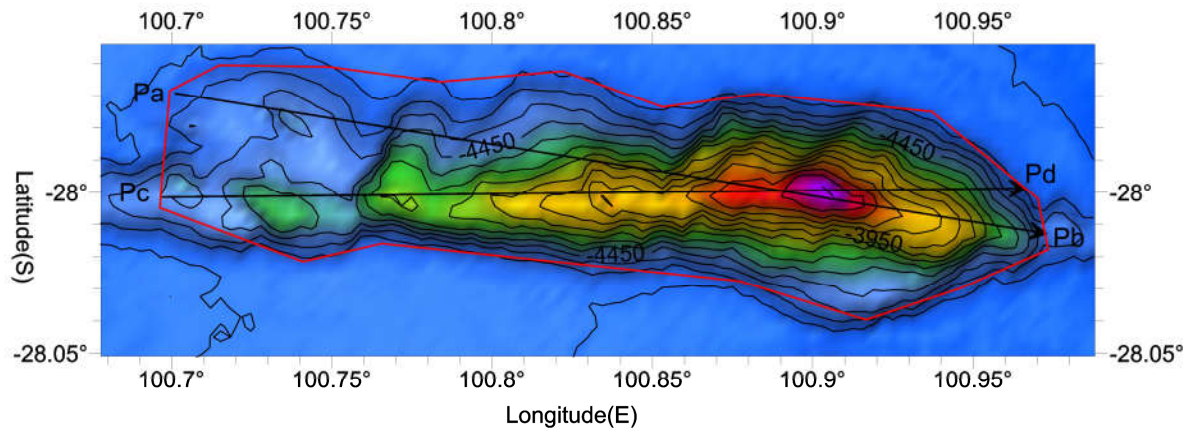


Fig.7 Profile of the Yange Ridge