

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Sata Seamount	Ocean or Sea:	Western Pacific Ocean
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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°14.8'N (summit)	126°17.5'E (summit)
	18°21.5'N (bottom)	126°14.5'E (bottom)
	18°21.1'N	126°19.1'E
	18°21.6'N	126°22.5'E
	18°20.5'N	126°23.7'E
	18°16.9'N	126°22.9'E
	18°12.5'N	126°22.9'E
	18°08.4'N	126°22.6'E
	18°07.6'N	126°17.4'E
	18°03.3'N	126°13.5'E
	18°03.8'N	126°06.4'E
	18°06.7'N	126°02.9'E
	18°11.4'N	126°05.1'E
	18°15.6'N	126°10.7'E
	18°17.1'N	126°11.9'E
18°21.1'N	126°11.3'E	
18°21.5'N (bottom)	126°14.5'E (bottom)	

Feature Description:	Maximum Depth:	5552m	Steepness :	about 5°
	Minimum Depth :	2432m	Shape :	Triangle
	Total Relief :	3120m	Dimension/Size :	39.76km×35.08km

Associated Features:	This sea mountain lies in the northern part of Luzon Plateau, with triangle shape and top depth 2432m.
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.07
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Sata, describing the state of flying in swarm or horse galloping, is taken from <i>Ode to Gallantry</i> by Li Bai (A.D.701-762), a famous poet in Tang Dynasty of China. The original text is: <i>The silver saddle illuminated the white horse; Its galloping was like a shooting star.</i> The poet showed his admiration for chivalrous swordsmen and longing for military exploits.
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Discovery Facts:	Discovery Date:	Sep.2004
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	Discoverer (Individual, Ship):	China Survey Vessel "Lisiguanghao"
Supporting Survey Data, including Track Controls:	Date of Survey:	Jul.--Sep.2004
	Survey Ship:	China Survey Vessel "Lisiguanghao"
	Sounding Equipment:	Multi-beam sounding system(EM120)
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	0.054nm(100m)
	Survey Track Spacing:	6nm
	Supporting material can be submitted as Annex in analog or digital form.	
Proposer(s):	Name(s):	Xu Jinde
	Date:	20 May,2016
	E-mail:	CNHO@NGD.GOV.CN
	Organization and Address:	China Navy Hydrographic Office ADD: PO. Box 91,NO.19,W.3 rd Ring Road Middle, Haidian District, Beijing, China Postcode:100841
	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 Street, Xicheng District, Beijing, China, 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	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
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Attachments

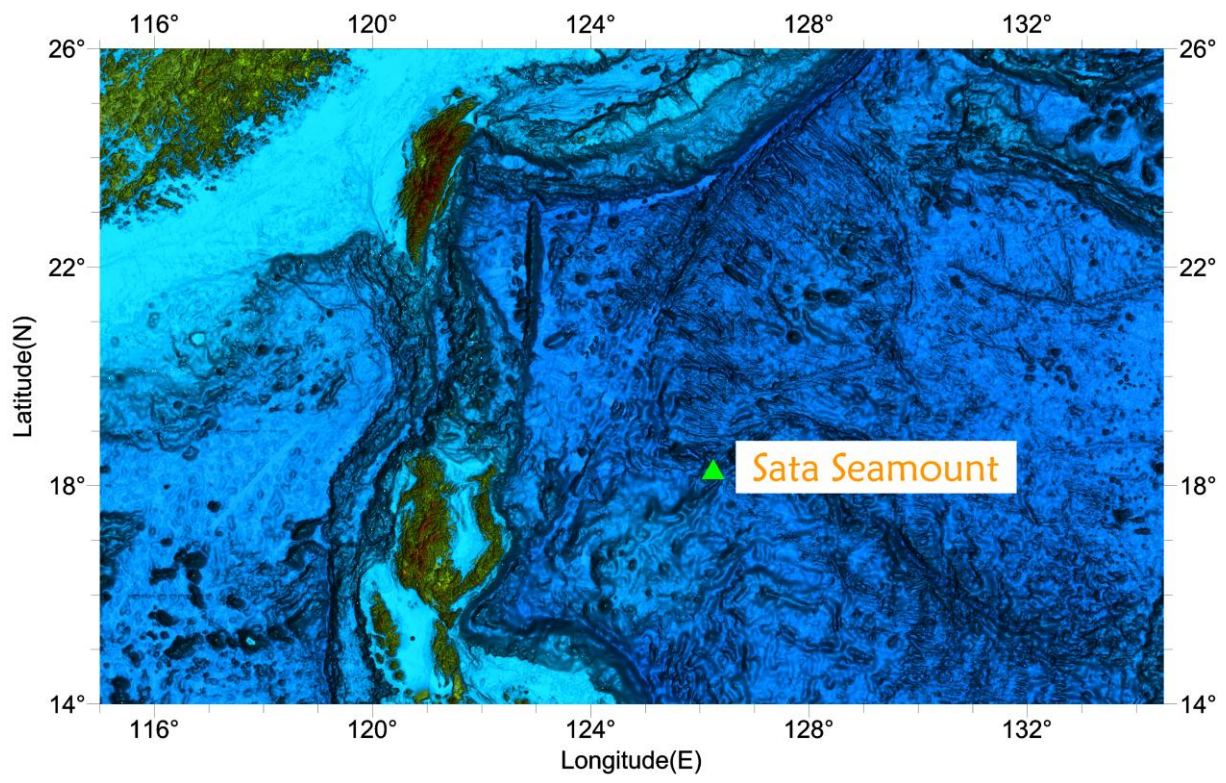


Fig.1 Index map showing the location of Sata Seamount

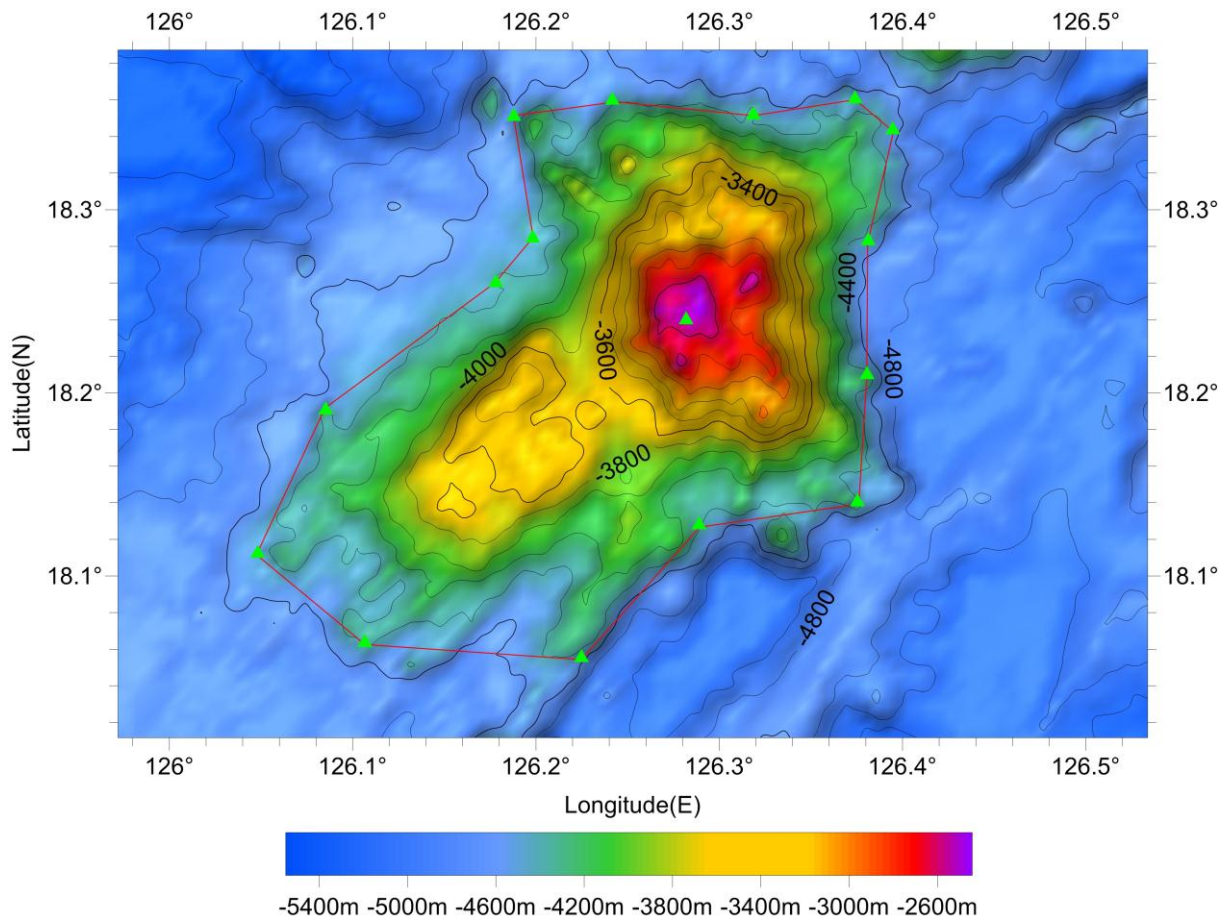


Fig.2 Bathymetric map of Sata Seamount(Contours are in 200 m)

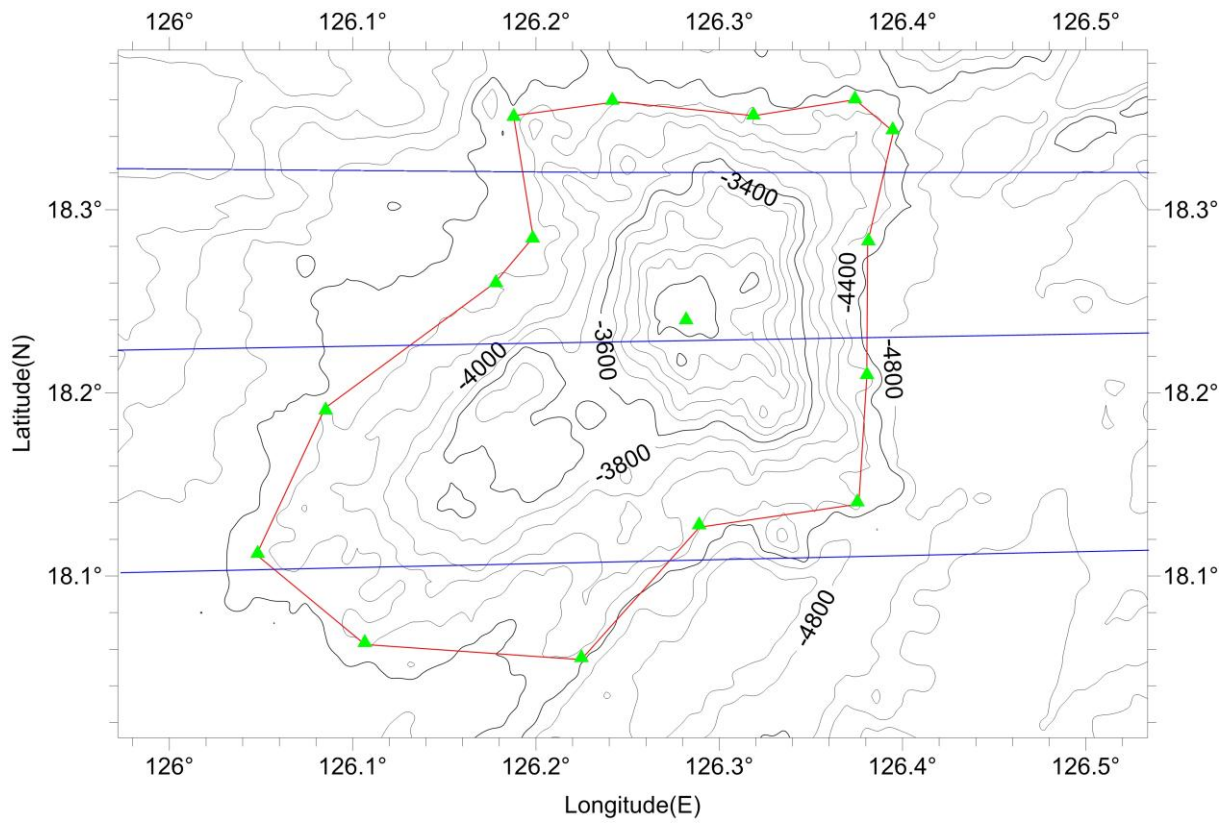


Fig.3 Bathymetric map of Sata Seamount, showing track lines.
(Contours are in 200 m)

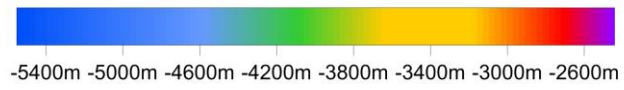
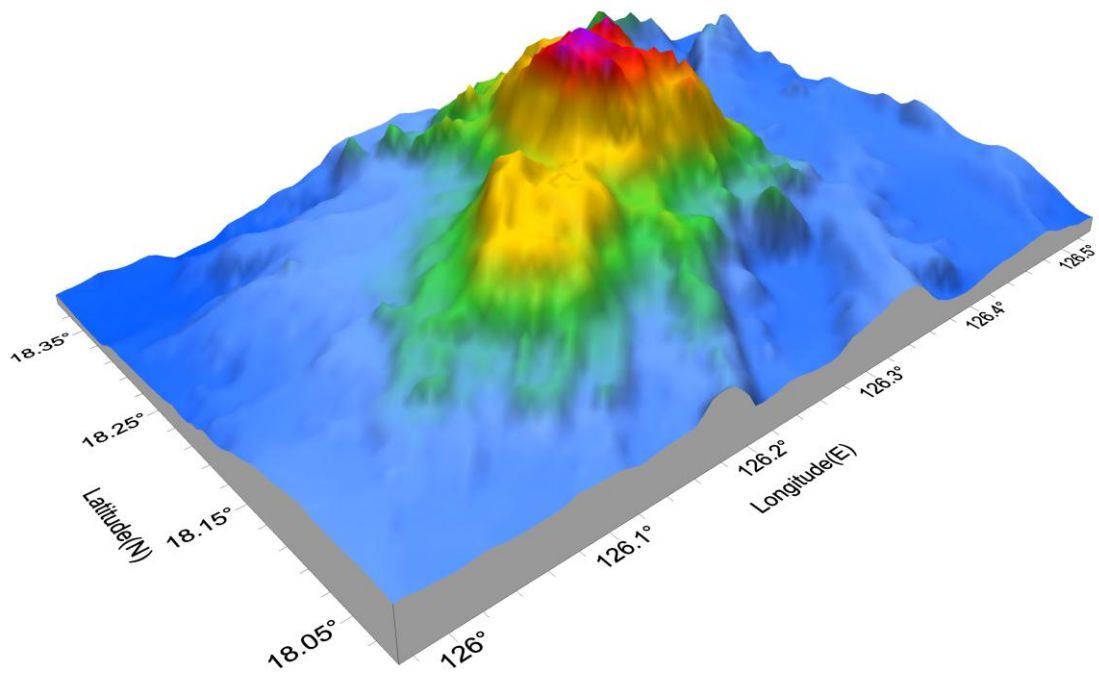


Fig.4 3-D bathymetric map of Sata Seamount

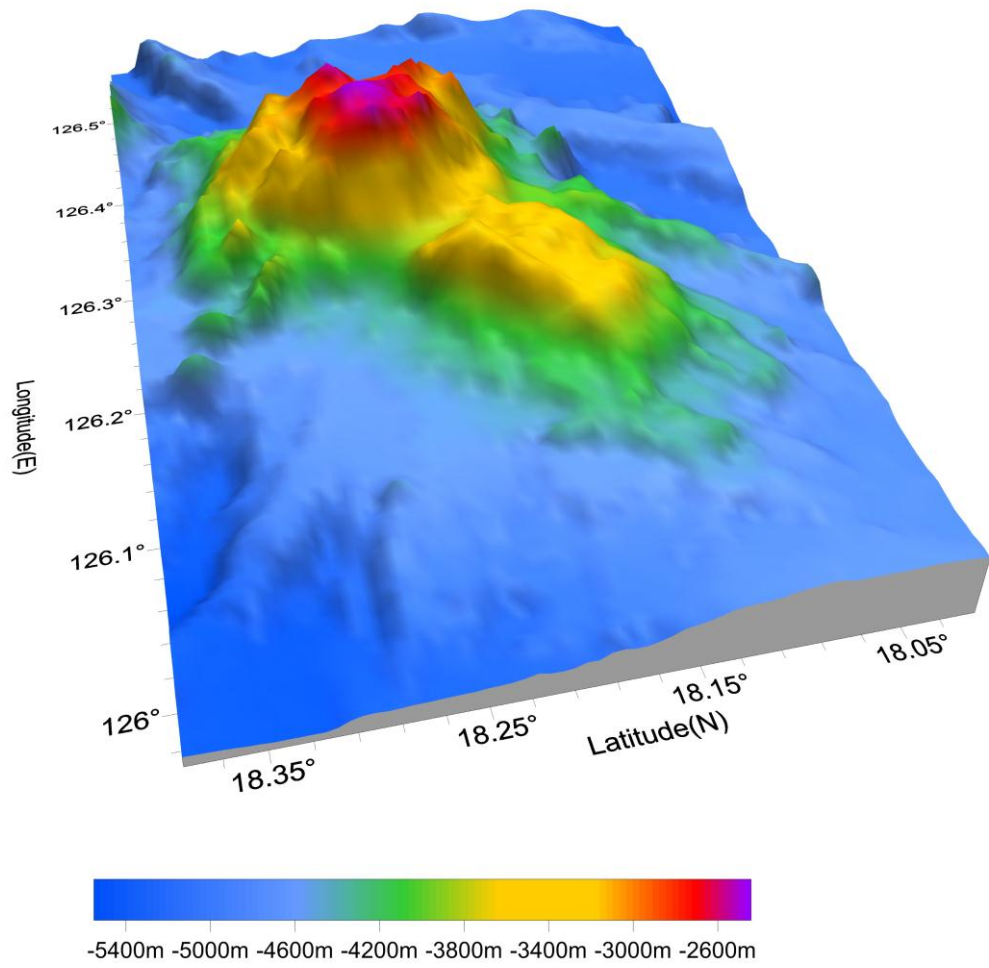


Fig.5 3-D bathymetric map of Sata Seamount

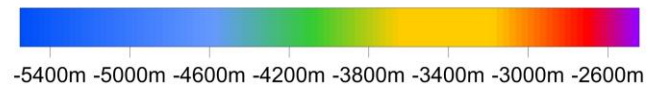
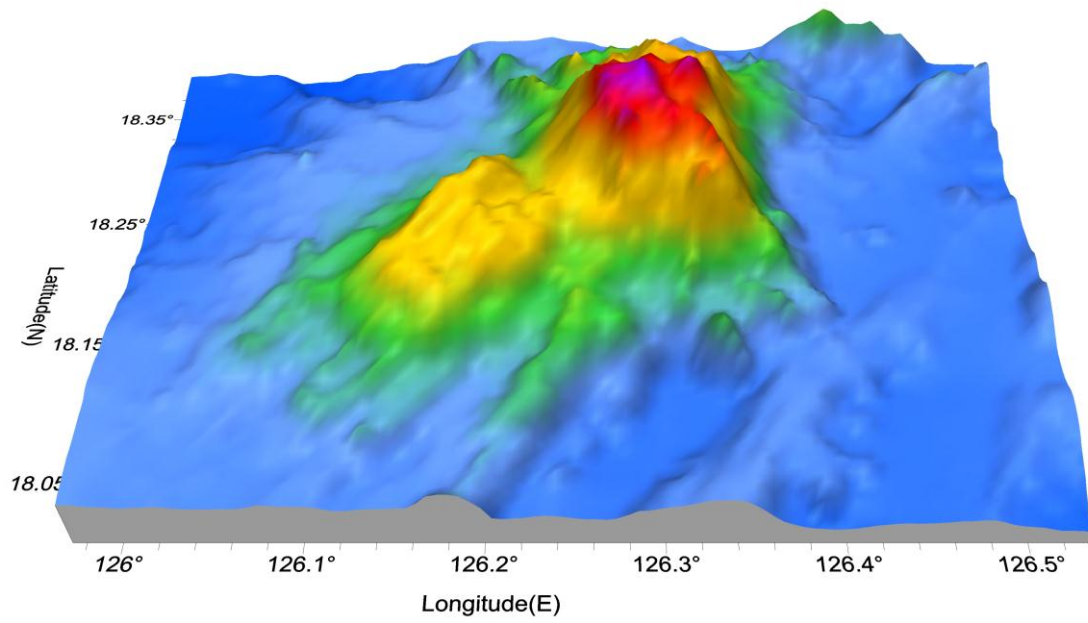


Fig.6 3-D bathymetric map of Sata Seamount

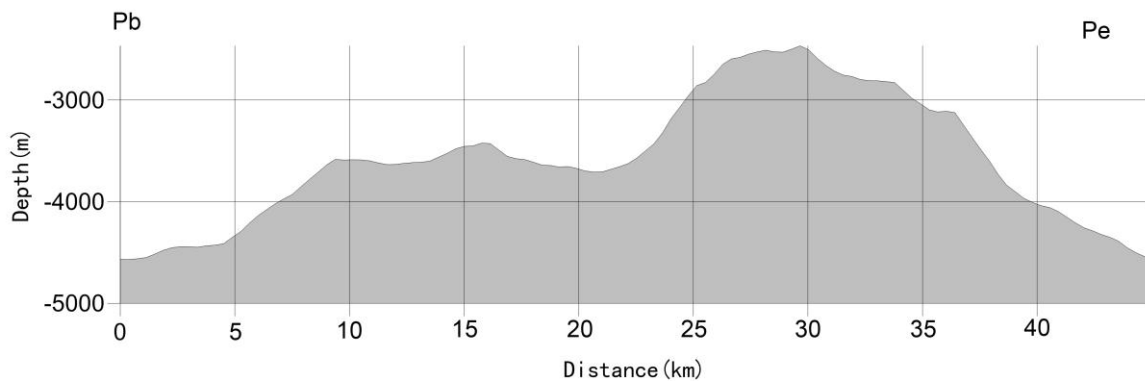
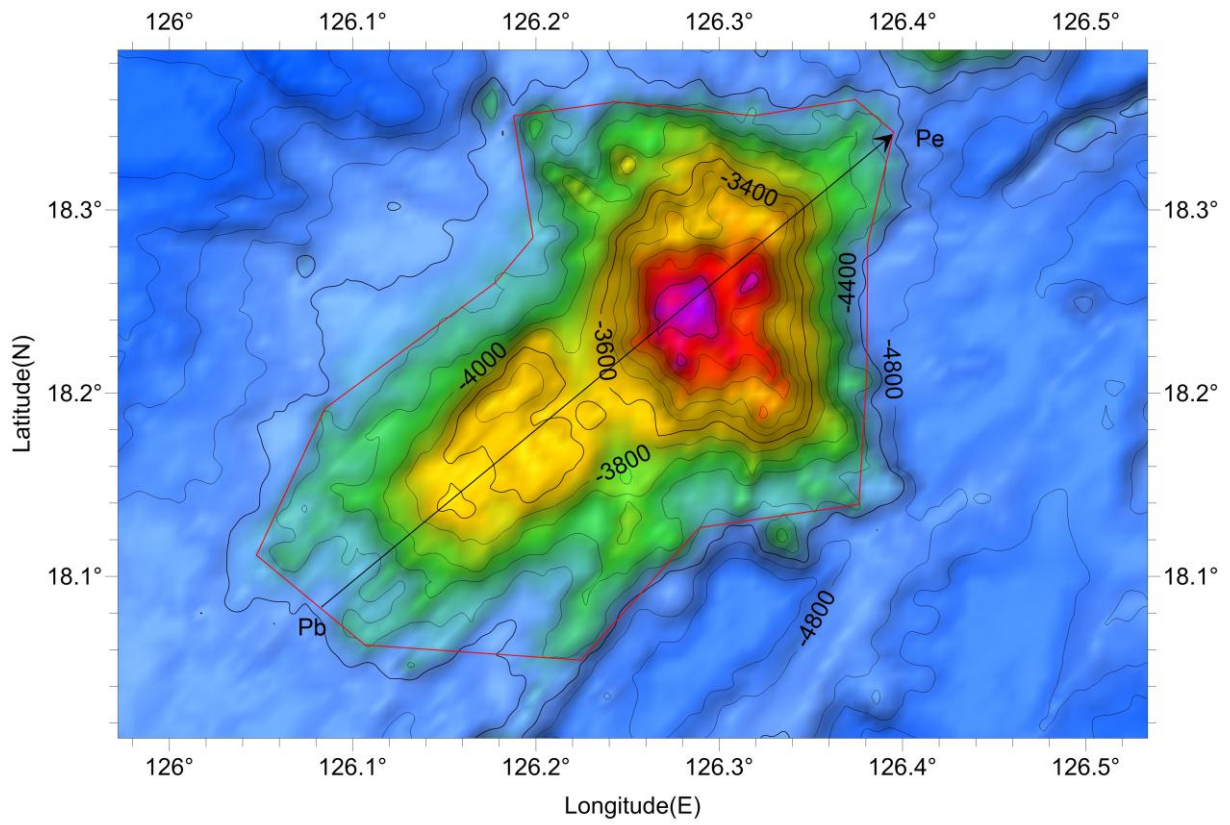


Fig.7 Profile of Sata Seamount