

UNDERSEA FEATURE NAME PROPOSAL
(Sea NOTE overleaf)

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

Name Proposed:	Heming Ridge	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:	21°01.8'N (summit)	122°52.5'E (summit)
	21°43.8'N (bottom)	122°52.5'E (bottom)
	21°39.9'N	122°50.9'E
	21°27.0'N	122°51.6'E
	21°11.4'N	122°48.4'E
	21°02.5'N	122°47.5'E
	20°57.5'N	122°47.9'E
	20°36.4'N	122°45.9'E
	20°29.6'N	122°48.6'E
	20°30.2'N	122°51.4'E
	20°39.3'N	122°53.2'E
	20°48.4'N	122°56.1'E
	21°14.4'N	122°58.9'E
	21°27.5'N	122°59.7'E
	21°44.1'N	122°57.2'E
21°43.8'N (bottom)	122°52.5'E (bottom)	

Feature Description:	Maximum Depth:	4256m	Steepness :	
	Minimum Depth :	1618m	Shape :	
	Total Relief :	2638m	Dimension/Size :	39.40km×133.34km

Associated Features:	This ridge lies in the southern part of Gagua Ridge, taking a band form and extending roughly from south to north, with top depth 1618m.
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Chart/Map References:	Shown Named on Map/Chart:	
	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):	Heming, taken from The Book of Odes (a collection of odes and poems created from the 11th to the 6 Century B.C. in ancient China), means a crane standing still and singing aloud. The original text is: "A crane is singing in the remote wilderness, while the sound is heard far away in the fields." The title demonstrates the adoration for natural views of ancient Chinese people.
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Discovery Facts:	Discovery Date:	Sep.2004
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	Discoverer (Individual, Ship):	China Survey Vessel "Li Siguang Hao"
Supporting Survey Data, including Track Controls:	Date of Survey:	Jul.--Sep.2004
	Survey Ship:	China Survey Vessel "Li Siguang Hao"
	Sounding Equipement:	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:	10 Sept. 2015
	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 Distrct,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 Ave. Beijing 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

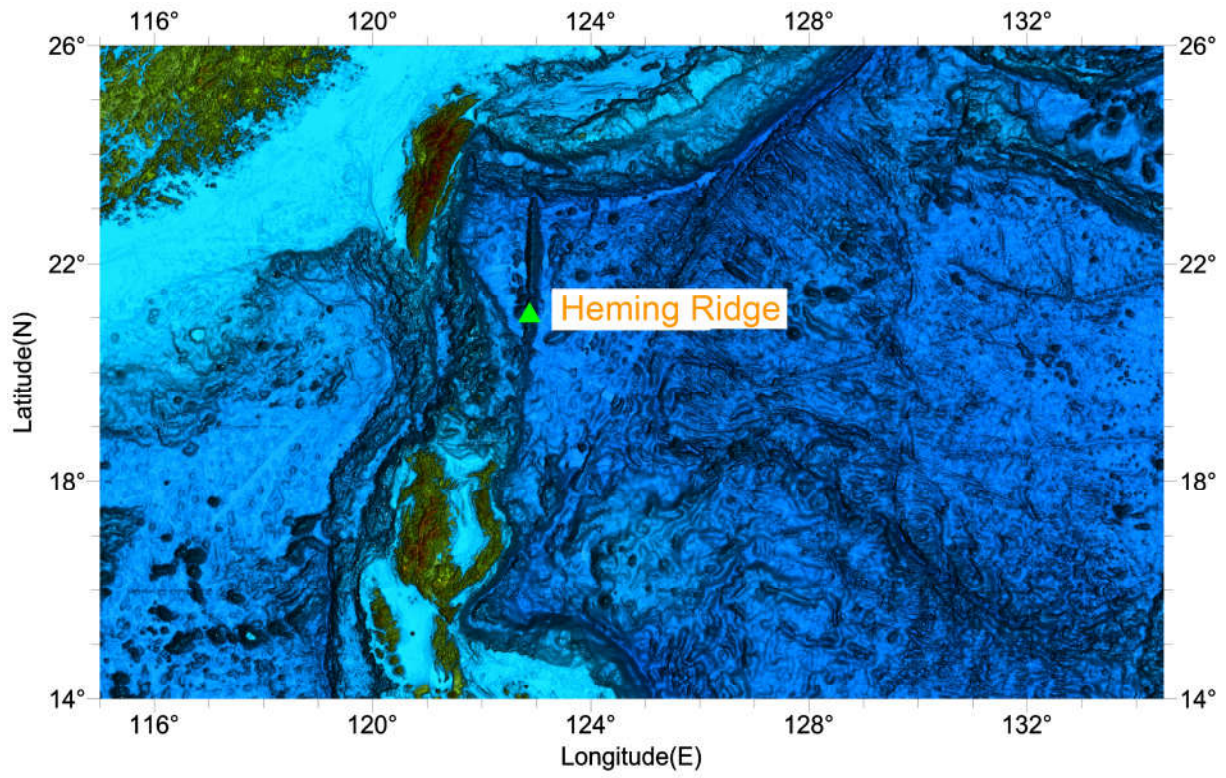


Fig.1 Index map showing the location of the Heming Ridge

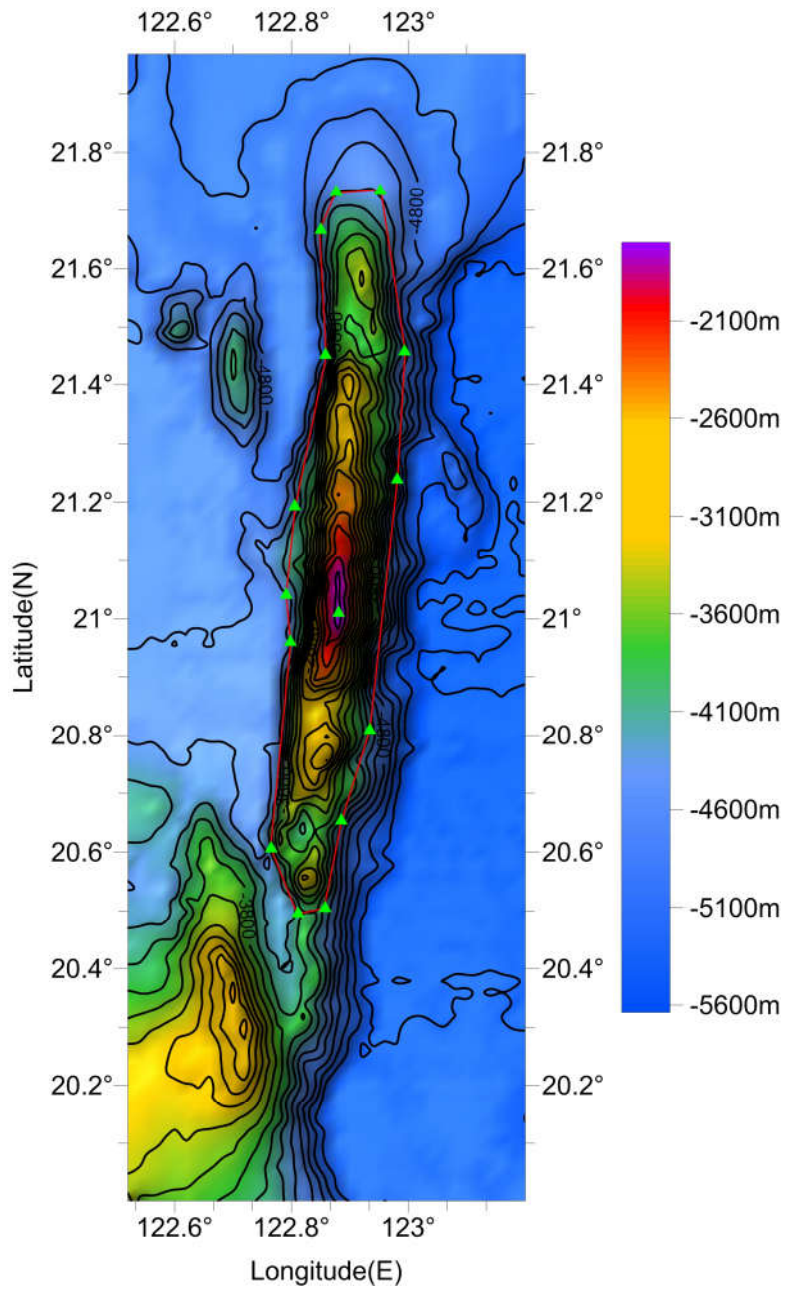


Fig.2 Bathymetric map of the Heming Ridge(Contours are in 200 m)

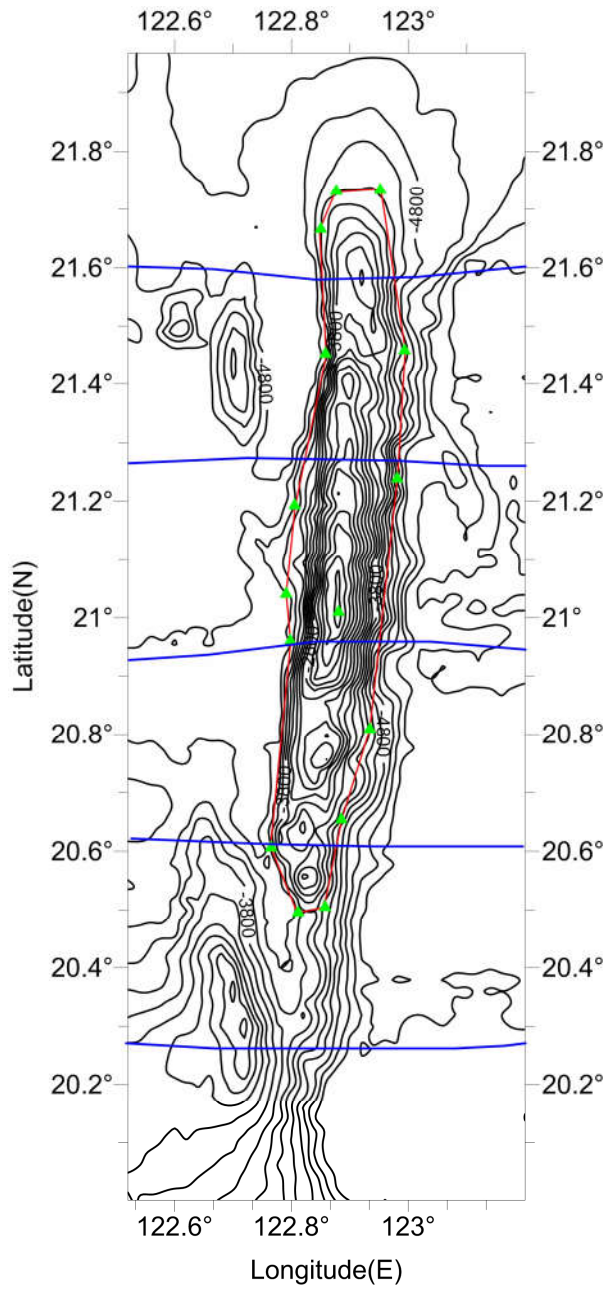


Fig.3 Bathymetric map of the Heming Ridge, showing track lines.
(Contours are in 200 m)

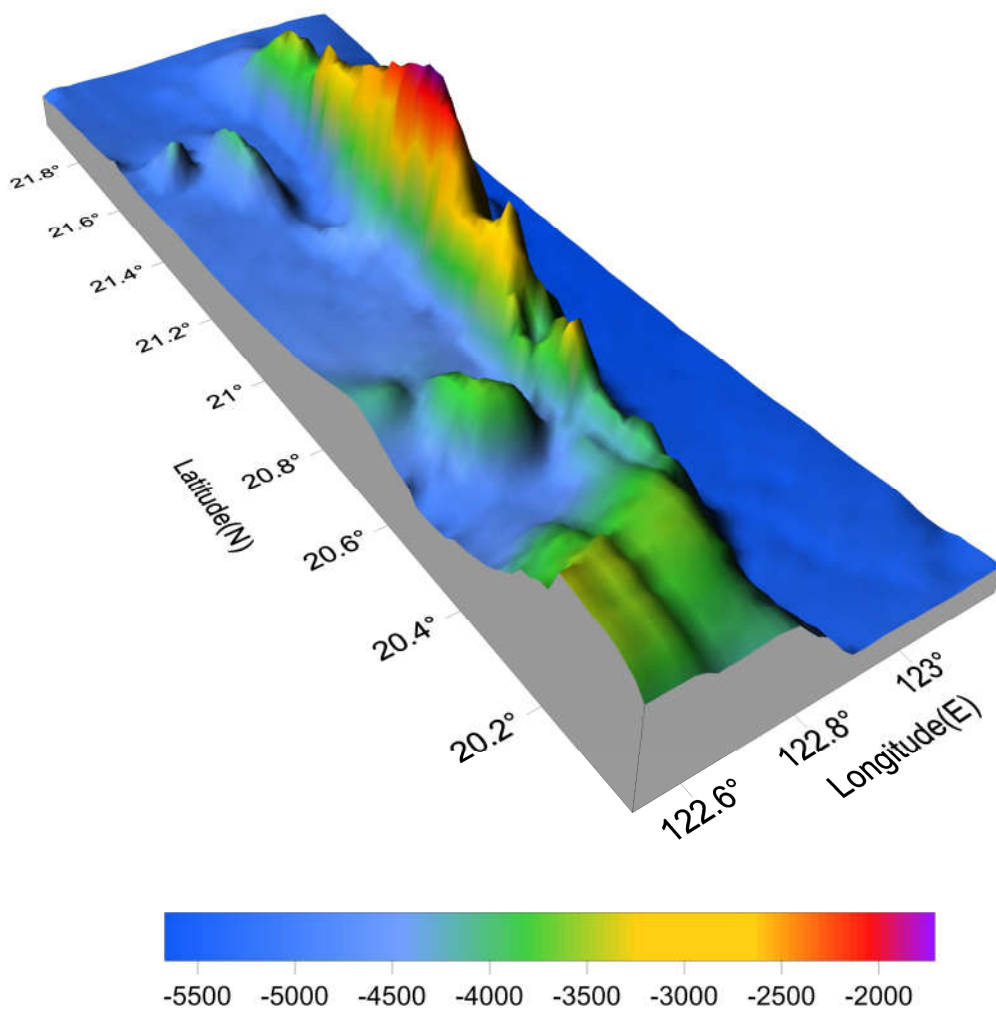


Fig.4 3-D bathymetric map of the Heming Ridge

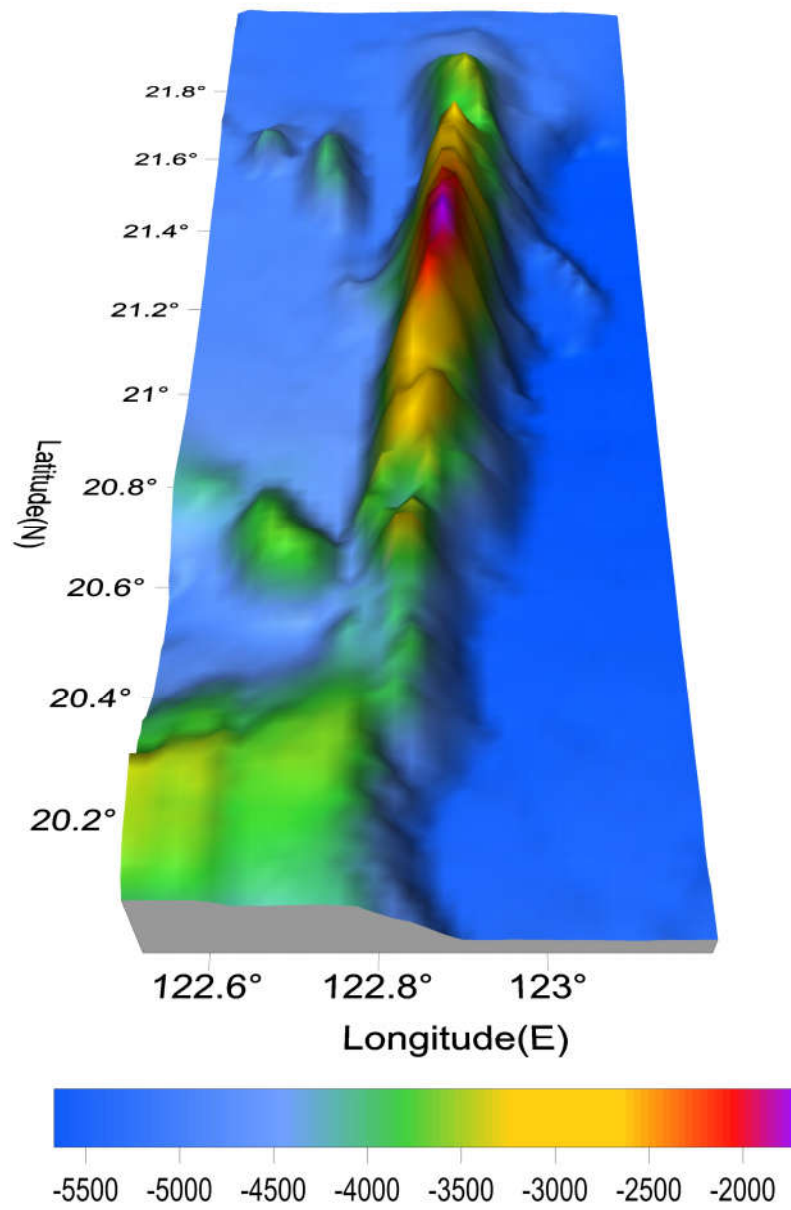


Fig.5 3-D bathymetric map of the Heming Ridge

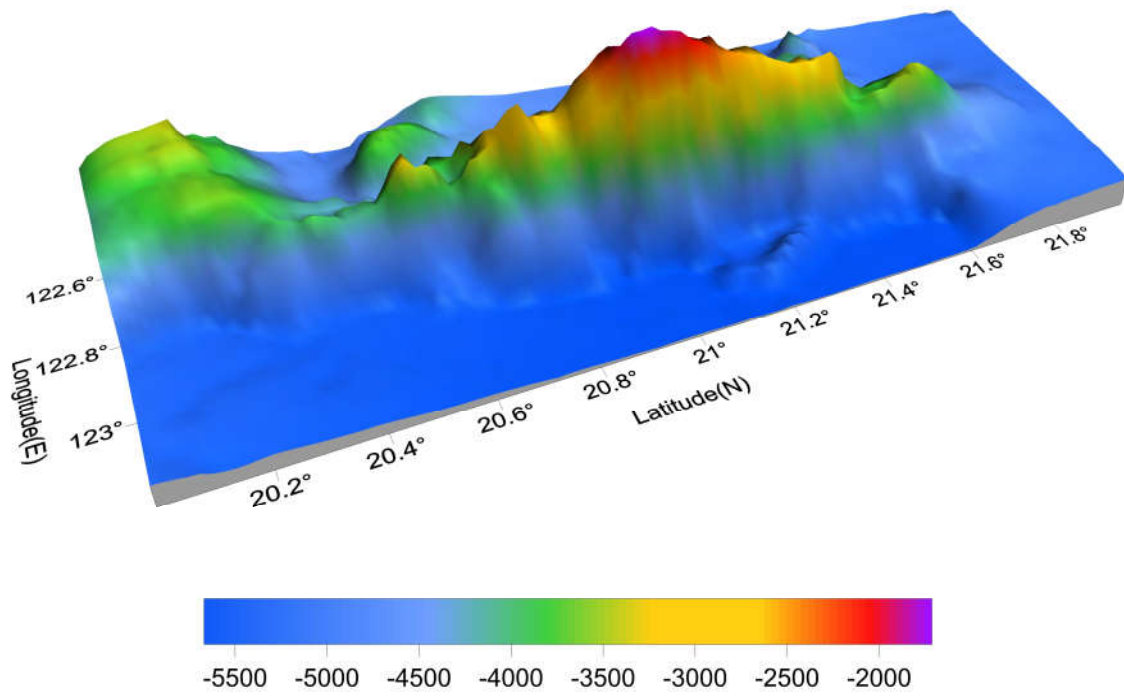


Fig.6 3-D bathymetric map of the Heming Ridge

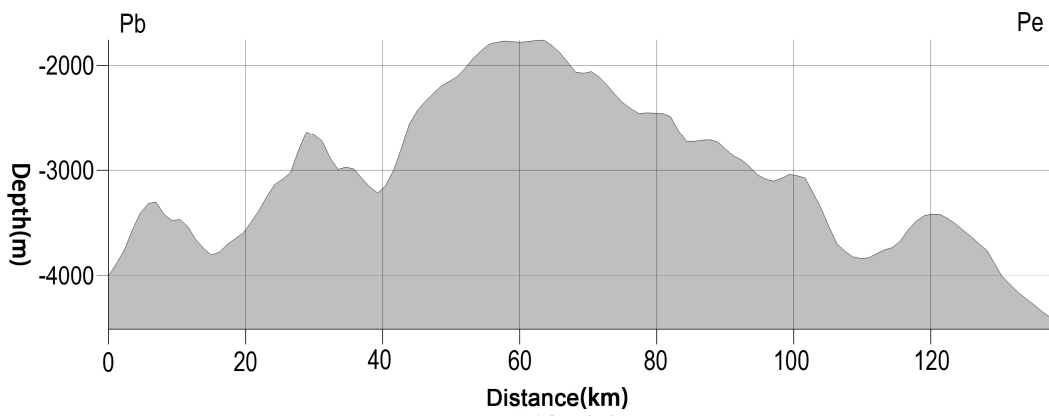
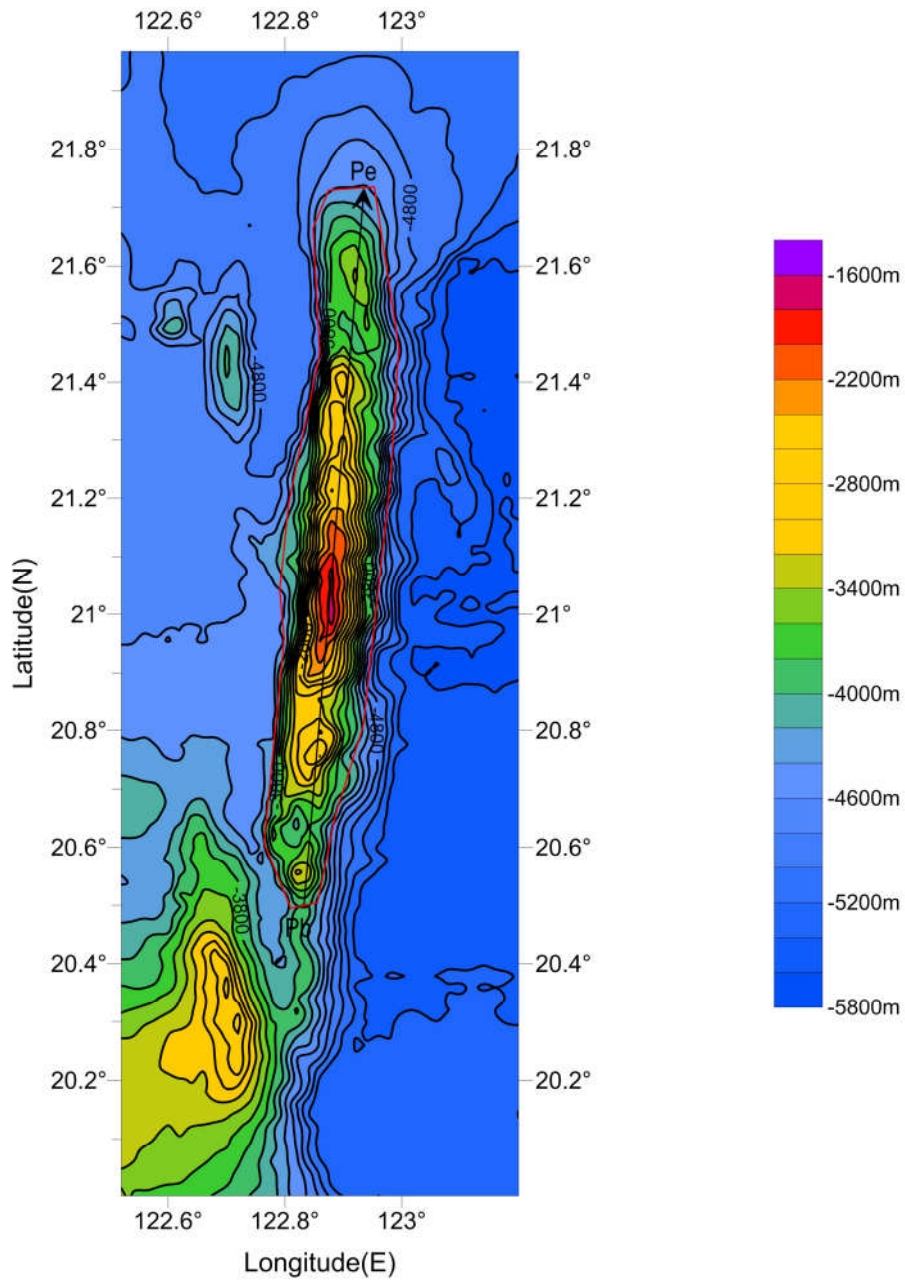


Fig.7 Profile of the Hering Ridge