NTERNATIONAL HYDROGRAPHIC ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

UNDERSEA FEATURE NAME PROPOSAL

(Sea **NOTE** overleaf)

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

Name Proposed:	Huaixu Ridge	**Ocean or Sea:**	Western Pacific Ocean

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:	16°59.9′N（summit）	129°29.3′E（summit）
	17°06.2′N（bottom）	129°26.7′E（bottom）
	17°06.5′N	129°28.5′E
	17°06.0′N	129°30.2′E
	17°03.0′N	129°32.2′E
	16°59.9′N	129°32.3′E
	16°57.3′N	129°32.3′E
	16°53.0′N	129°31.8′E
	16°49.3′N	129°31.1′E
	16°49.3′N	129°30.3′E
	16°50.8′N	129°29.0′E
	16°52.1′N	129°28.6′E
	16°53.7′N	129°26.1′E
	16°56.1′N	129°25.5′E
	16°57.3′N	129°22.1′E
	16°57.9′N	129°22.3′E
	16°58.2′N	129°25.0′E
	17°00.0′N	129°26.0′E
	17°01.6′N	129°24.7′E
	17°04.1′N	129°24.2′E
	17°06.3′N（bottom）	129°26.7′E（bottom）

Feature Description:	Maximum Depth:	5130m	Steepness :	
	Minimum Depth :	3554m	Shape :	
	Total Relief :	1576m	Dimension/Size :	39.05km×22.21km

Associated Features:	This ridge is located in the eastern part of Philippine Basin, with ellipsoid form and minimum depth 3 554m.

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)**:**	Huaixu: another name for April in Chinese lunar calendar, i.e. the beginning of the summer when Chinese scholartrees blossom. The poetic inspiring name, created by connecting month, climate and the changes of great nature, conveys the wisdom and interests of people living in the

	ancient world.

Discovery Facts:	Discovery Date:	Sep.2004
	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:	17 Apr.2017
	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 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

Attachments

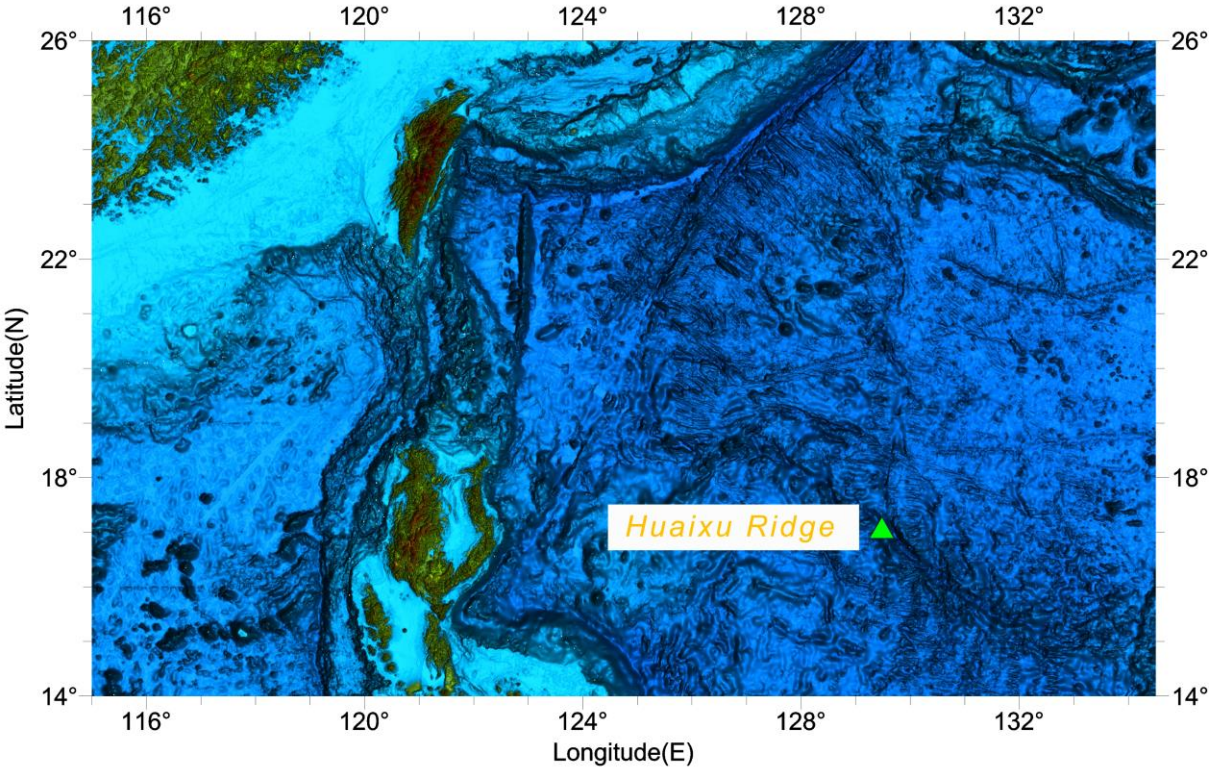

Fig.1 Index map showing the location of the Huaixu Ridge

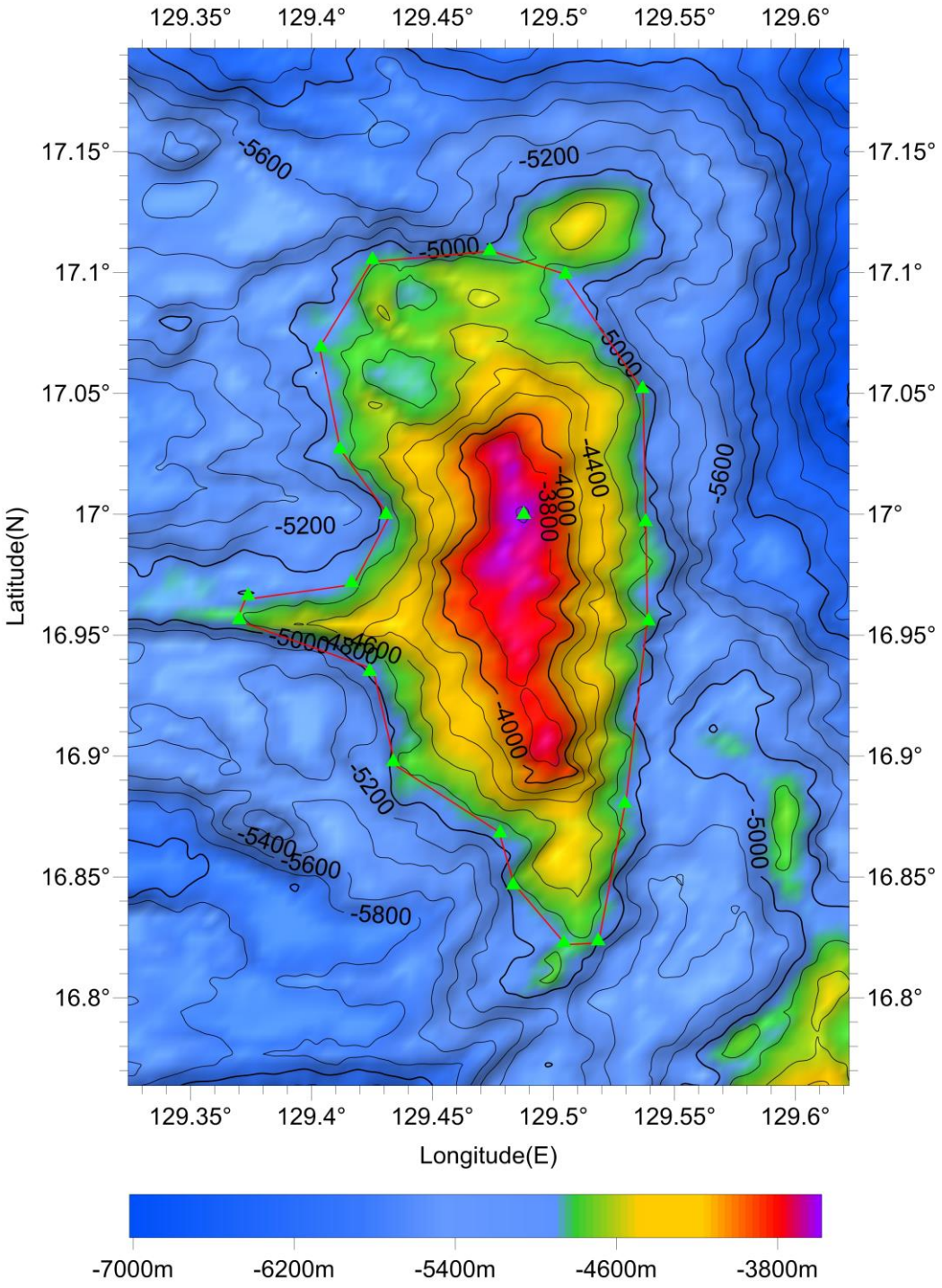

Fig.2 Bathymetric map of the Huaixu Ridge(Contours are in 200 m)

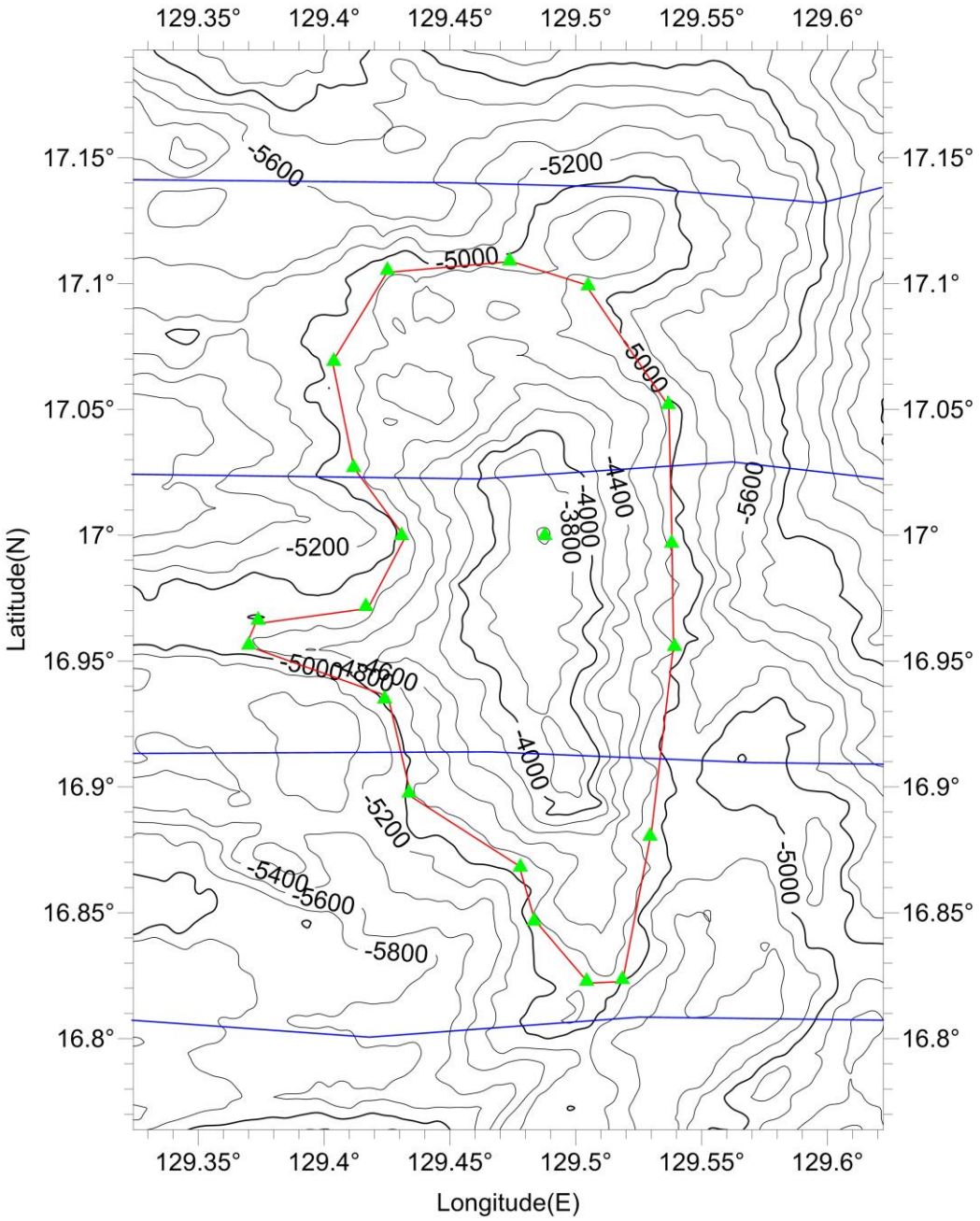

Fig.3 Bathymetric map of the Huaixu Ridge, showing track lines.
(Contours are in 200 m)

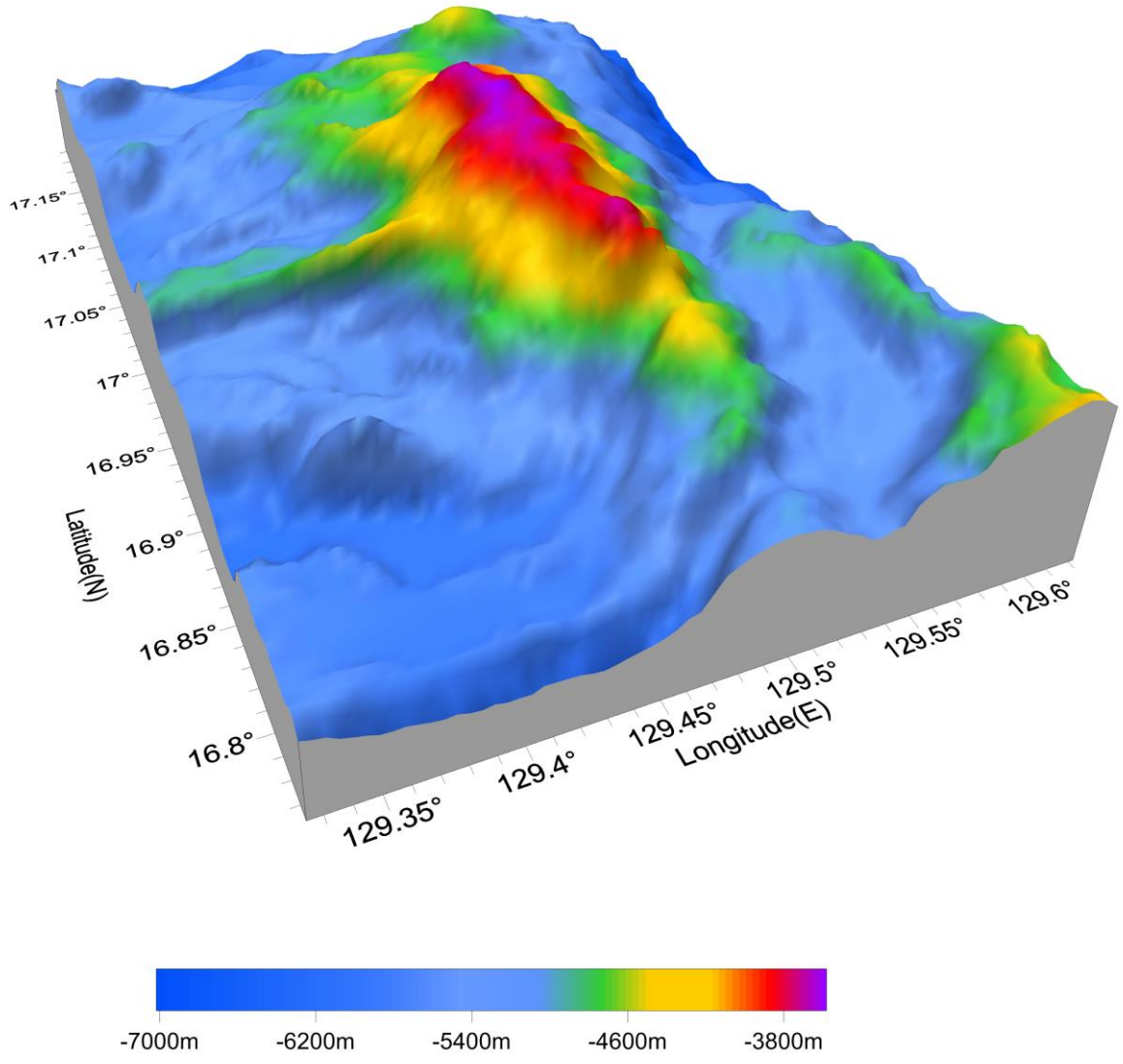

Fig.4 3-D bathymetric map of the Huaixu Ridge

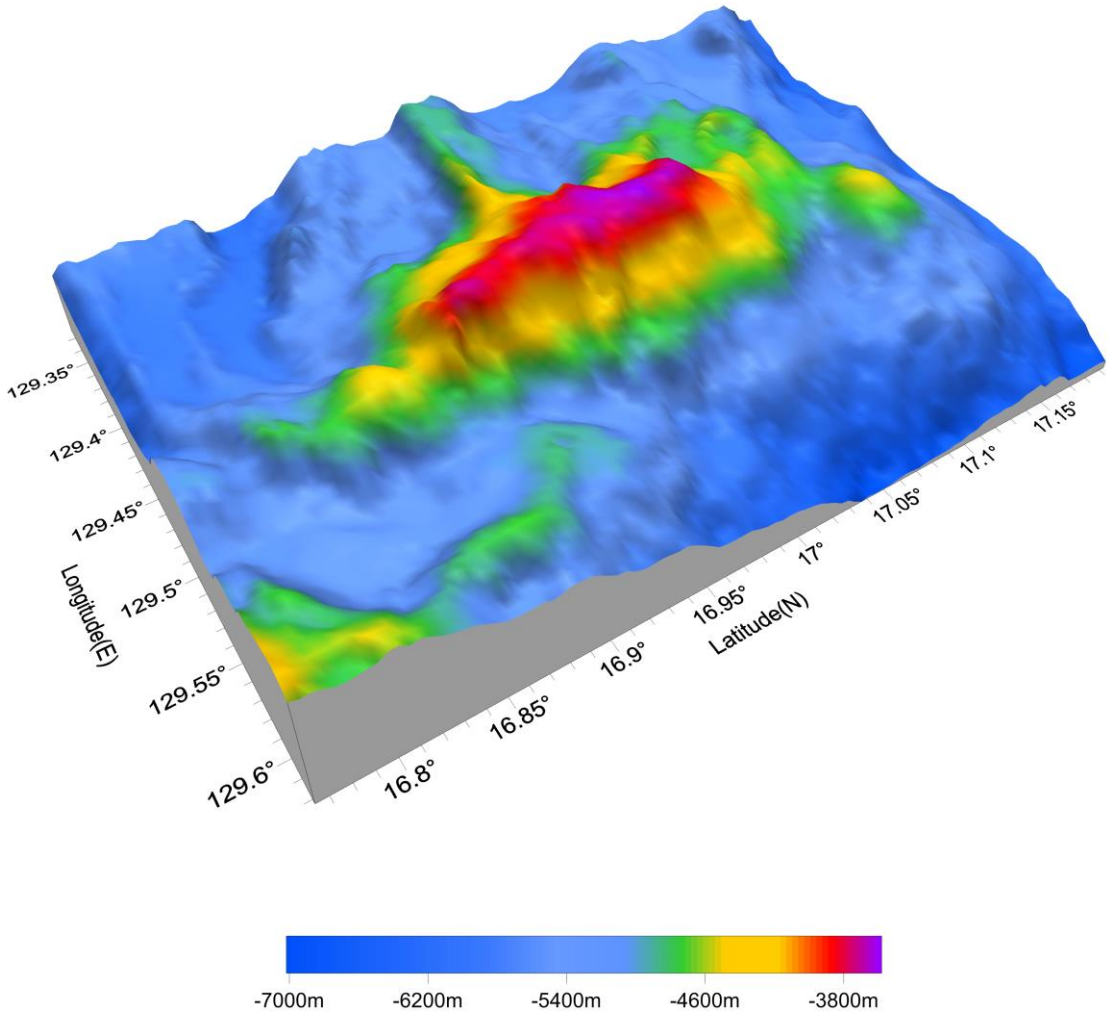

Fig.5 3-D bathymetric map of the Huaixu Ridge

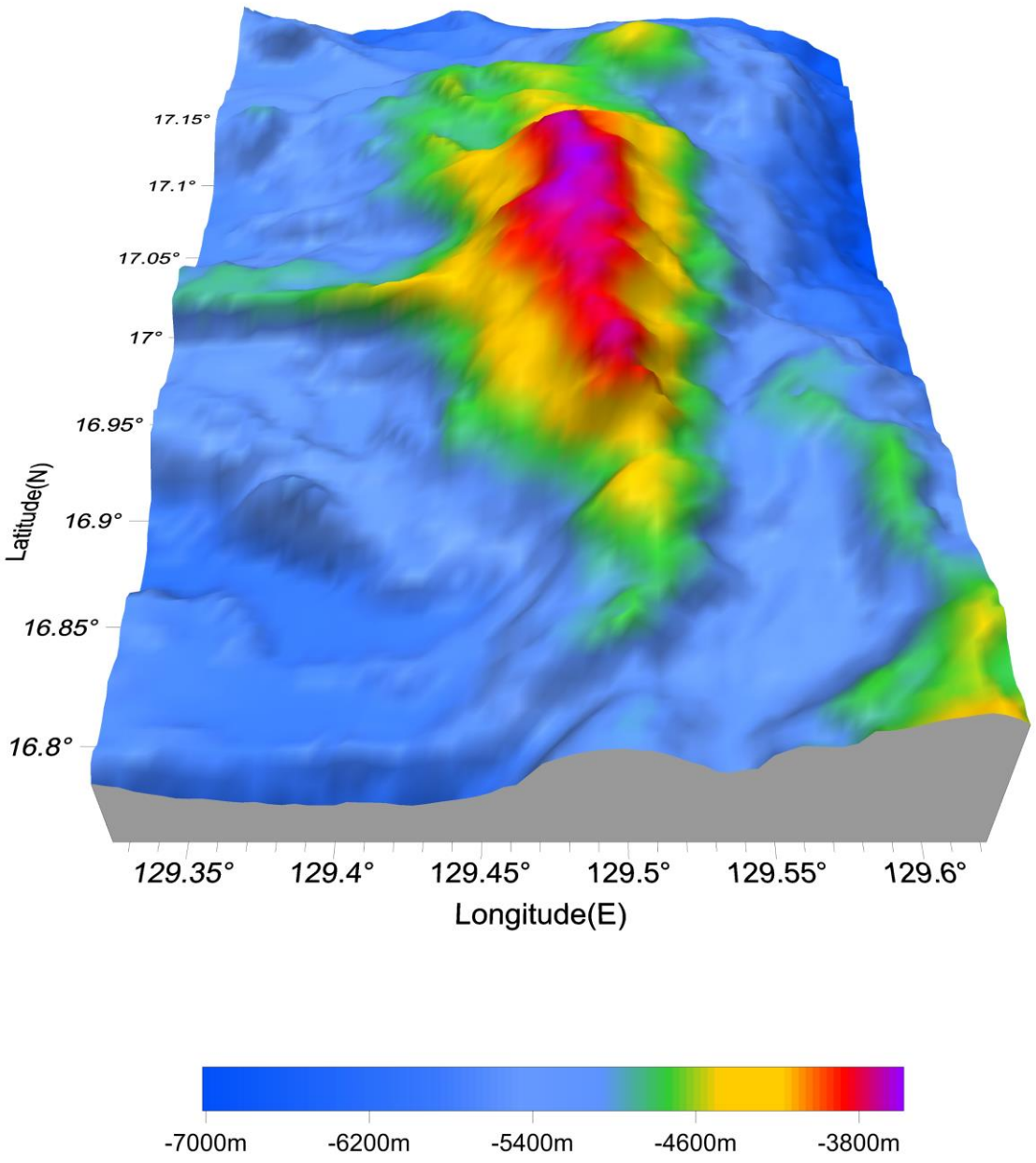

Fig.6 3-D bathymetric map of the Huaixu Ridge

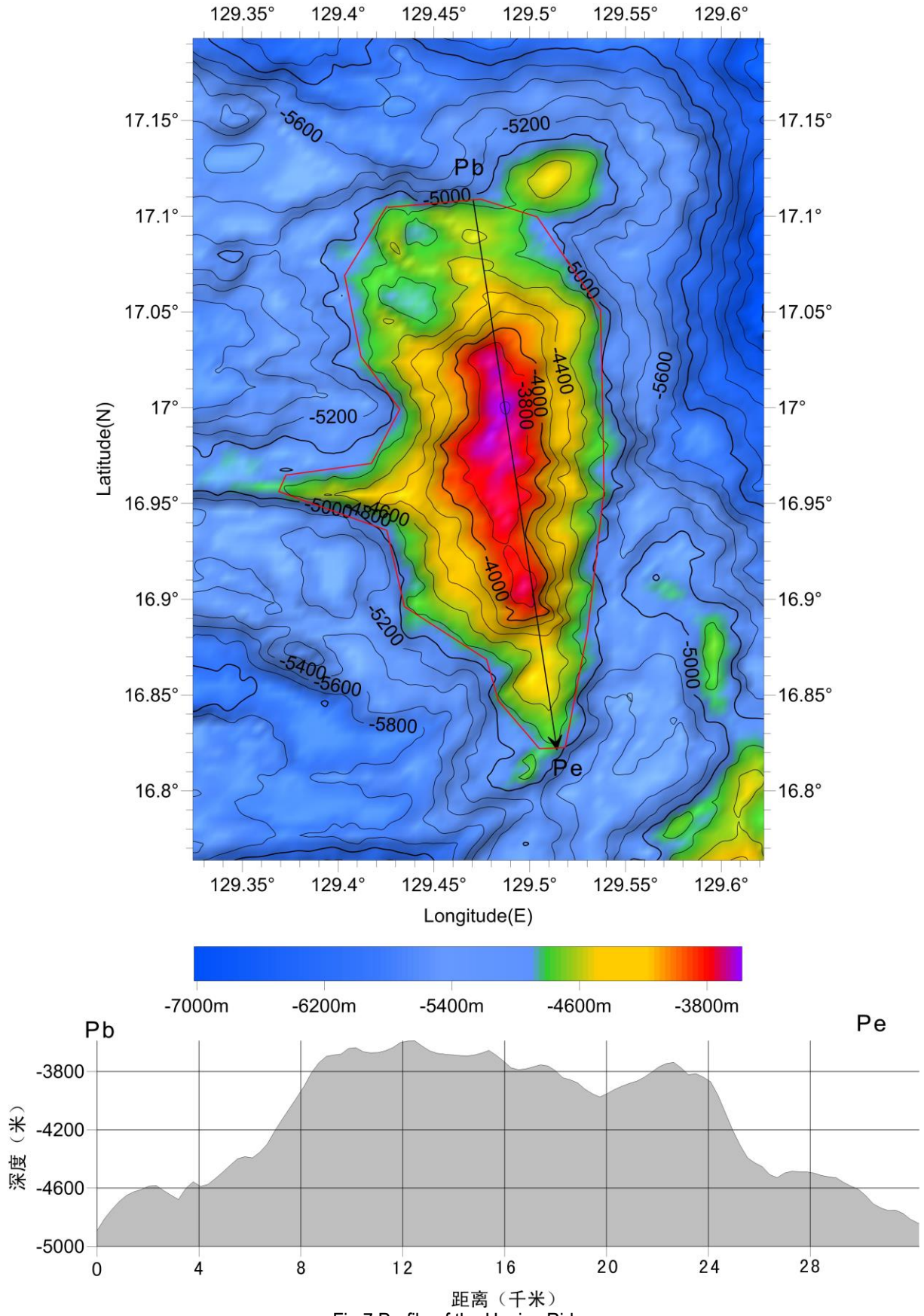

Fig.7 Profile of the Huaixu Ridge