

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Mingtiao 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:	17°31.5'N (Summit)	129°36.4'E (Summit)
	17°16.5'N (Bottom)	129°37.1'E (Bottom)
	17°17.3'N	129°37.2'E
	17°18.9'N	129°37.2'E
	17°20.2'N	129°37.6'E
	17°21.3'N	129°37.4'E
	17°22.2'N	129°37.7'E
	17°23.4'N	129°37.2'E
	17°25.7'N	129°37.3'E
	17°26.9'N	129°36.8'E
	17°29.4'N	129°37.6'E
	17°31.3'N	129°37.4'E
	17°32.5'N	129°36.4'E
	17°33.7'N	129°36.4'E
	17°36.0'N	129°36.7'E
	17°38.0'N	129°36.2'E
	17°38.9'N	129°36.0'E
	17°40.3'N	129°34.9'E
	17°40.5'N	129°34.5'E
	17°37.5'N	129°33.8'E
	17°35.8'N	129°34.6'E
	17°34.6'N	129°34.8'E
	17°33.8'N	129°34.6'E
17°30.4'N	129°35.1'E	
17°27.8'N	129°35.4'E	
17°26.1'N	129°35.6'E	
17°24.1'N	129°35.8'E	
17°21.8'N	129°36.0'E	
17°19.4'N	129°36.4'E	
17°17.1'N	129°36.6'E	
17°16.5'N (Bottom)	129°37.1'E (Bottom)	

Feature Description:	Maximum Depth:	5311m	Steepness :	
	Minimum Depth :	4594m	Shape :	Fusiform
	Total Relief :	717m	Dimension/Size :	49.9km×13.7km

Associated Features:	This ridge is located in the eastern part of Philippine Basin, which is about 29 km to the northern part of Nangong Ridge.
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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):	We name the 7 features in the same area after alternative names of twelve months in Chinese lunar calendar. We named Nangong Hill, Juyue Seamount and Zichun Hills in 2018. Nangong, Juyue and Zichun are respectively alternative names of August, September and October in Chinese lunar calendar. Mingtiao Ridge is near the three features. Mingtiao is an alternative name of May.
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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):	<=0.08nm
	Survey Track Spacing:	6nm
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	Xu Jinde
	Date:	10 May.2019
	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:	This proposal has been reviewed and approved by China Subcommittee on Undersea Feature Names (CCUFN). No.64 Fuchengmennei Street, Xicheng District, Beijing, China, 100812 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 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

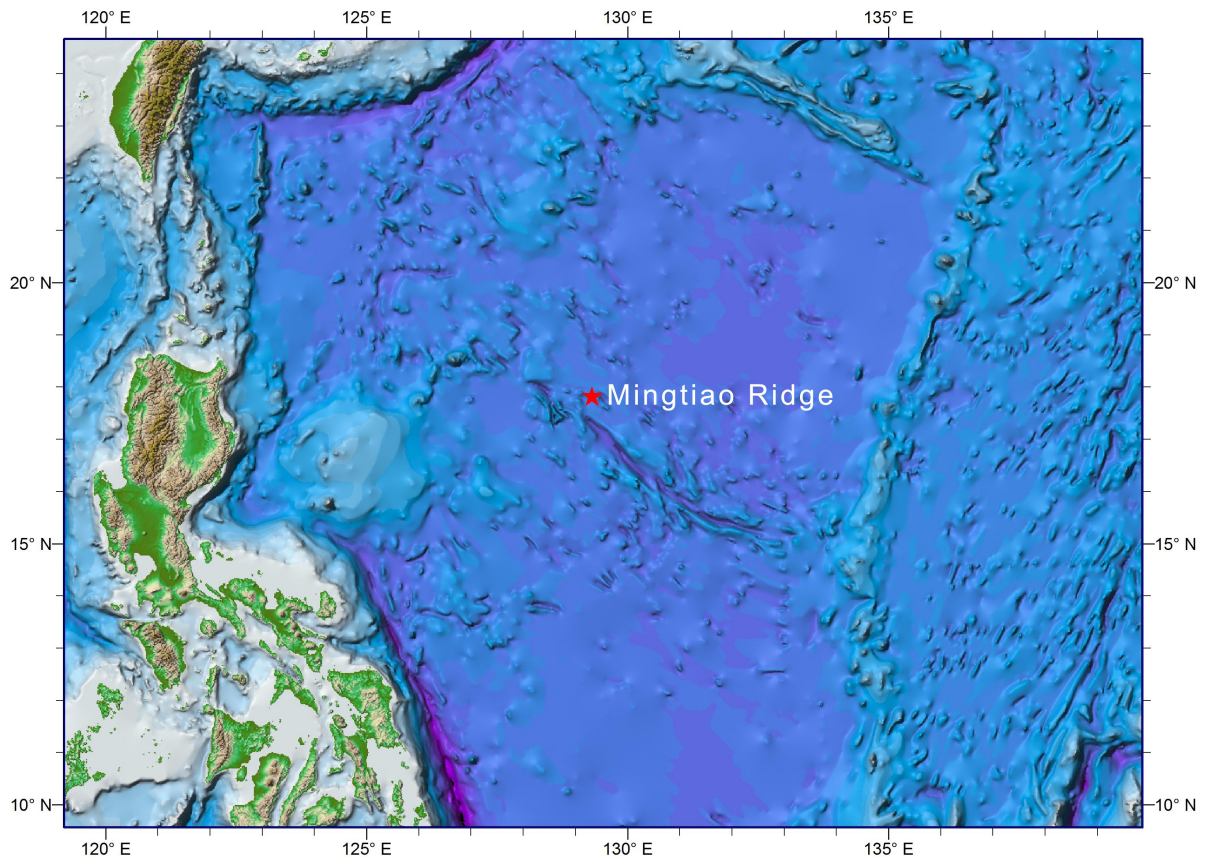
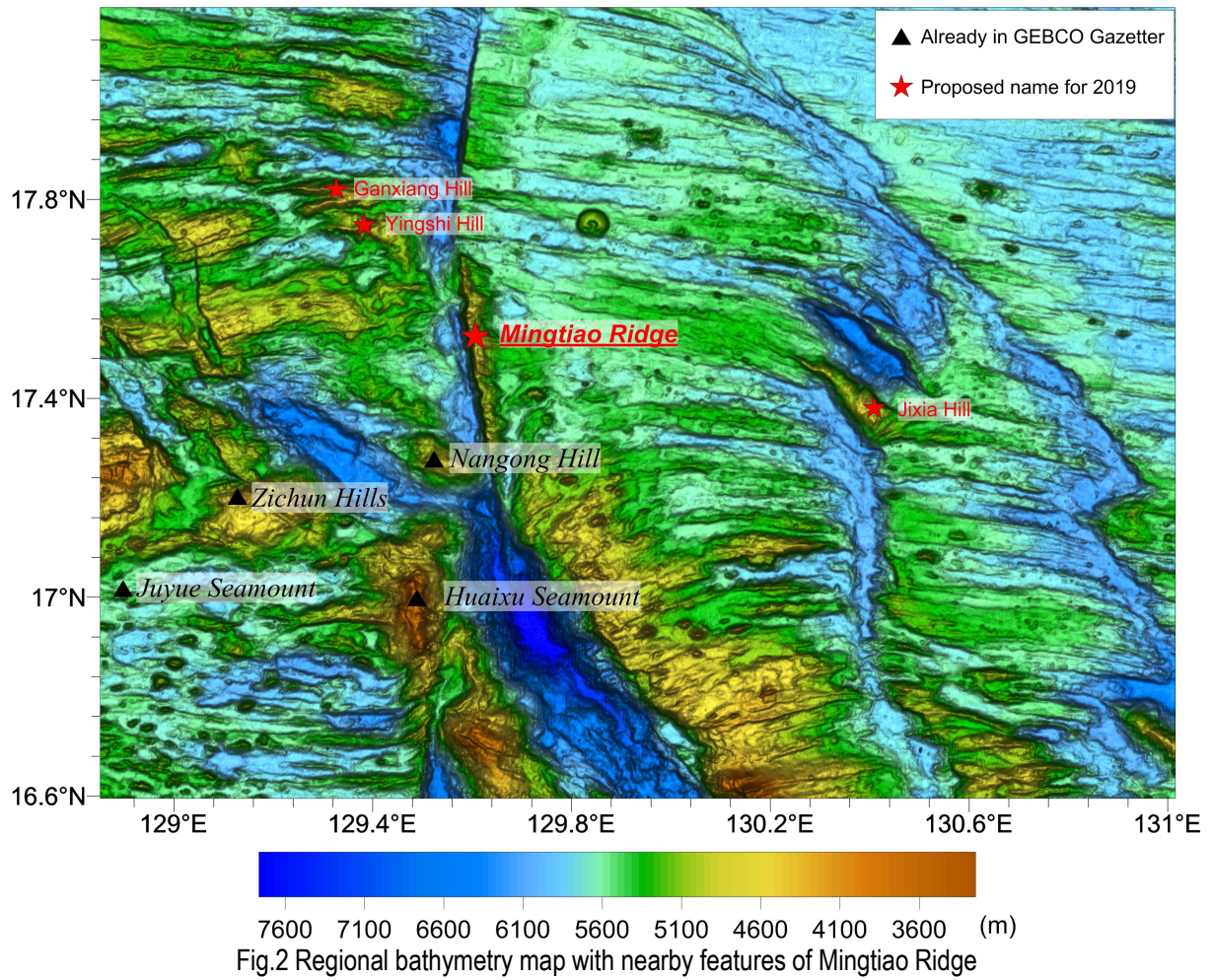


Fig.1 Index map showing the location of the Mingtiao Ridge



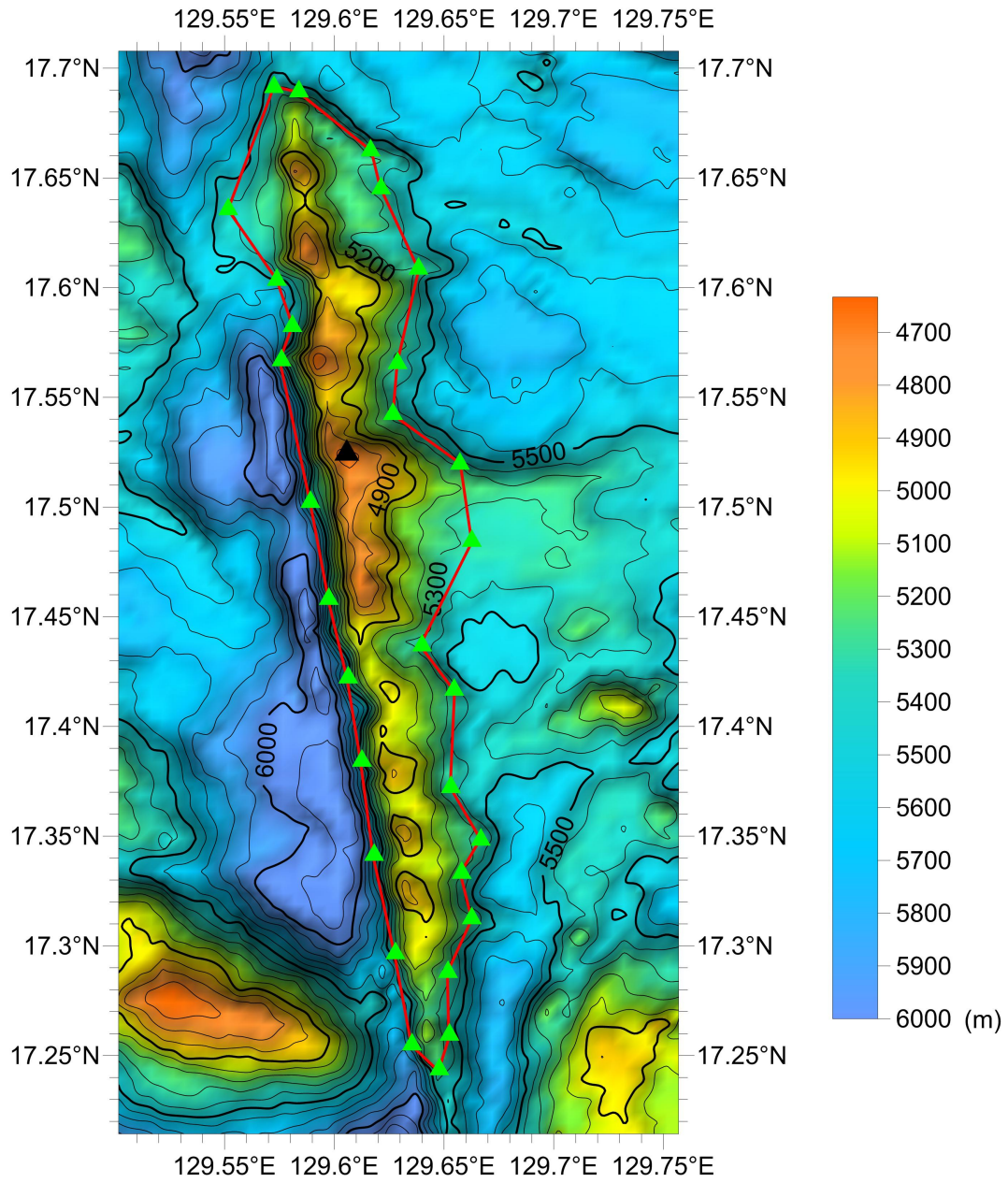
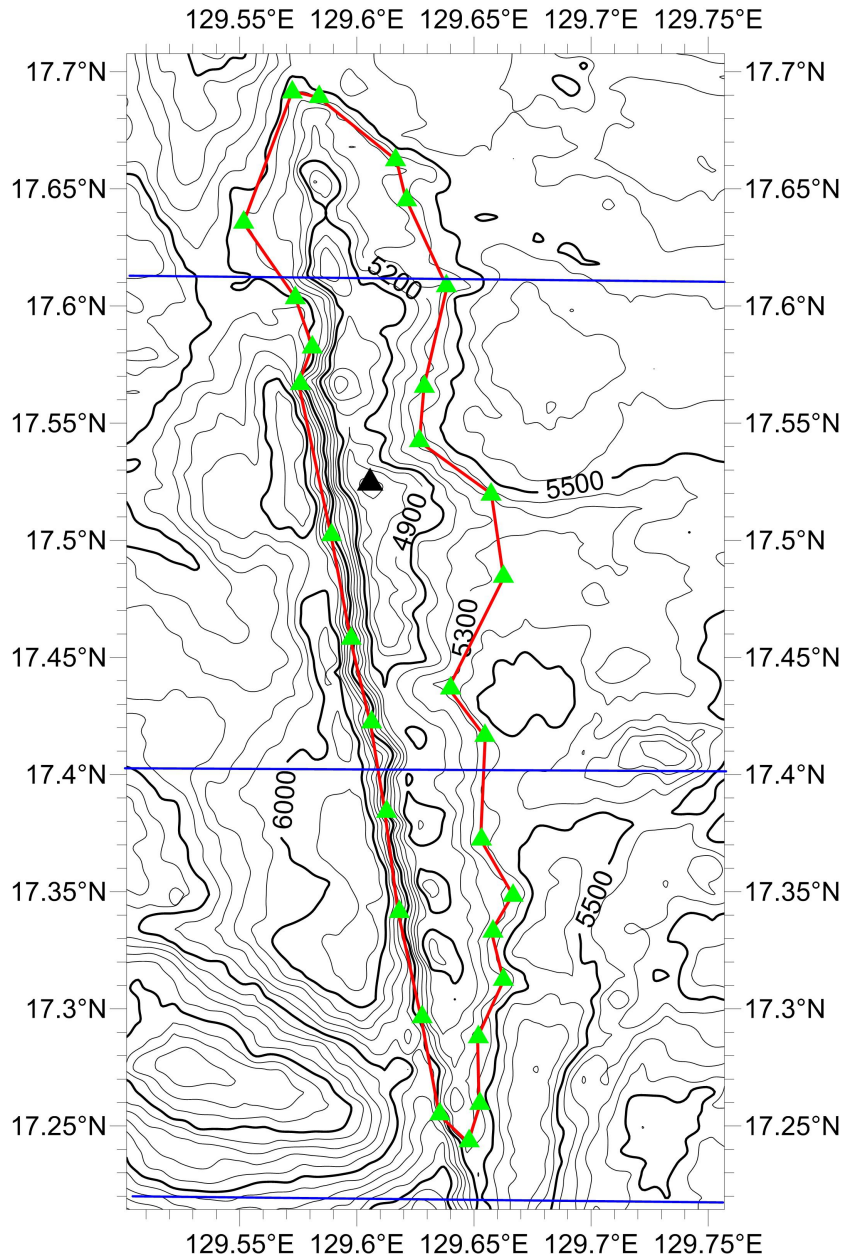


Fig.3 Bathymetric map of the Mingtiao Ridge (Contours are in 100 m)



129.55°E 129.6°E 129.65°E 129.7°E 129.75°E
Fig.4 Bathymetric map of the Mingtiao Ridge, showing track lines.
(Contours are in 100 m)

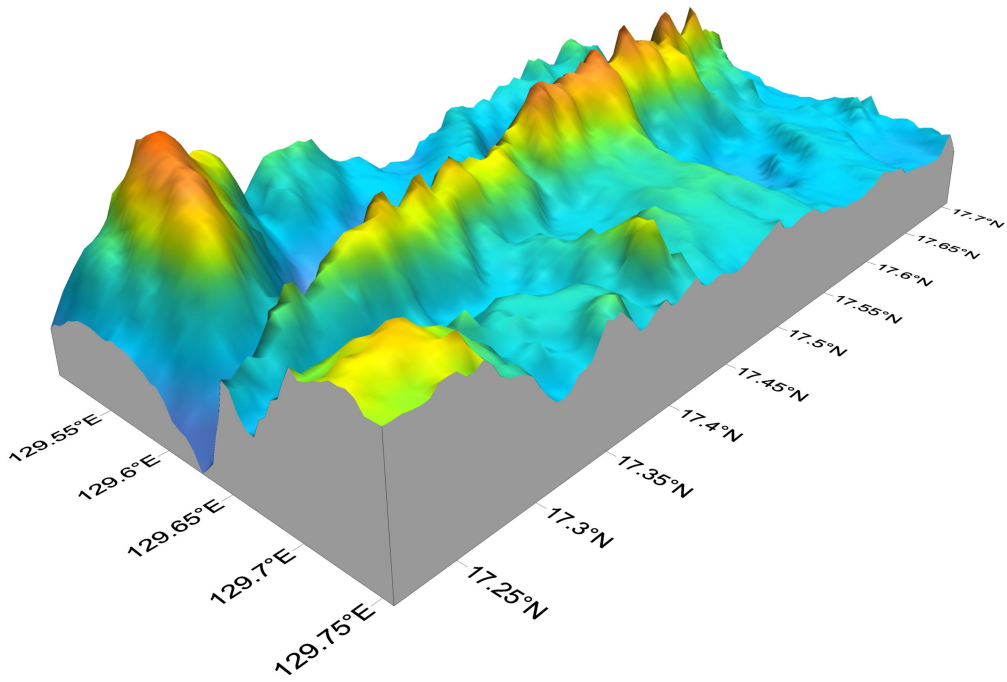


Fig.5 3-D bathymetric map of the Mingtiao Ridge

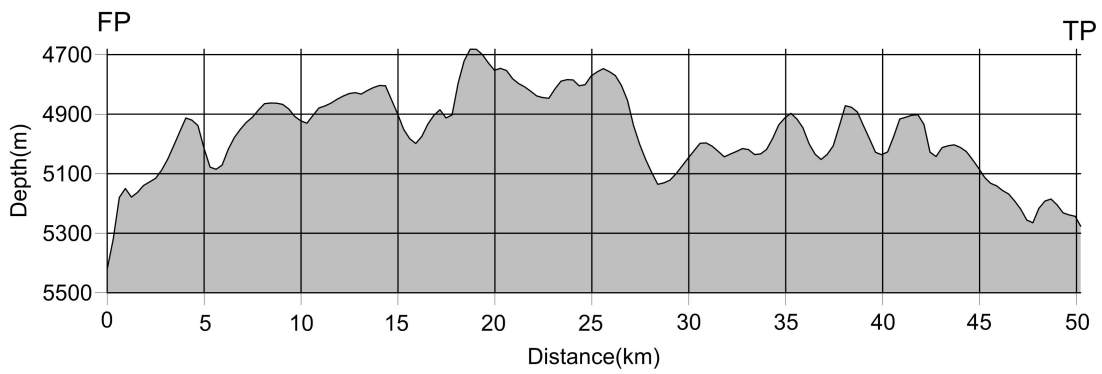
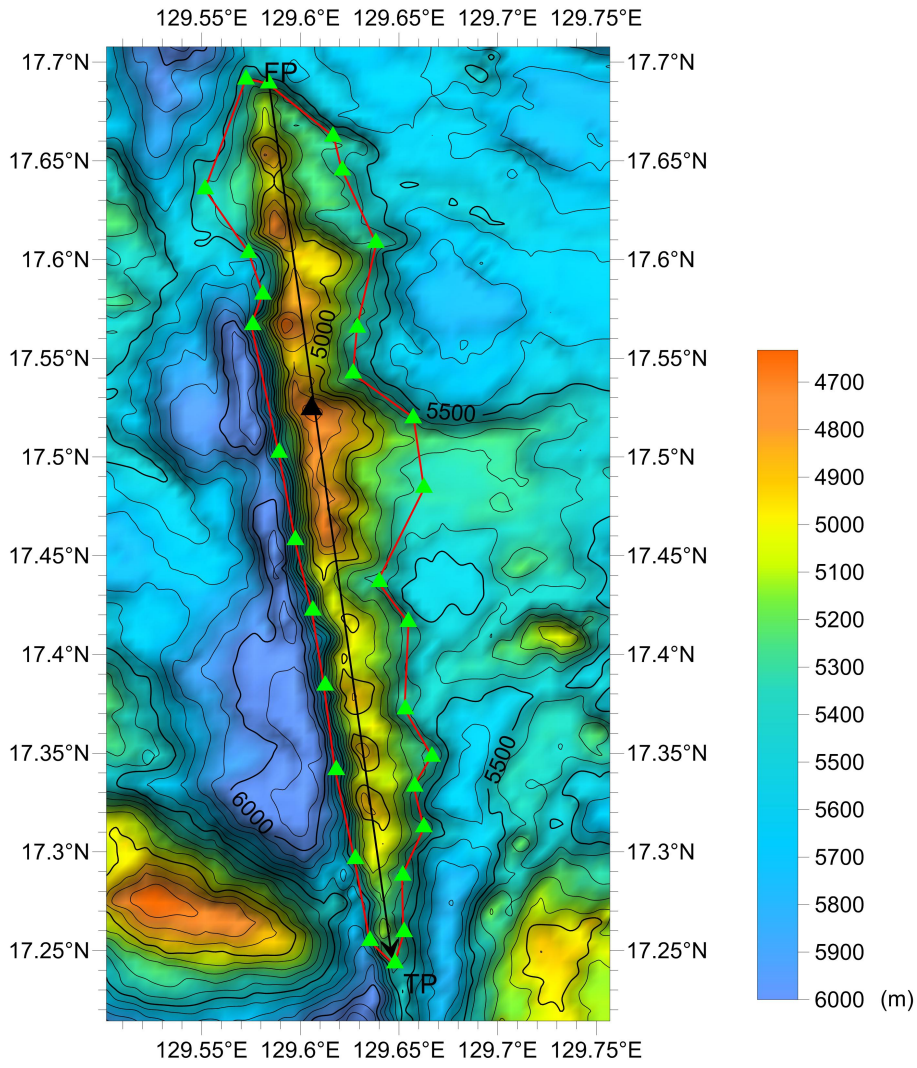


Fig.6 Profile of the Mingtiao Ridge