

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Huankuan Hill	Ocean or Sea:	East 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:	09°14.4'N (Top)	156°50.5'W (Top)
	09°13.0'N (Bottom)	156°51.3'W (Bottom)
	09°13.1'N	156°52.1'W
	09°13.6'N	156°52.5'W
	09°14.2'N	156°52.6'W
	09°14.8'N	156°52.3'W
	09°15.4'N	156°51.9'W
	09°16.0'N	156°51.5'W
	09°16.5'N	156°51.1'W
	09°16.6'N	156°50.7'W
	09°16.4'N	156°50.3'W
	09°16.0'N	156°49.8'W
	09°15.6'N	156°49.3'W
	09°15.1'N	156°48.9'W
	09°14.5'N	156°48.9'W
	09°13.9'N	156°49.0'W
	09°13.4'N	156°49.4'W
	09°13.2'N	156°49.9'W
	09°13.3'N	156°50.5'W
	09°13.0'N (Bottom)	156°51.3'W (Bottom)

Feature Description:	Maximum Depth:	5100m	Steepness :	
	Minimum Depth :	4500m	Shape :	
	Total Relief :	600m	Dimension/Size :	5km×5km

Associated Features:	Huankuan Hill is located in East Pacific Ocean. It has a peach-shaped overlook plane shape.
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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):	Huankuan is a famous economist of Han dynasty of China (206 BC to 8 AD). He wrote a book “Yan Tie Lun” (A Theory of Salt and Iron).
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Discovery Facts:	Discovery Date:	Sep-Nov. 2017
	Discoverer (Individual, Ship):	Chinese R/V Xiang Yang Hong No.6

Supporting Survey Data, including Track Controls:	Date of Survey:	Sep-Nov. 2017
	Survey Ship:	Chinese R/V Xiang Yang Hong No.6
	Sounding Equipment:	Multi-beam Echo Sounding System (EM122)
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	0.0005nm
	Survey Track Spacing:	5 nm
	Supporting material can be submitted as Annex in analog or digital form. See Annex	

Proposer(s):	Name(s):	China Minmetals Corporation
	Date:	Apr 08. 2018
	E-mail:	support@minmetals.com
	Organization and Address:	Wu Kuang Square A Building.No.3Chaoyangmen North Street, Dongcheng District, Beijing
	Concurrer (name, e-mail, organization and address):	

Remarks:	This proposal has been reviewed and approved by China Subcommittee on Undersea Feature Names (CCUFN). No.1 Fuxingmenwai Street, Xicheng District, Beijing, China, 100860 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 <u>Principality of MONACO</u> Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS <u>France</u> Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
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ANNEX

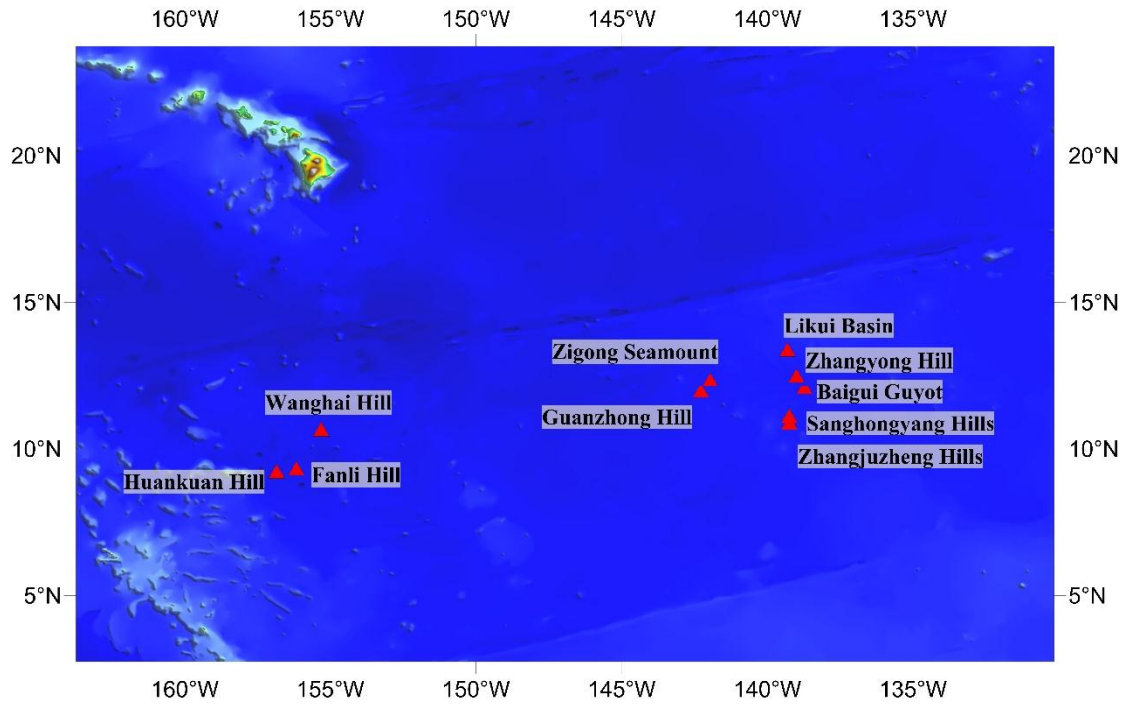


Fig. 1 Location of the Huankuan Hill

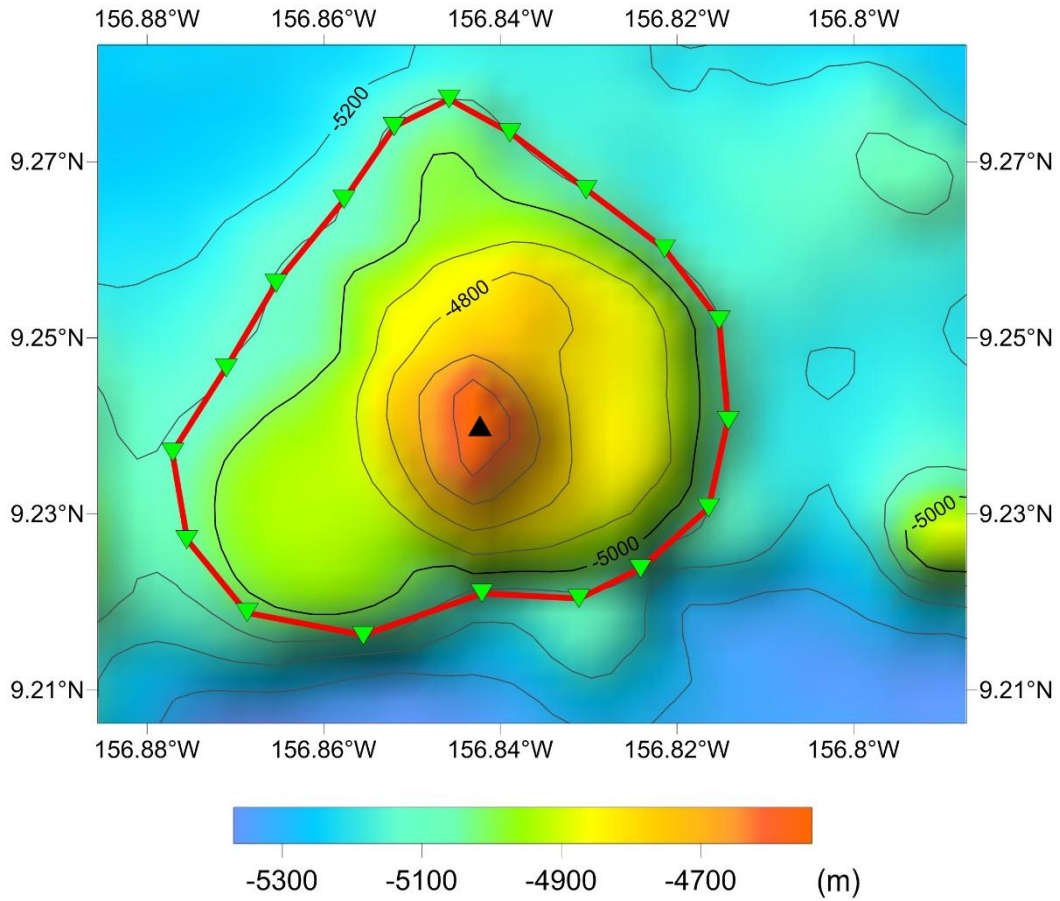


Fig. 2 Bathymetric map of the Huankuan Hill (the contour interval is 100 m)

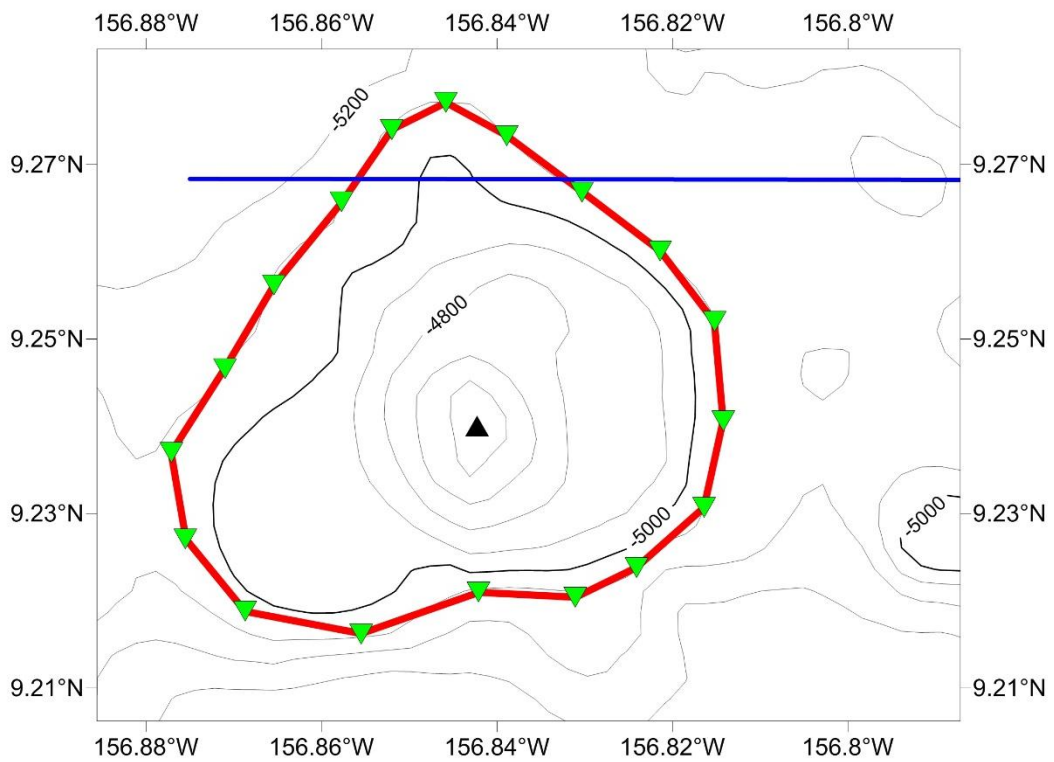


Fig. 3 Bathymetric and survey line map of the Huankuan Hill(the contour interval is 100 m, blue ones are survey lines)

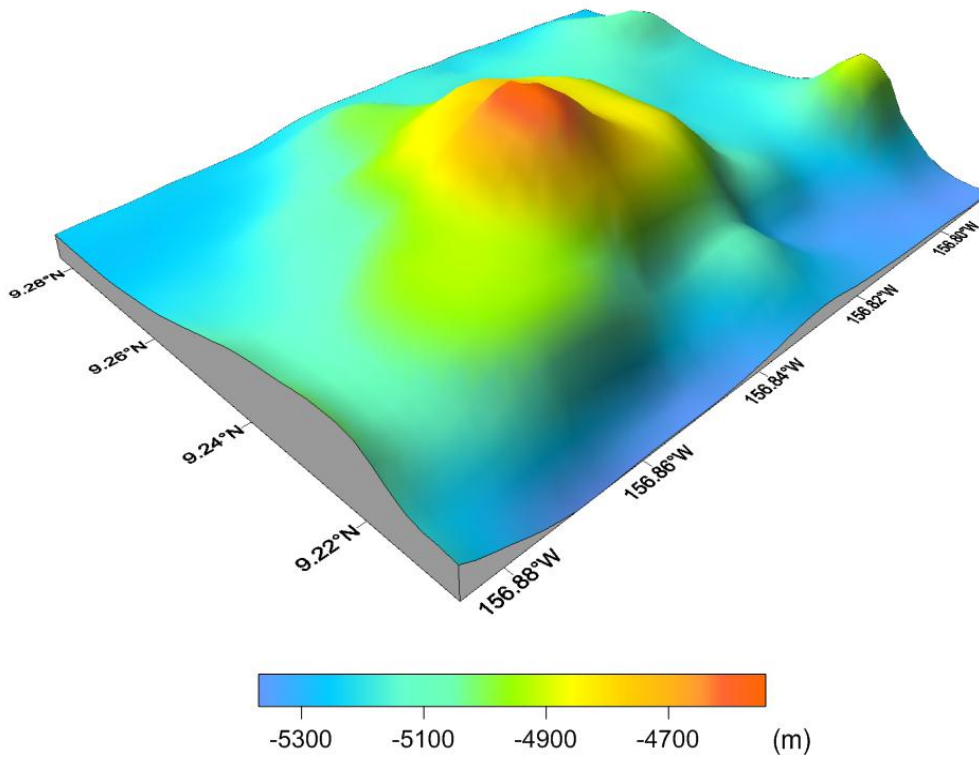


Fig. 4 3-D topography map of the Huankuan Hill

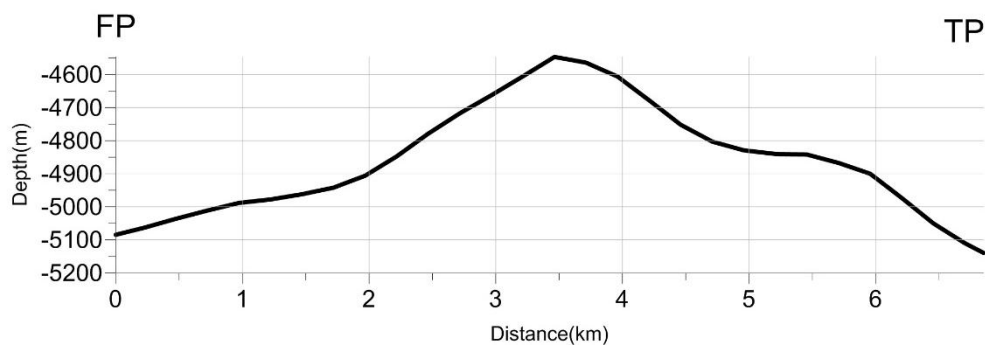
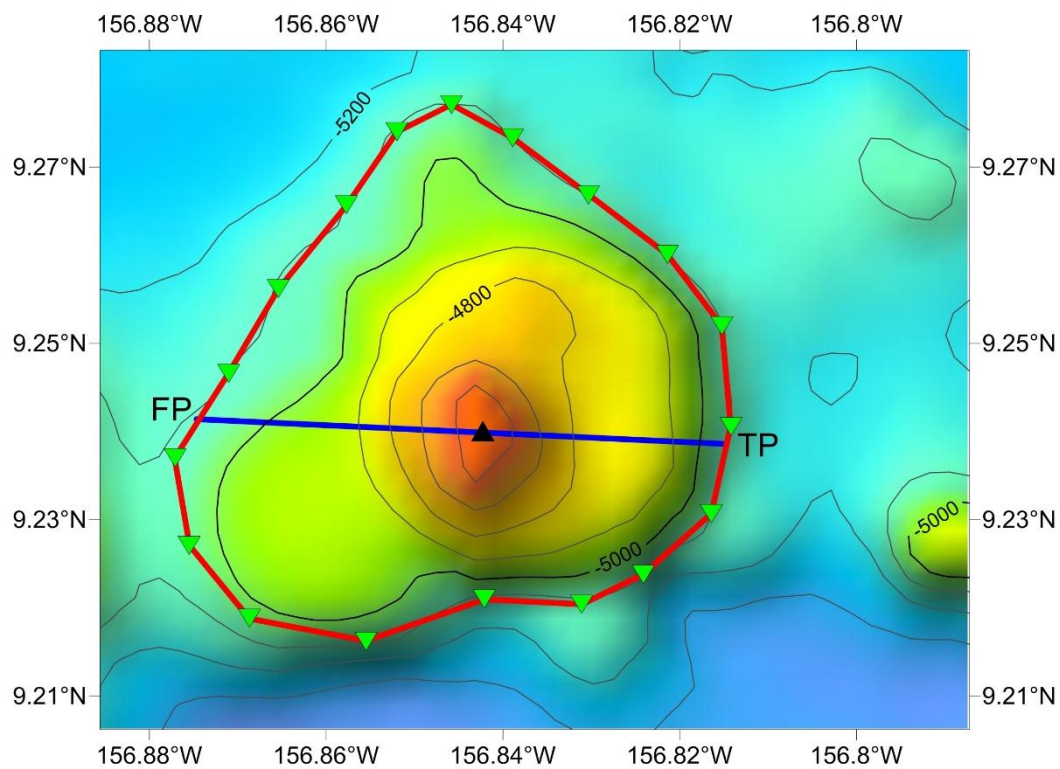


Fig. 5 Profile map of the Huankuan Hill