

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Zigong Seamount	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:	12°21.3'N (Summit)	141°57.6'W (Summit)
	12°21.7'N (Bottom)	142°00.0'W (Bottom)
	12°22.6'N	141°59.6'W
	12°23.1'N	141°58.7'W
	12°23.5'N	141°58.0'W
	12°23.7'N	141°57.1'W
	12°23.4'N	141°56.2'W
	12°22.6'N	141°55.5'W
	12°21.5'N	141°55.1'W
	12°20.2'N	141°55.2'W
	12°19.3'N	141°55.4'W
	12°18.6'N	141°55.9'W
	12°18.3'N	141°57.0'W
	12°18.6'N	141°58.5'W
	12°19.4'N	141°59.5'W
12°20.6'N	142°00.1'W	
12°21.7'N (Bottom)	142°00.0'W (Bottom)	

Feature Description:	Maximum Depth:	4800m	Steepness :	
	Minimum Depth :	3600m	Shape :	
	Total Relief :	1200m	Dimension/Size :	10km×10km

Associated Features:	Zigong Seamount is located in East Pacific Ocean. It has a round 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):	Zigong (B.C.520—B.C.456) is a famous thinker and businessman of the Spring and Autumn period. He is also a well-known student of Confucius.
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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.3 Chaoyangmen North Street, Dongcheng District, Beijing
	Concurren (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 :

<p>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</p>	<p>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</p>
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ANNEX

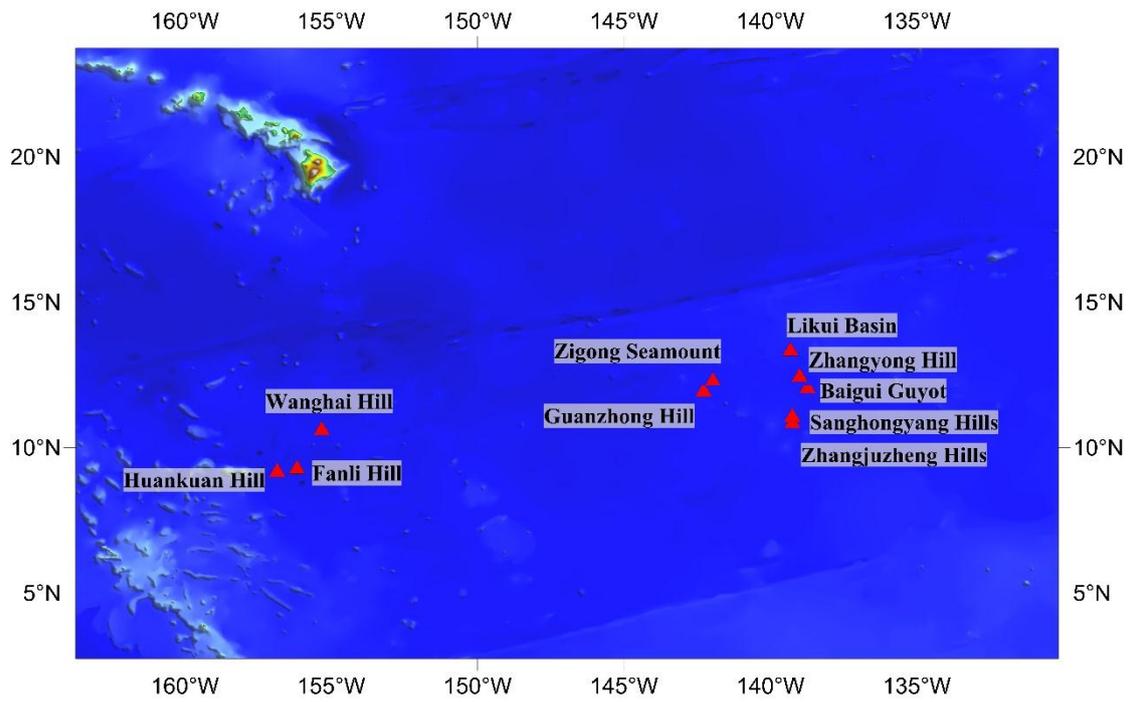


Fig. 1 Location of the Zigong Seamount

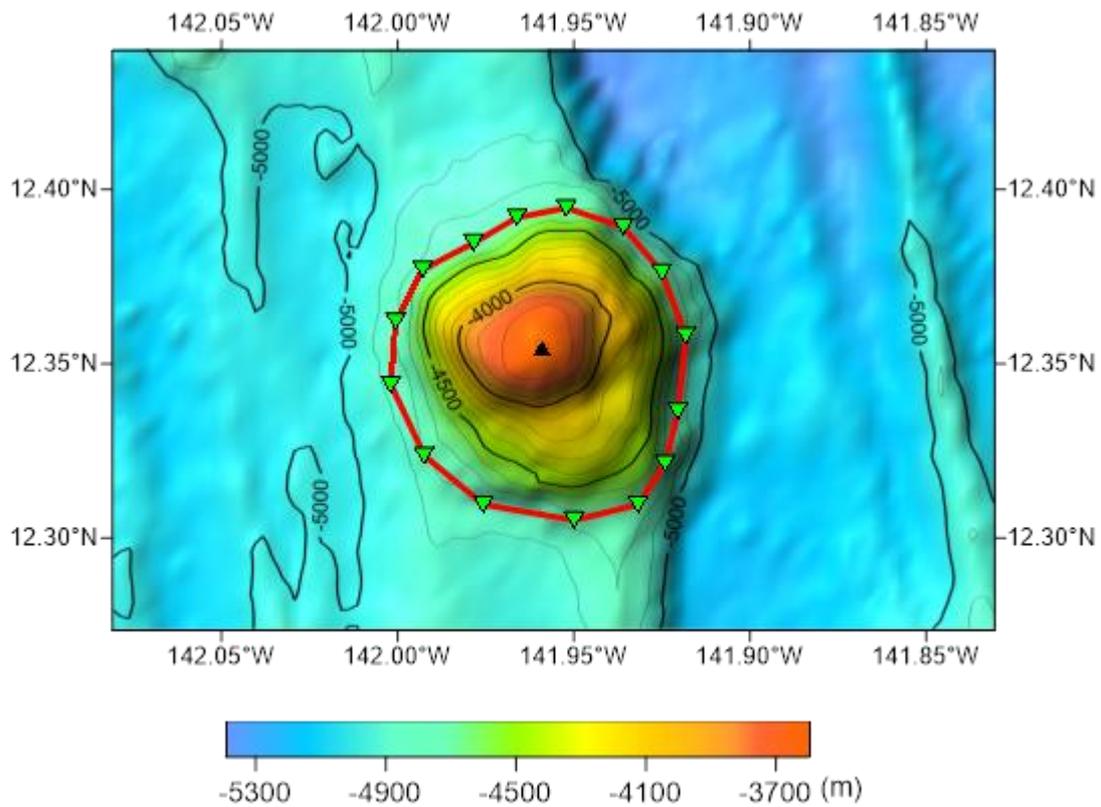


Fig. 2 Bathymetric map of the Zigong Seamount (the contour interval is 100 m)

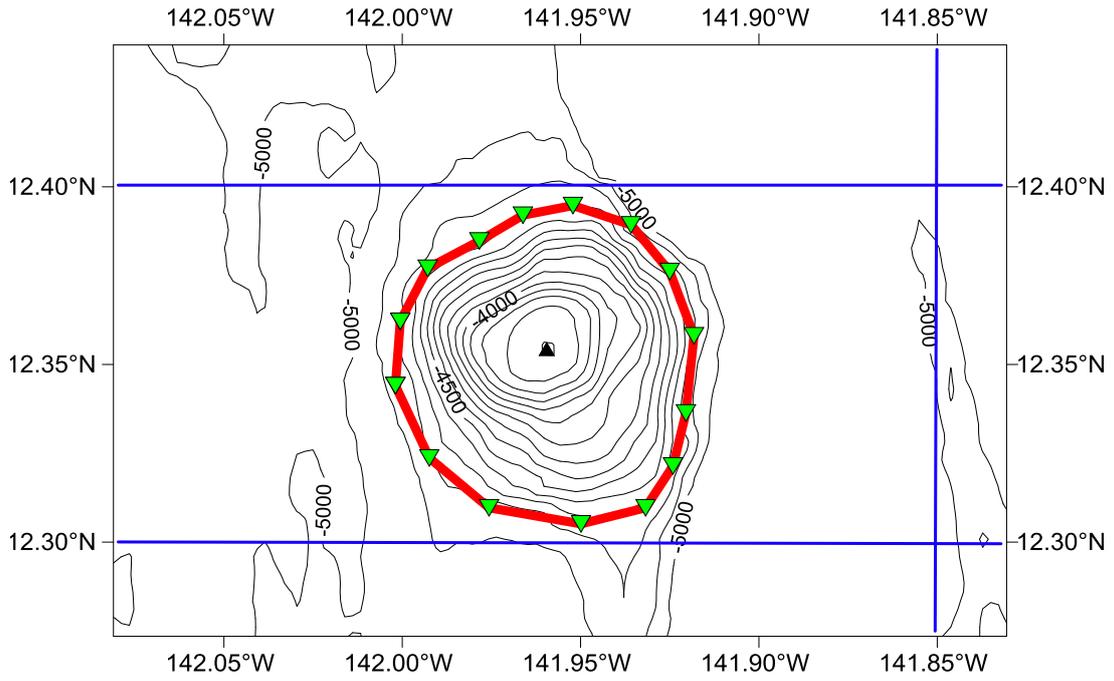


Fig. 3 Bathymetric and survey line map of the Zigong Seamount(the contour interval is 100 m, blue ones are survey lines)

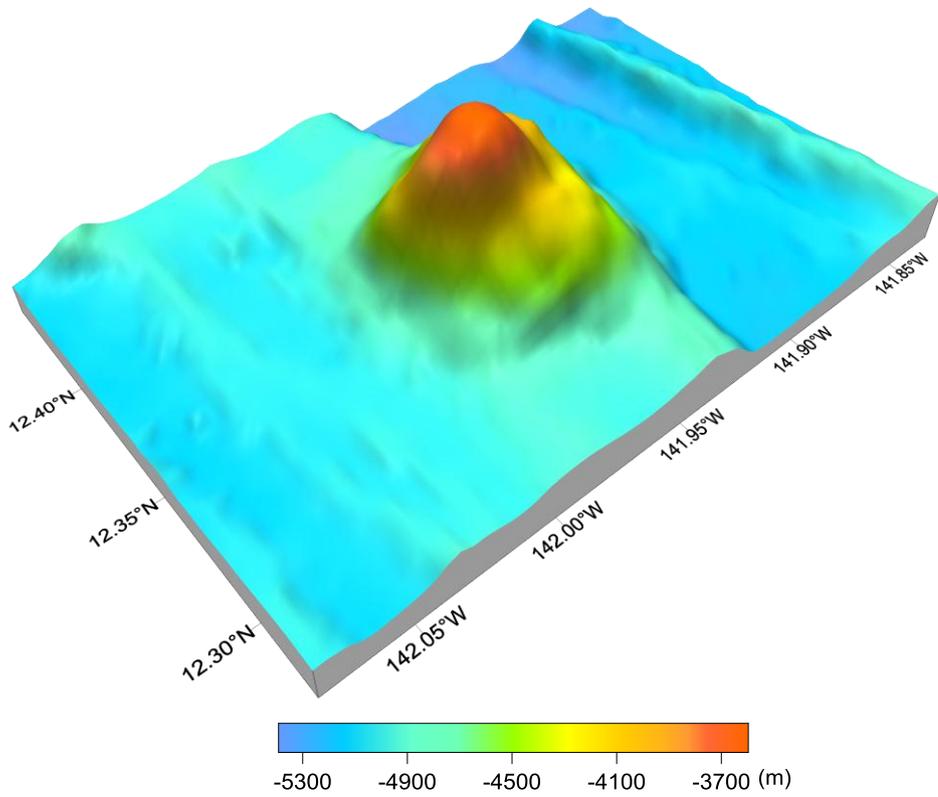


Fig. 4 3-D topography map of the Zigong Seamount

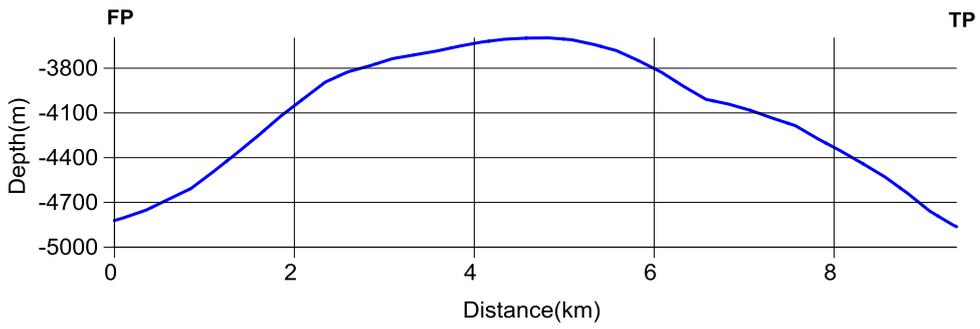
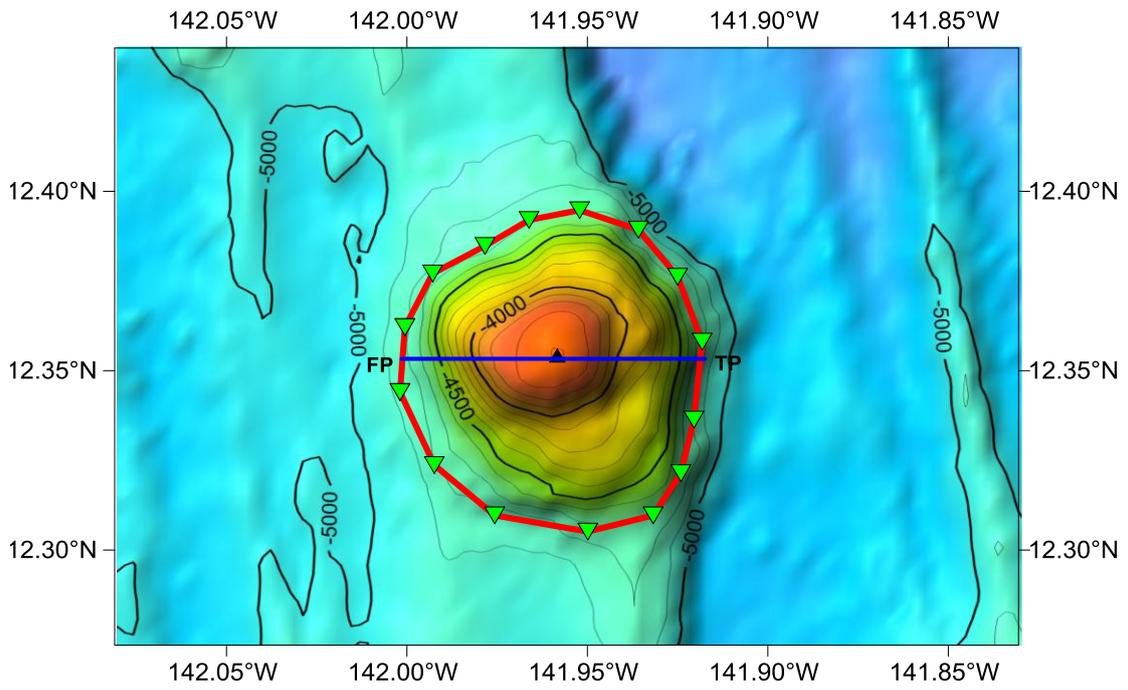


Fig. 5 Profile map of the Zigong Seamount