

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Yanlong 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:	10°3.3'N(Summit)	153°32.1'W(Summit)
	10°3.8'N(Bottom)	153°33.7'W(Bottom)
	10°3.3'N	153°33.8'W
	10°2.5'N	153°33.6'W
	10°1.9'N	153°33.1'W
	10°1.6'N	153°32.6'W
	10°1.7'N	153°32.0'W
	10°2.3'N	153°31.1'W
	10°2.6'N	153°30.2'W
	10°3.5'N	153°29.6'W
	10°4.2'N	153°29.5'W
	10°4.7'N	153°29.6'W
	10°5.1'N	153°30.4'W
	10°5.3'N	153°31.0'W
	10°4.9'N	153°31.3'W
	10°4.4'N	153°31.5'W
	10°4.4'N	153°31.6'W
	10°4.7'N	153°31.7'W
10°4.9'N	153°32.0'W	
10°4.4'N	153°32.6'W	
	10°3.8'N(Bottom)	153°33.7'W(Bottom)

Feature Description:	Maximum Depth:	4300 m	Steepness :	
	Minimum Depth :	5000 m	Shape :	Meteor
	Total Relief :	700 m	Dimension/Size :	4.6 km x 8.2 km

Associated Features:	Yanlong Hill is located in the Central Pacific Basin, 47km southeast to Weipi Knoll.
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBSCO 5.07
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Yanlong, is a musician in Chinese ancient tales of legendia.
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Discovery Facts:	Discovery Date:	Aug 26. 2017
	Discoverer (Individual, Ship):	Chinese R/V Xiangyanghong No.03

Supporting Survey Data, including Track Controls:	Date of Survey:	Aug 26. 2017
	Survey Ship:	Chinese R/V Xiangyanghong No.03
	Sounding Equipment:	Seabeam3012
	Type of Navigation:	Veripos Wide area differential GPS
	Estimated Horizontal Accuracy (nm):	0.0053nm
	Survey Track Spacing:	
	Supporting material can be submitted as Annex in analog or digital form. See Annex	

Proposer(s):	Name(s):	China Ocean Mineral Resources Research and Development Association (COMRA)
	Date:	Apr 08. 2018
	E-mail:	comra@comra.org
	Organization and Address:	No.1 Fuxingmenwai Street, Xicheng 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 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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ANNEX

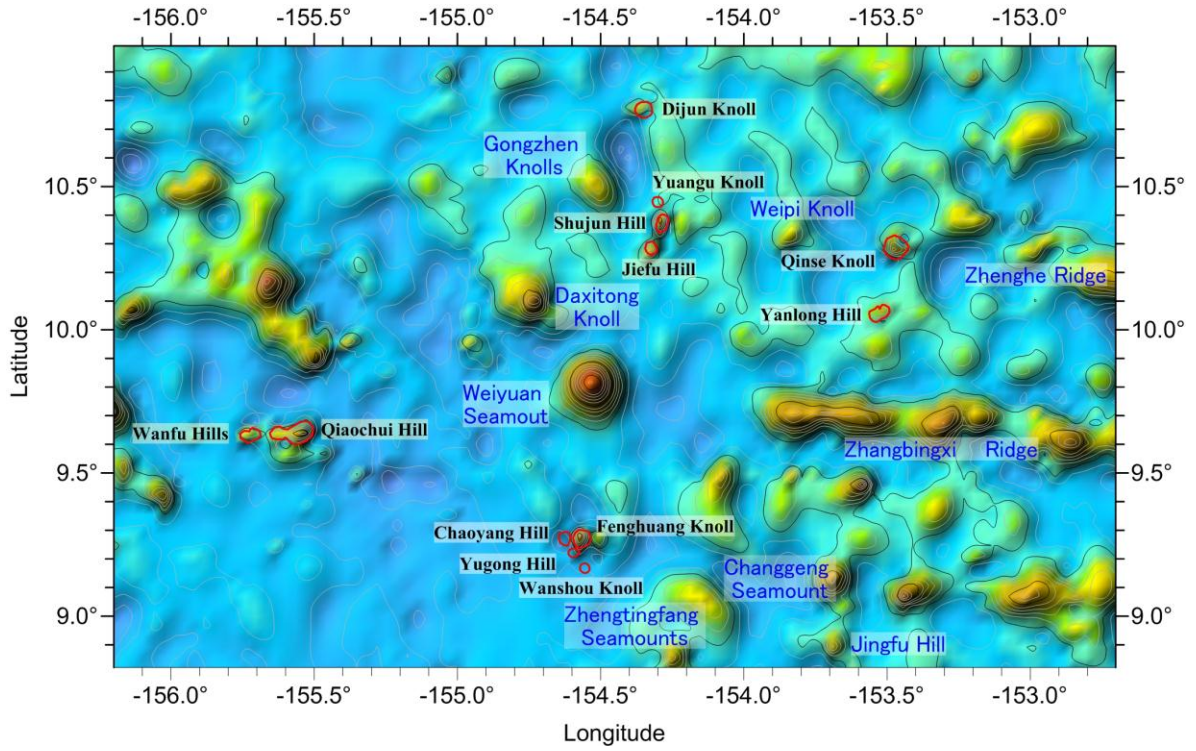


Fig. 1 Location of the Yanlong Hill

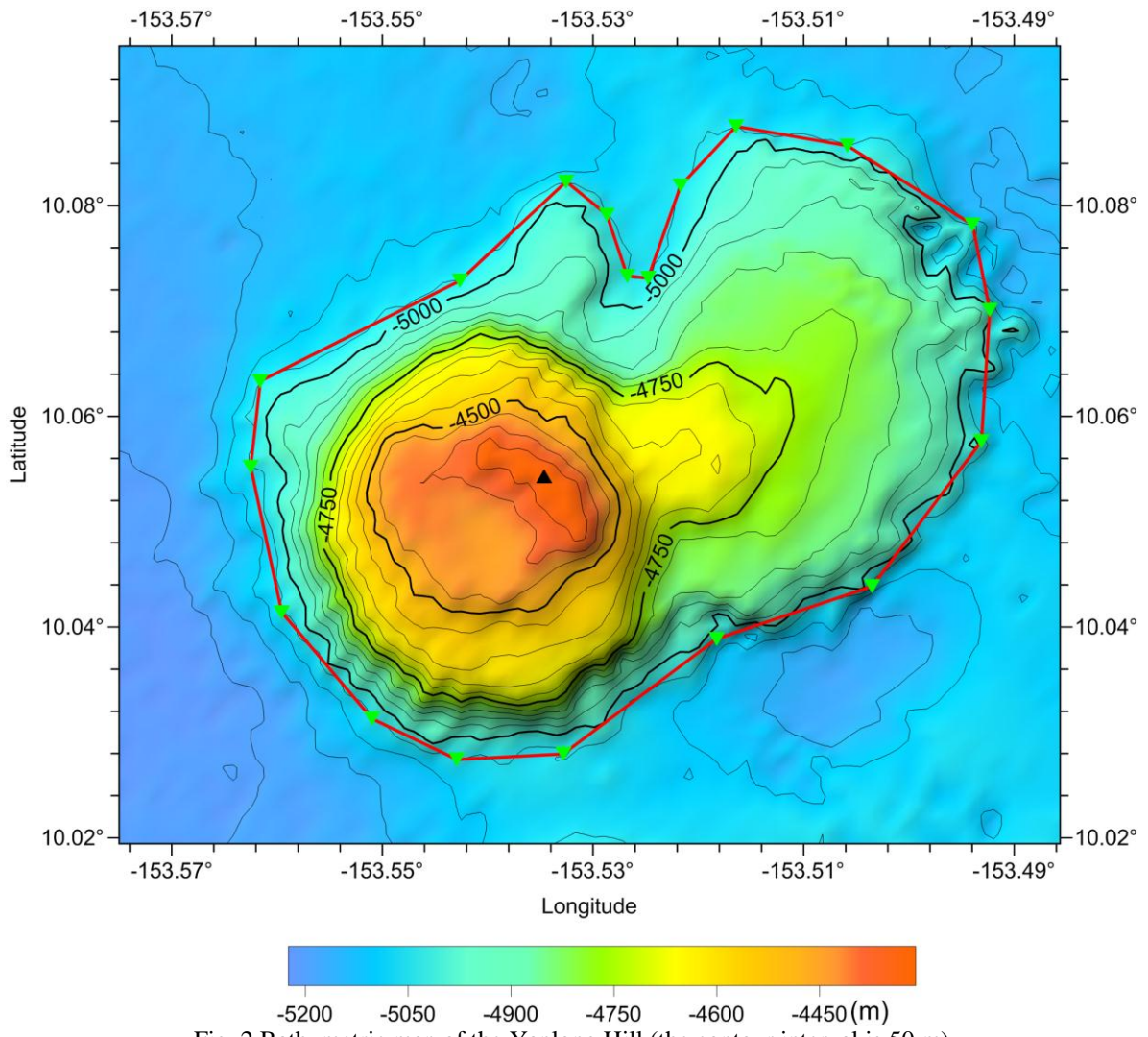


Fig. 2 Bathymetric map of the Yanlong Hill (the contour interval is 50 m)

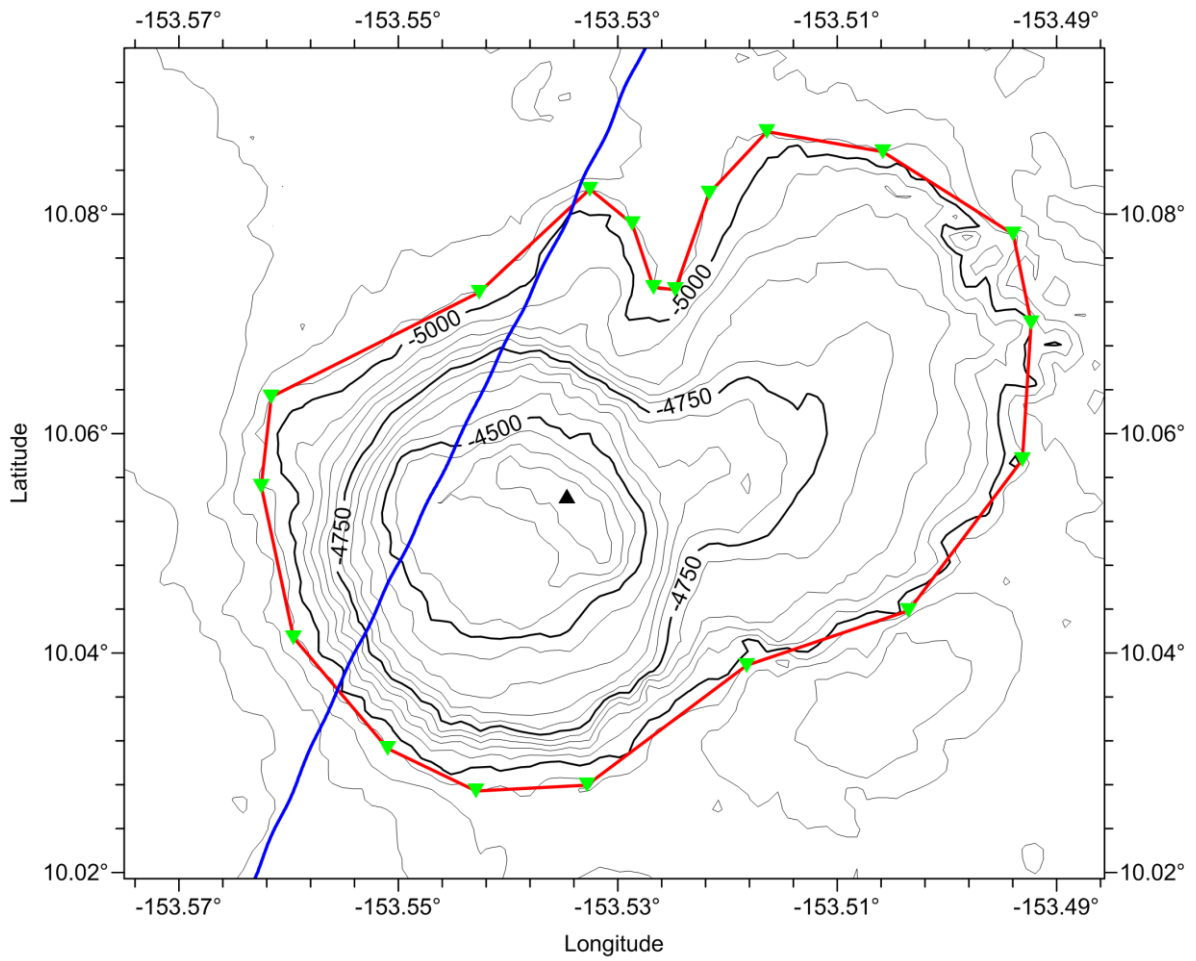


Fig. 3 Bathymetric and survey line map of the Yanlong Hill (the contour interval is 50 m, blue ones are survey lines)

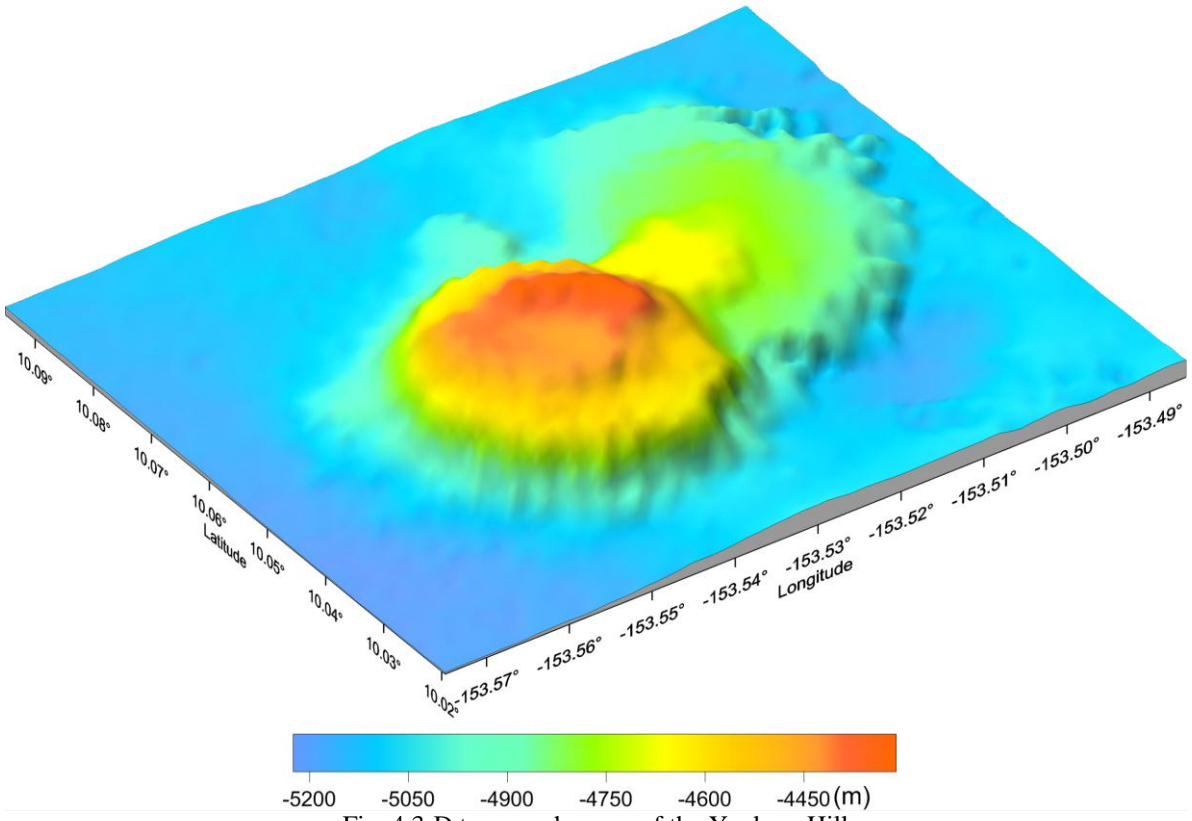


Fig. 4 3-D topography map of the Yanlong Hill

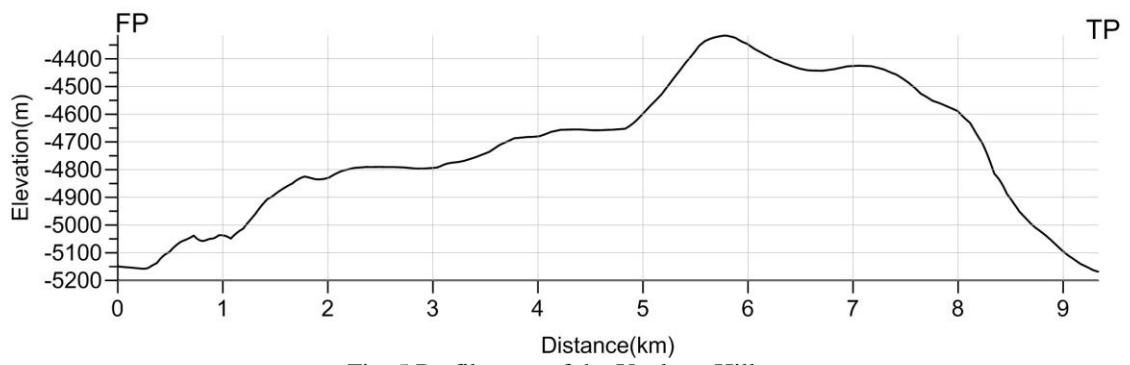
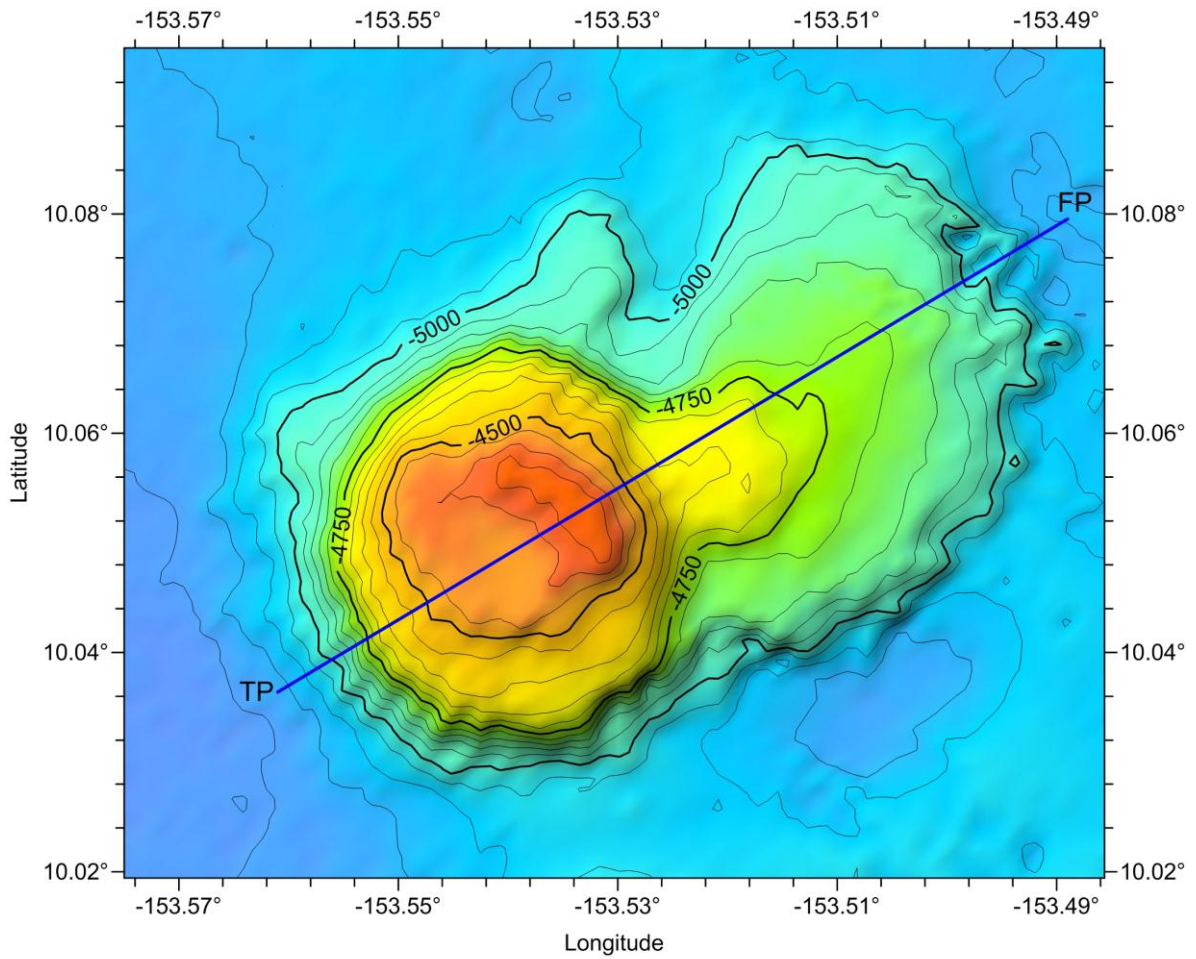


Fig. 5 Profile map of the Yanlong Hill