

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Yuangu Knoll	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°26.7' N (summit)	154°18.0' W (summit)
	10°26.0' N (bottom)	154°18.8' W (bottom)
	10°25.7' N	154°18.4' W
	10°25.7' N	154°17.5' W
	10°25.9' N	154°17.1' W
	10°26.5' N	154°16.9' W
	10°27.1' N	154°17.0' W
	10°27.7' N	154°17.4' W
	10°27.7' N	154°18.8' W
	10°27.0' N	154°19.2' W
	10°26.4' N	154°19.0' W
	10°27.8' N	154°18.1' W
	10°26.0' N (bottom)	154°18.8' W (bottom)

Feature Description:	Maximum Depth:	5150 m	Steepness :	
	Minimum Depth :	4844 m	Shape :	Round
	Total Relief :	306 m	Dimension/Size :	4.0 km×4.0 km

Associated Features:	Yuangu Knoll is located in the Central Pacific Basin and 14 km east of the Gongzhen Knolls. Its overall shape is round.
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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):	This hill has a shape like a round drum, so it is named with the Chinese name of drum, “Yuangu”.
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Discovery Facts:	Discovery Date:	Sep 14. 2017
	Discoverer (Individual, Ship):	Chinese R/V Xiangyanghong No.03

Supporting Survey Data, including	Date of Survey:	Sep 14. 2017
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Track Controls:	Survey Ship:	Chinese R/V Xiangyanghong No.03
	Sounding Equipment:	Seabeam 3012
	Type of Navigation:	Veripos Wide Area Differential GPS
	Estimated Horizontal Accuracy (nm):	0.0053 nm
	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

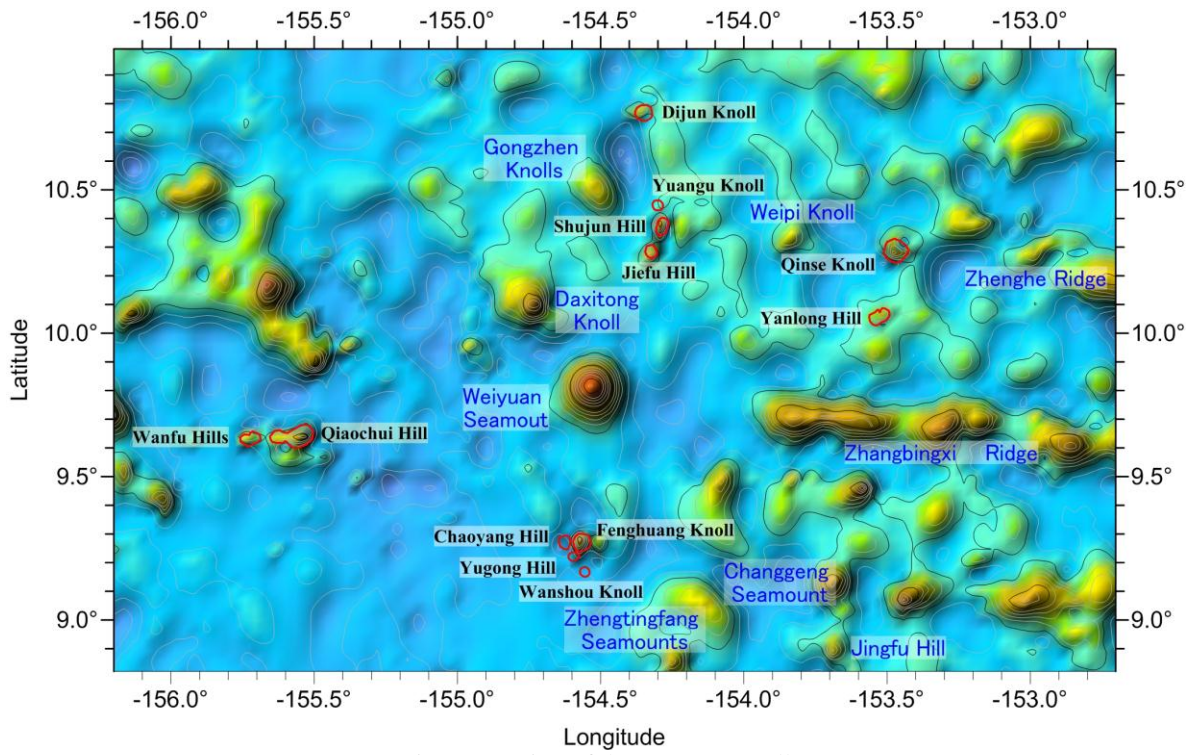


Fig. 1 Location of the Yuangu Knoll

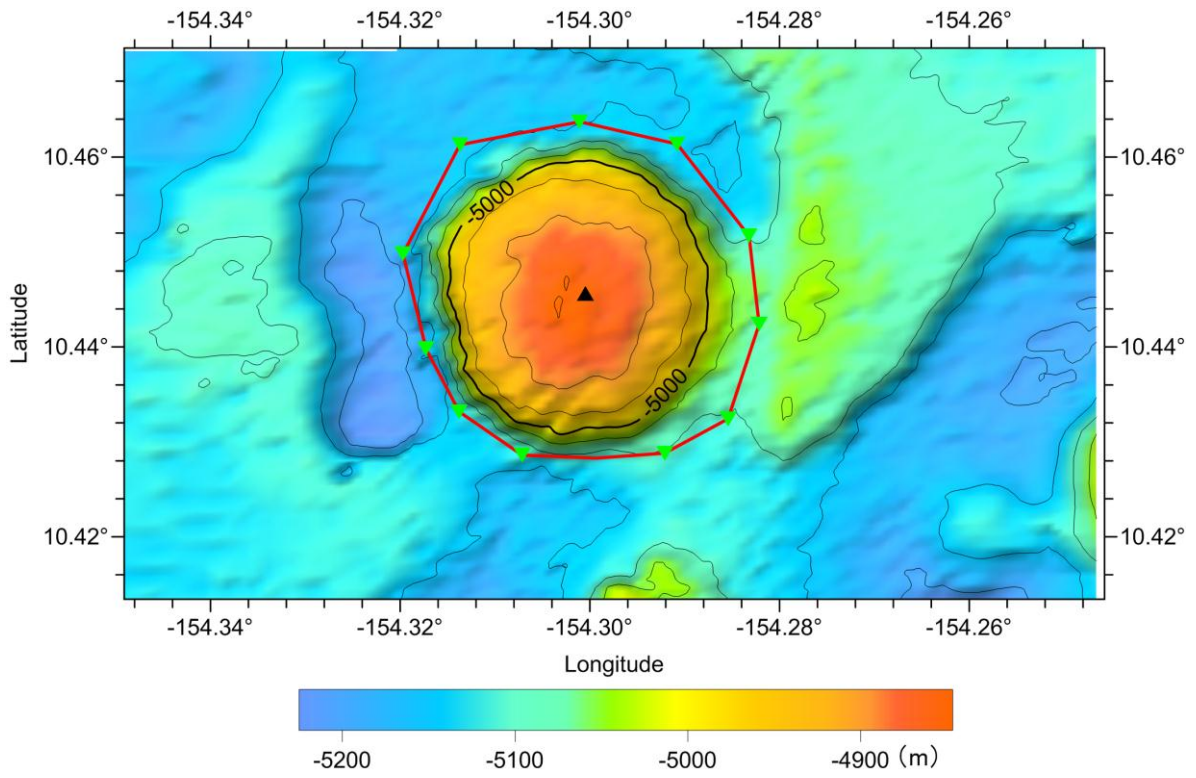


Fig. 2 Bathymetric map of the Yuangu Knoll (the contour interval is 50 m)

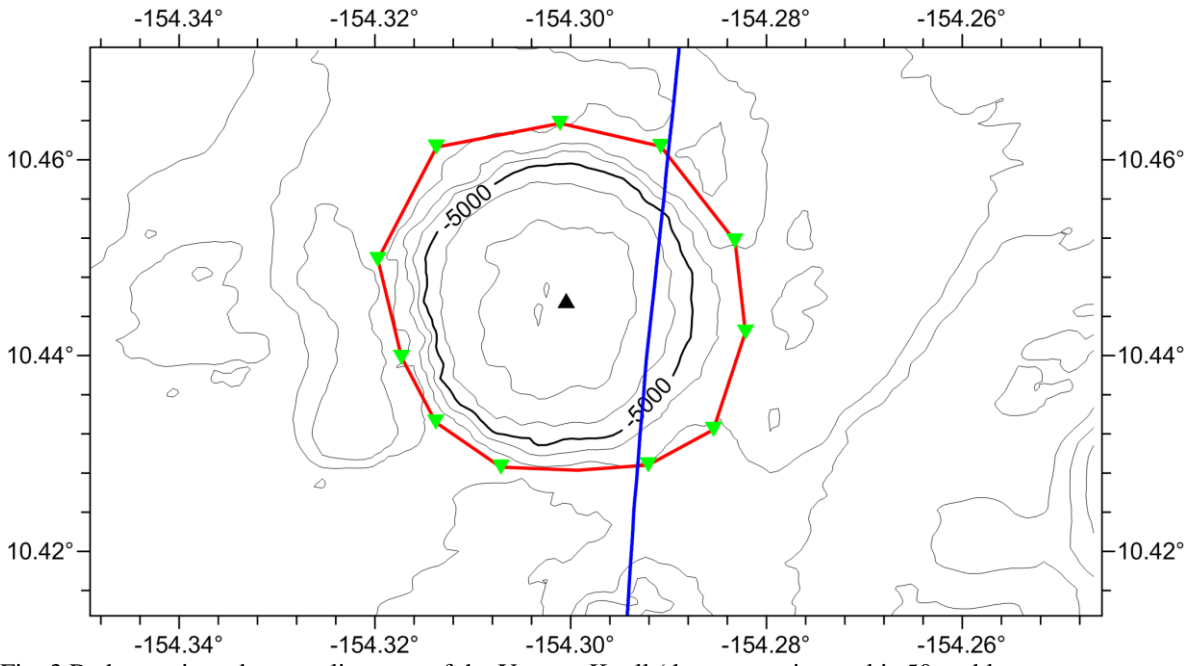


Fig. 3 Bathymetric and survey line map of the Yuangu Knoll (the contour interval is 50 m, blue ones are survey lines)

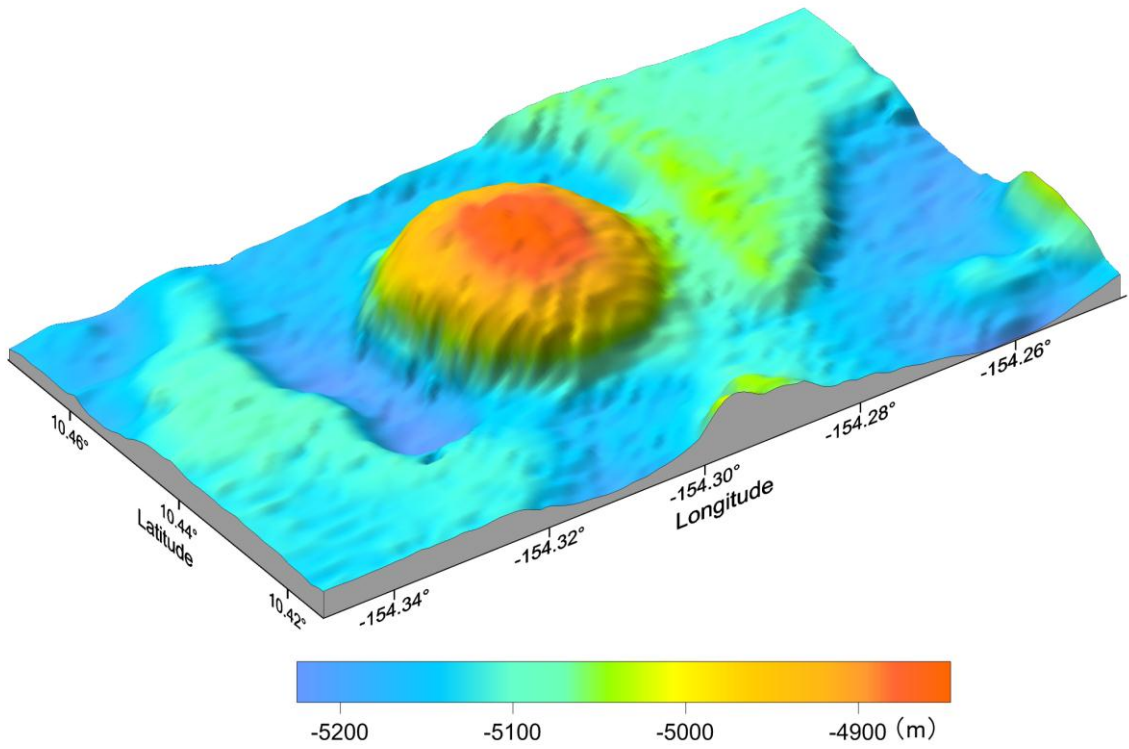


Fig. 4 3-D topography map of the Yuangu Knoll

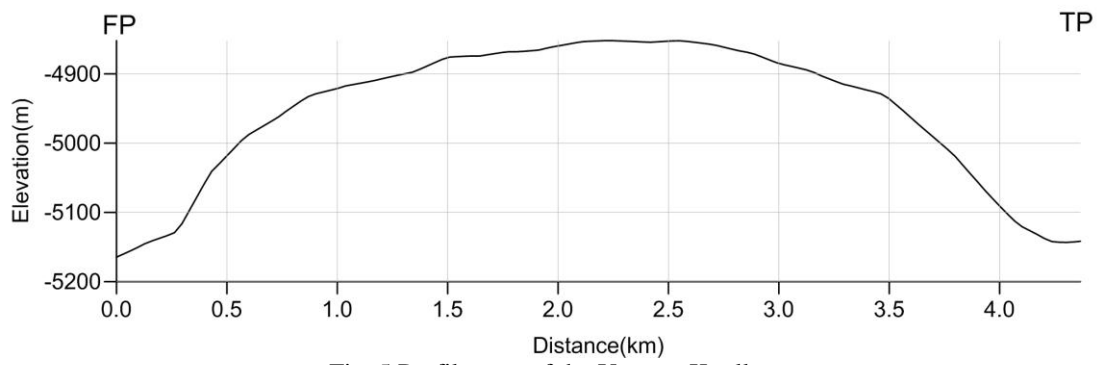
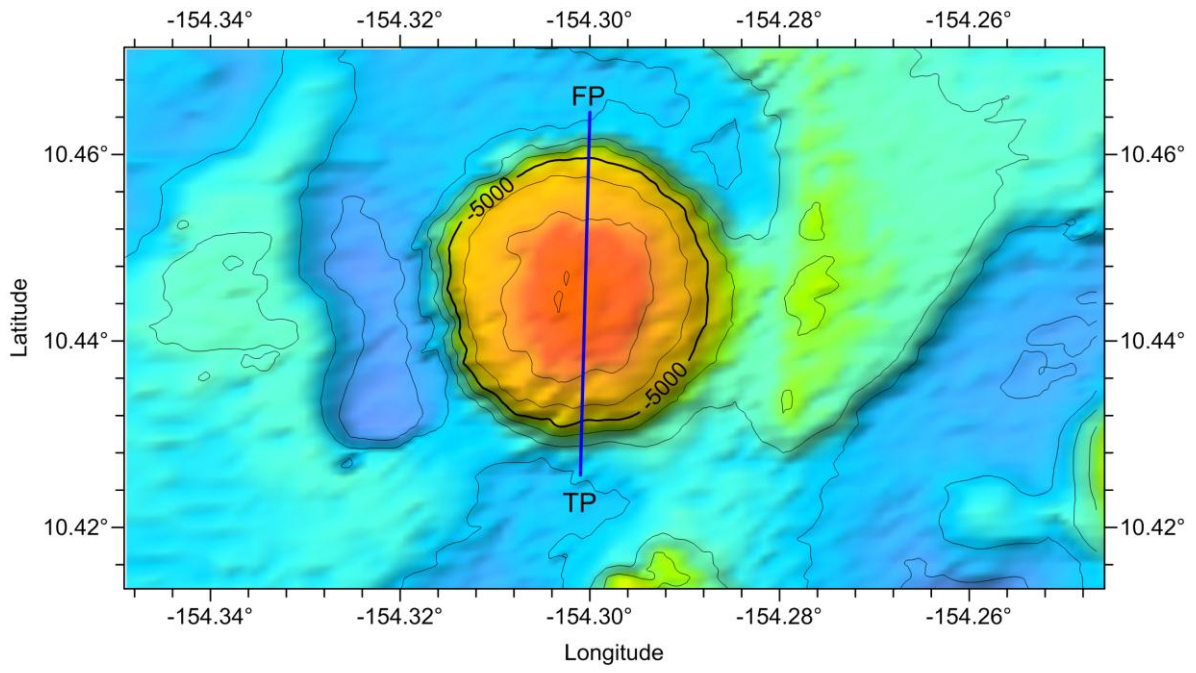


Fig. 5 Profile map of the Yuangu Knoll