

UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

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

Name Proposed:	Siyi 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°28.4'N (Summit)	154°03.8'W (Summit)
	09°31.1'N (Bottom)	154°04.1'W (Bottom)
	09°30.9'N	154°03.4'W
	09°30.6'N	154°02.9'W
	09°29.9'N	154°02.6'W
	09°29.1'N	154°02.5'W
	09°28.2'N	154°02.6'W
	09°27.1'N	154°03.5'W
	09°26.7'N	154°04.3'W
	09°26.9'N	154°05.5'W
	09°27.8'N	154°06.5'W
	09°28.7'N	154°06.8'W
	09°29.7'N	154°06.7'W
	09°30.6'N	154°06.2'W
	09°31.0'N	154°05.8'W
	09°31.2'N	154°05.0'W
	09°31.1'N(Bottom)	154°04.1'W(Bottom)

Feature Description:	Maximum Depth:	5181 m	Steepness :	
	Minimum Depth :	4301 m	Shape :	Near round
	Total Relief :	880 m	Dimension/Size :	8 km ×8 km

Associated Features:	Siyi Hill is located in 25 km west to Jiangyuan Hill. It has a near 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):	“Siyi” comes from Shijing, with a meaning of majestic wings. Shijing is a collection of ancient Chinese poems from 11th century B.C. to 6th century B.C. The surrounding relevant undersea features are named after the verse lines from the same poem in Shijing.
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Discovery Facts:	Discovery Date:	Aug. 1995
	Discoverer (Individual, Ship):	Chinese R/V Dayang No.01

Supporting Survey Data, including Track Controls:	Date of Survey:	Aug. 1995
	Survey Ship:	Chinese R/V Dayang No.01
	Sounding Equipment:	Multi-beam Echo Sounding System (Seabeam 2112)
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	≤8 nm
	Survey Track Spacing:	5 nm
	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 8. 2018
	E-mail:	comra@comra.org
	Organization and Address:	No.1 Fuxingmenwai Street, Xicheng District, Beijing
	Concurrer (name, e-mail, organization and address):	

Remarks:	<p>This proposal has been reviewed and approved by China Subcommittee on Undersea Feature Names (CCUFN). It is included in the <i>Chinese Gazetteer of Undersea Features on the International Seabed</i> (2016).</p> <p>No.1 Fuxingmenwai Street, Xicheng District, Beijing, China, 100860 heyunxu@sina.com</p>
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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

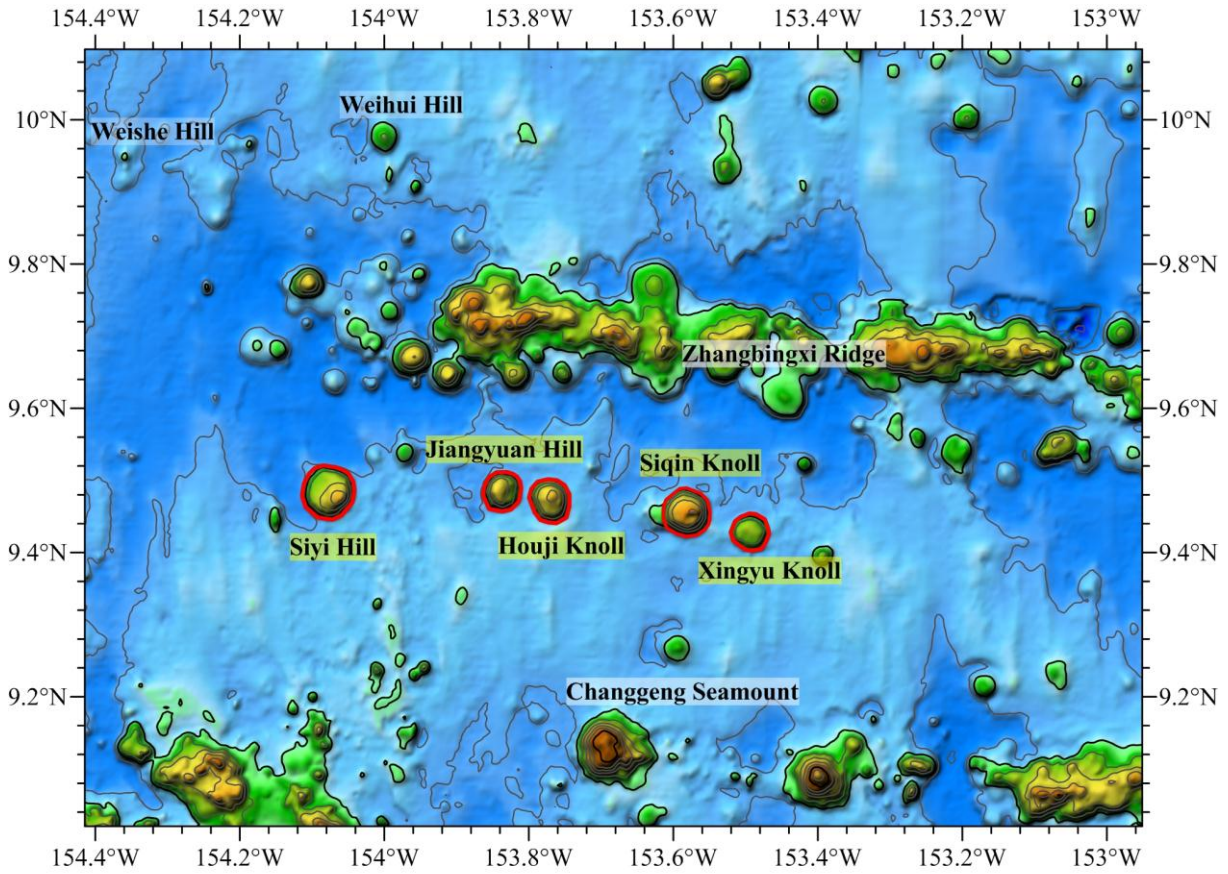


Fig. 1 Location of the Siyi Hill

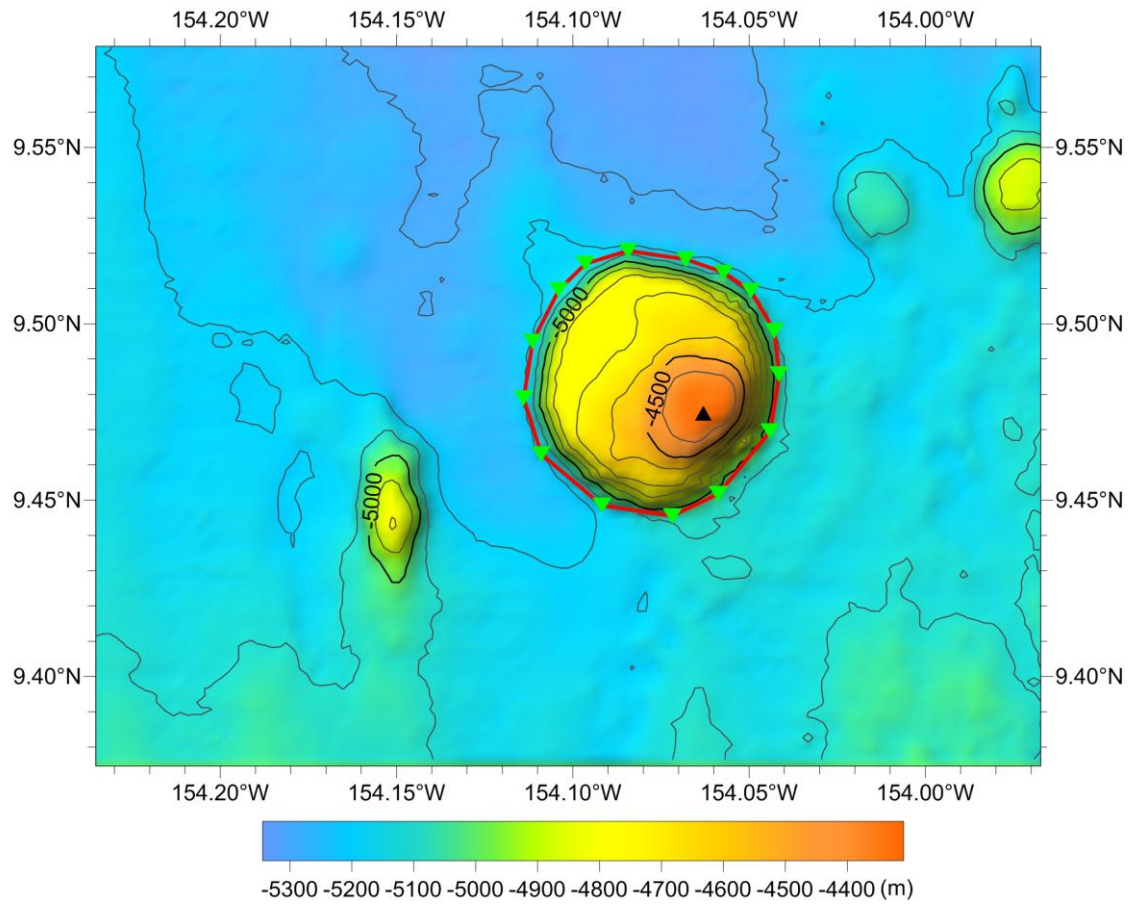


Fig. 2 Bathymetric map of the Siyi Hill (the contour interval is 100 m)

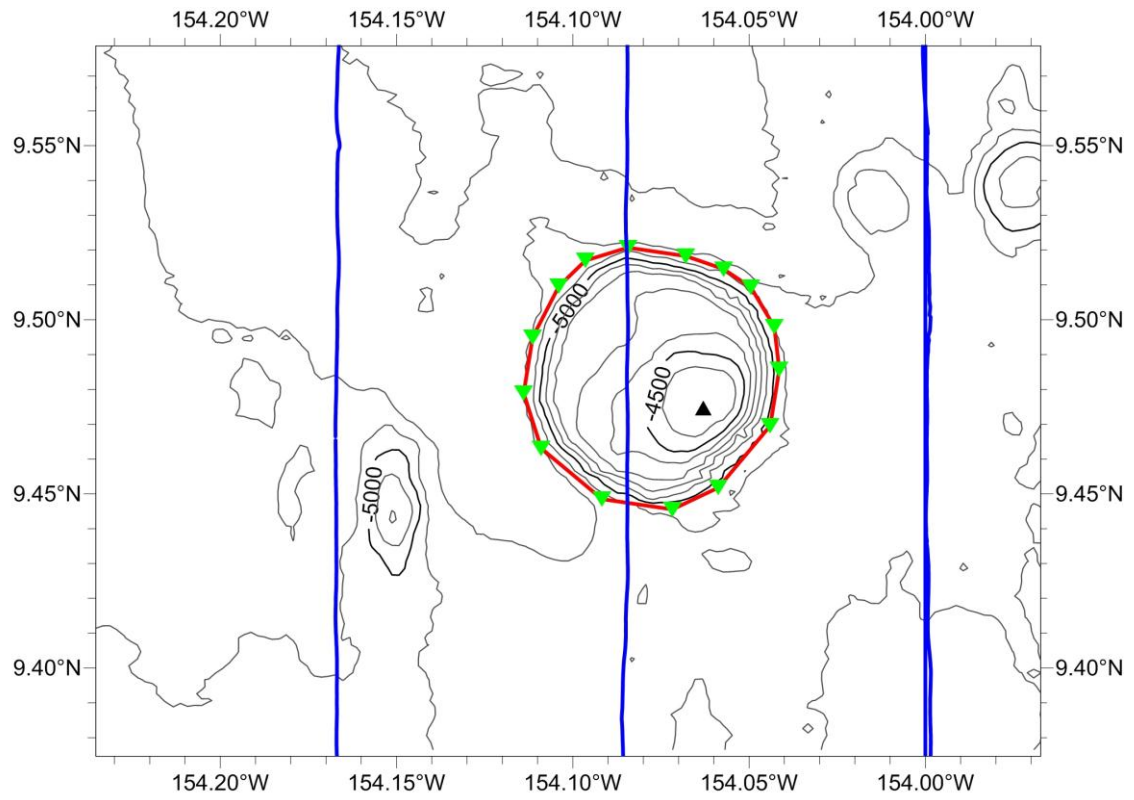


Fig. 3 Bathymetric and survey line map of the Siyi Hill (the contour interval is 100 m, blue ones are survey lines)

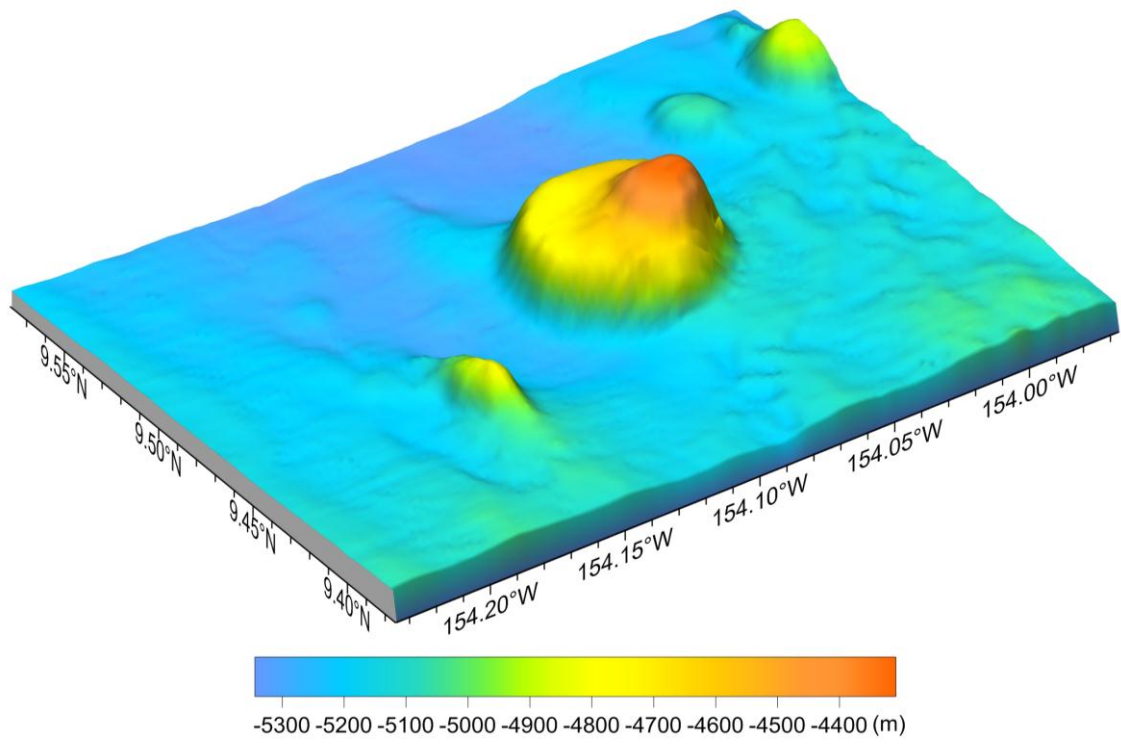


Fig. 4 3-D topography map of the Siyi Hill

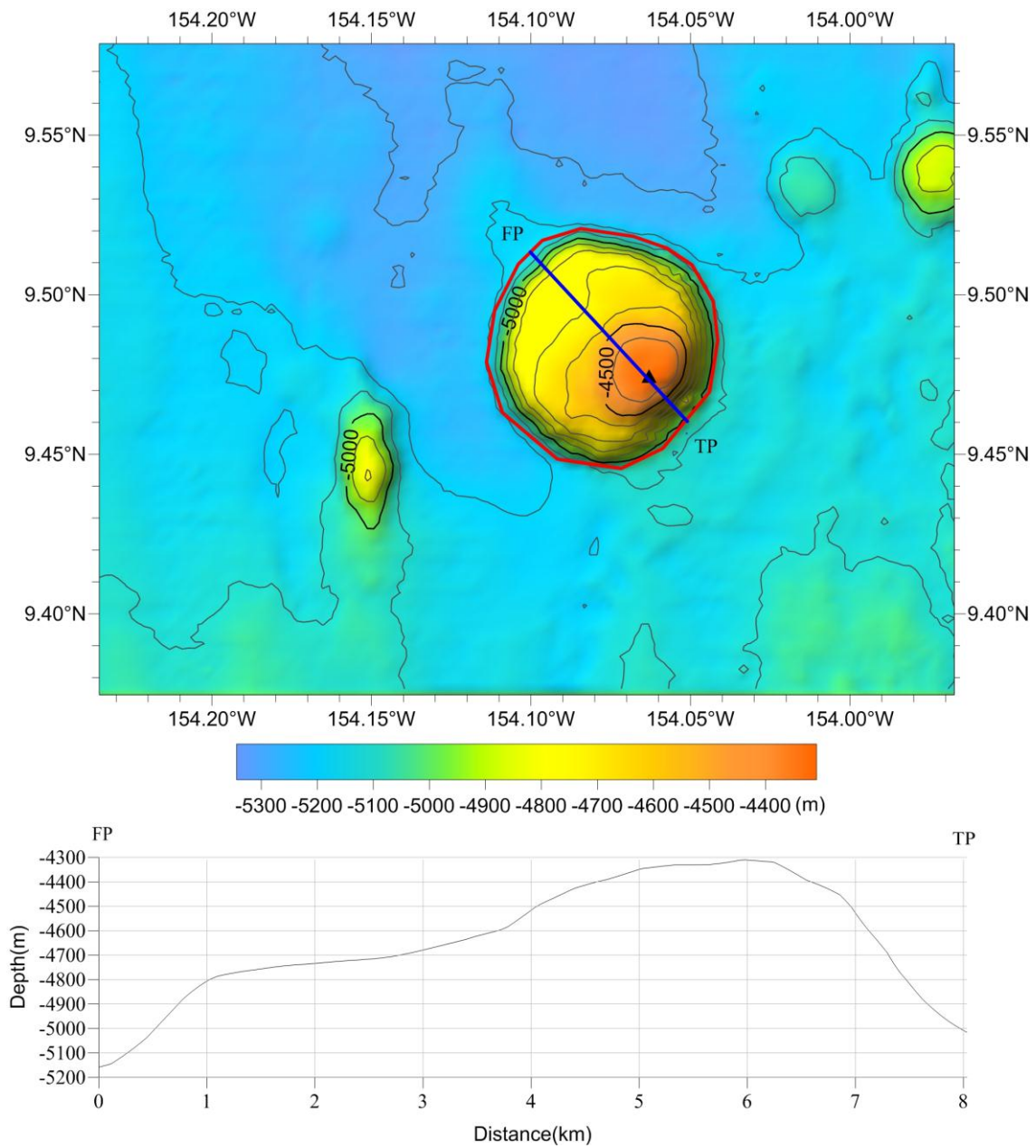


Fig. 5 Profile map of the Siyi Hill