

**UNDERSEA FEATURE NAME PROPOSAL**  
(See IHO-IOC Publication B-6 and NOTE overleaf)

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

<b>Name Proposed:</b>	Weihui Knoll	<b>Ocean or Sea:</b>	East Pacific Ocean
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<b>Geometry</b> 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)
<b>Coordinates:</b>	09°58.6'N (Top)	154°00.0'W (Top)
	09°56.9'N (Bottom)	154°00.0'W (Bottom)
	09°57.0'N	154°00.4'W
	09°57.9'N	154°01.5'W
	09°58.9'N	154°01.6'W
	10°00.0'N	154°01.2'W
	10°00.5'N	153°59.8'W
	09°59.8'N	153°58.9'W
	09°58.7'N	153°58.5'W
	09°57.5'N	153°58.8'W
	09°57.0'N	153°59.5'W
	09°56.9'N	154°00.0'W

<b>Feature Description:</b>	Maximum Depth:	5231m	Steepness :	
	Minimum Depth :	4746m	Shape :	
	Total Relief :	485m	Dimension/Size :	6.5 km * 5.7 km

<b>Associated Features:</b>	Weihui Knoll is located in 38 km south to Weipi Knoll, 38 east to Weishe Hill. This knoll has a nearly round overlook plane shape. The length and width are 6.5 km and 5.7 km respectively. The top depth of this knoll is 4746 m and the piedmont depth is 5231m, which makes the total relief being 485 m.
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<b>Chart/Map References:</b>	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.07
	Within Area of Map/Chart:	

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	Weihui comes from a poem named Sigan in Shijing·Xiaoya. Shijing is a collection of ancient Chinese Poems from 11 <sup>th</sup> century B.C. to 6 <sup>th</sup> century B.C. "What did you see in your good dream? I saw bear big and small; I saw reptiles, snakes and all." This poem described a good dream which has the bear and snake. "Xiong" and "Pi" mean bears while "Hui" and "She" mean snakes in Chinese language, which is believed to be a good omen for bearing a baby. These neighboring 4 hills or knolls are named Weixiong, Weipi, Weihui and Weishe respectively, constituting a group of feature names.
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<b>Discovery Facts:</b>	Discovery Date:	Sept. 1995
	Discoverer (Individual, Ship):	Chinese R/V Dayang Yihao

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	Sept. 1995
	Survey Ship:	Chinese R/V Dayang Yihao
	Sounding Equipment:	Multi-beam Echo Sounding System (Seabeam2112)
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	0.0053 sea mile
	Survey Track Spacing:	5 nm
	Supporting material can be submitted as Annex in analog or digital form: see Annex	

<b>Proposer(s):</b>	Name(s):	China Ocean Mineral Resources R&D Association (COMRA)
	Date:	July 1, 2017
	E-mail:	jin@comra.org
	Organization and Address:	Fuxingmenwai Street No.1, Beijing, China China Ocean Mineral Resources R&D Association
	Concurrer (name, e-mail, organization and address):	

<b>Remarks:</b>	<p>The proposal has been reviewed and approved by Sub-Committee on Undersea Feature Names of China Committee on Geographical Names (CCUFN). And the proposal has also been published in "Chinese Gazetteer of Undersea Features on the International Seabed(2016)". 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 Publication B-6) or, if this does not exist or is not known, either to the IHO 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 IHO or to the IOC, at the following addresses :

International Hydrographic Organization (IHO) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: <a href="mailto:info@iho.int">info@iho.int</a> Web: <a href="http://www.iho.int">www.iho.int</a>	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a> Web: <a href="http://ioc-unesco.org/">http://ioc-unesco.org/</a>
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# ANNEX

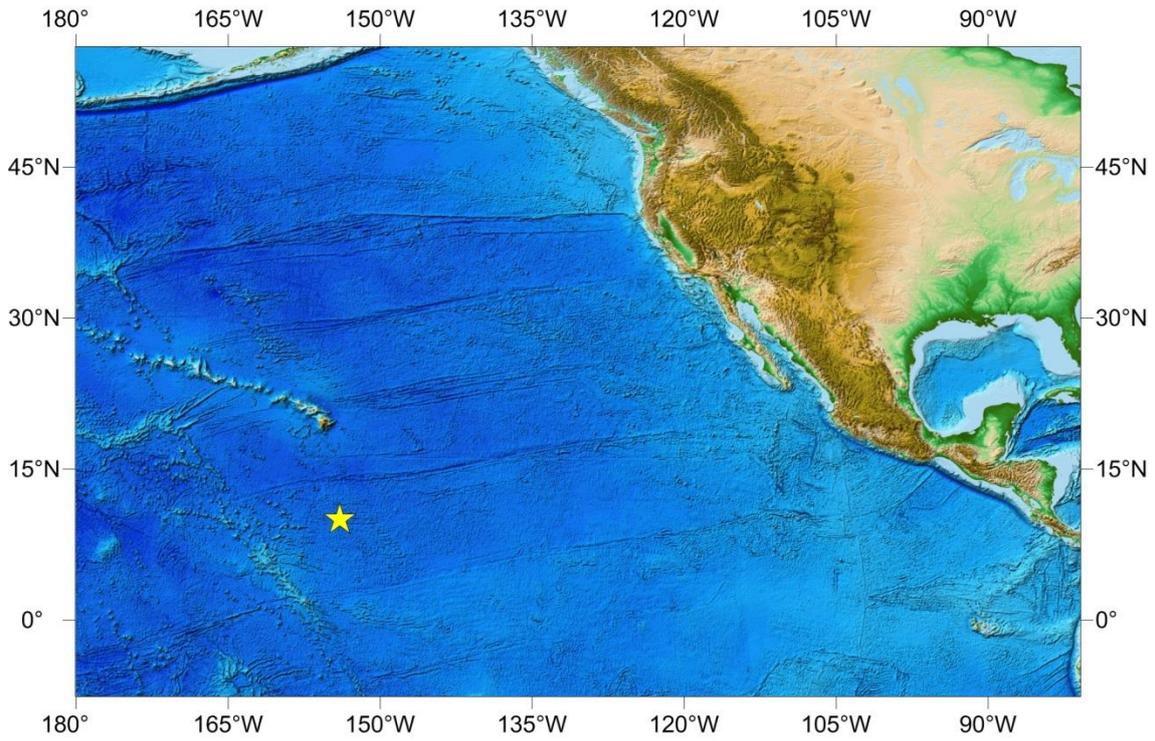


Fig. 1 Location of Weihui Knoll

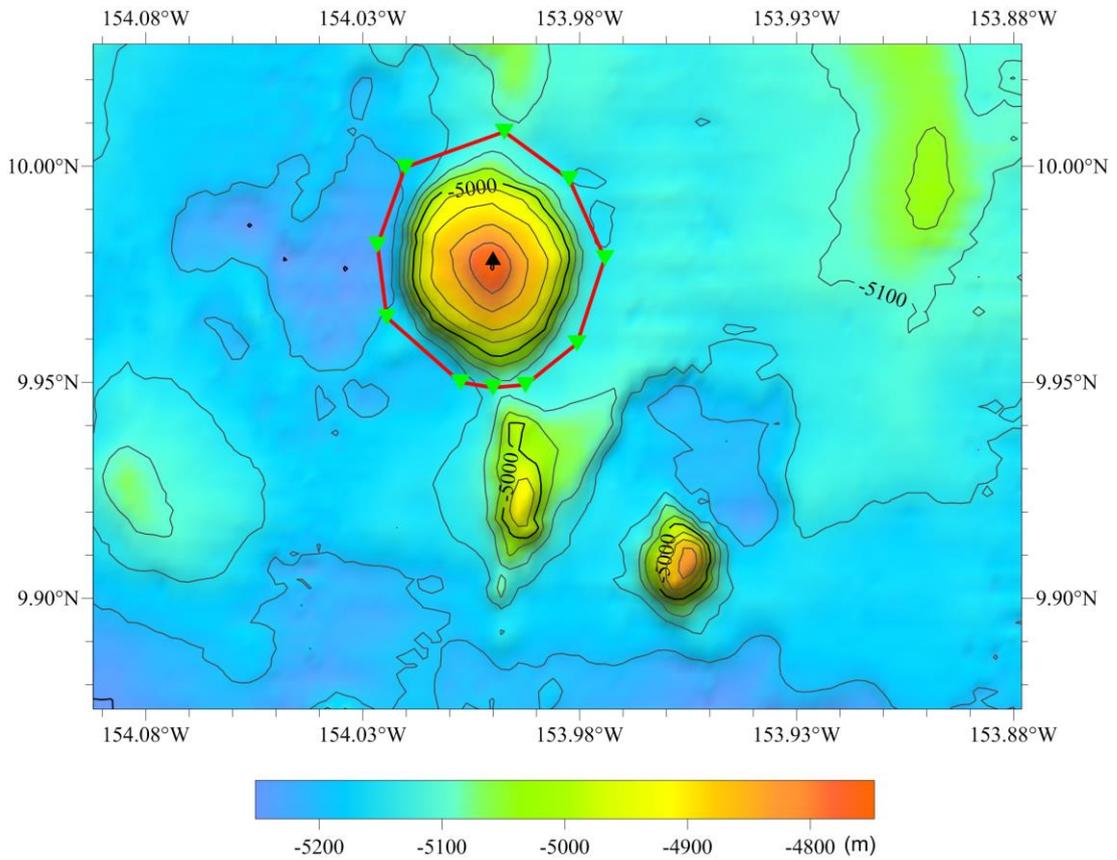


Fig. 2 Bathymetric map of Weihui Knoll (Contours are in 50 m)

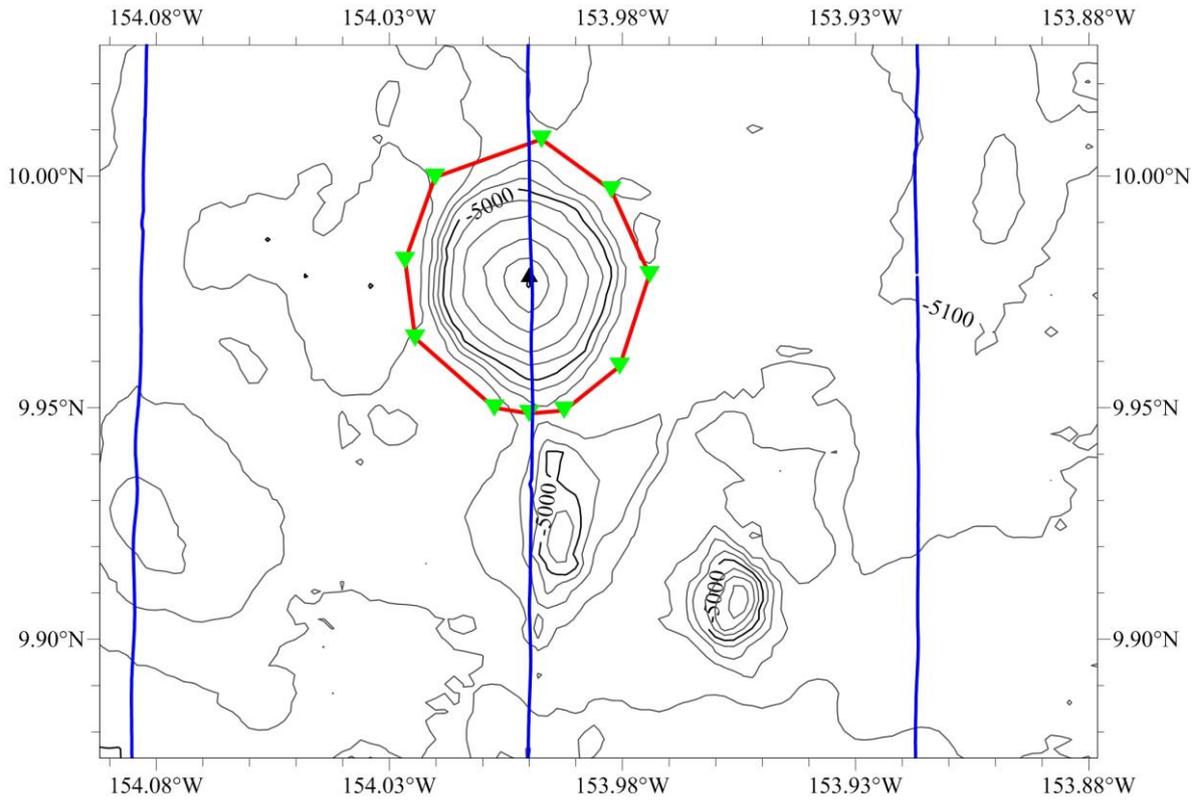


Fig. 3 Bathymetric and survey line map of Weihui Knoll (Contours are in 50 m, blue ones are survey lines)

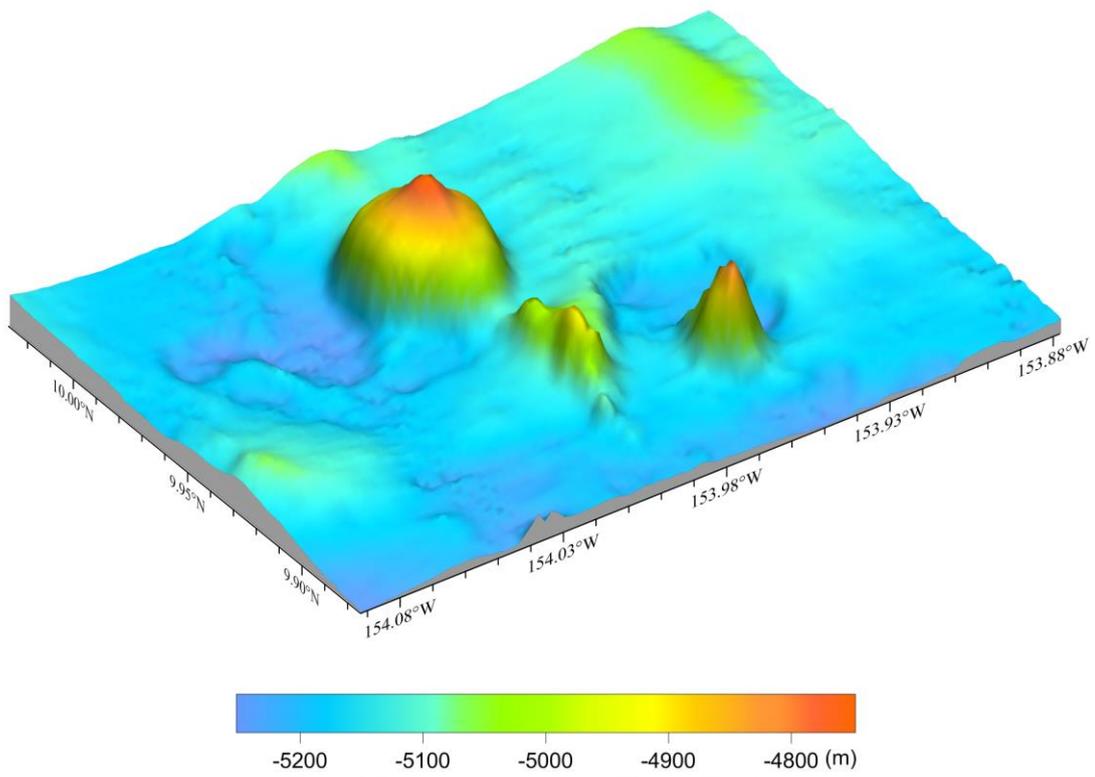


Fig. 4 3-D topography map of Weihui Knoll

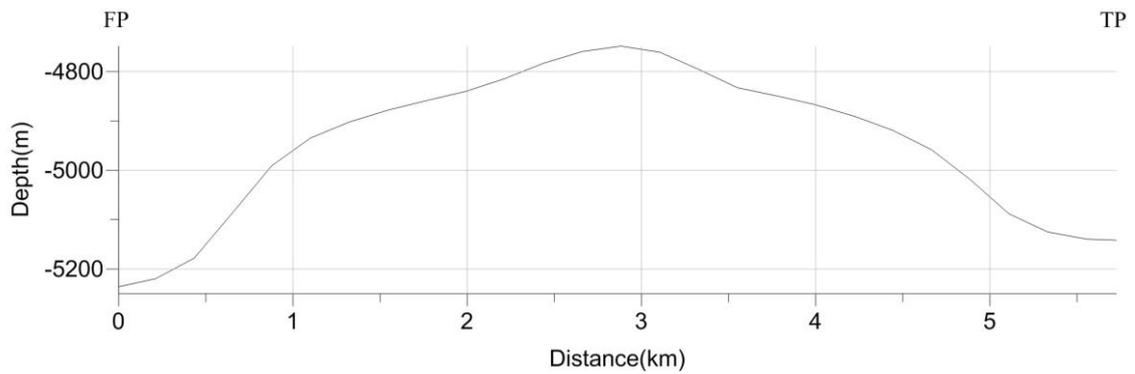
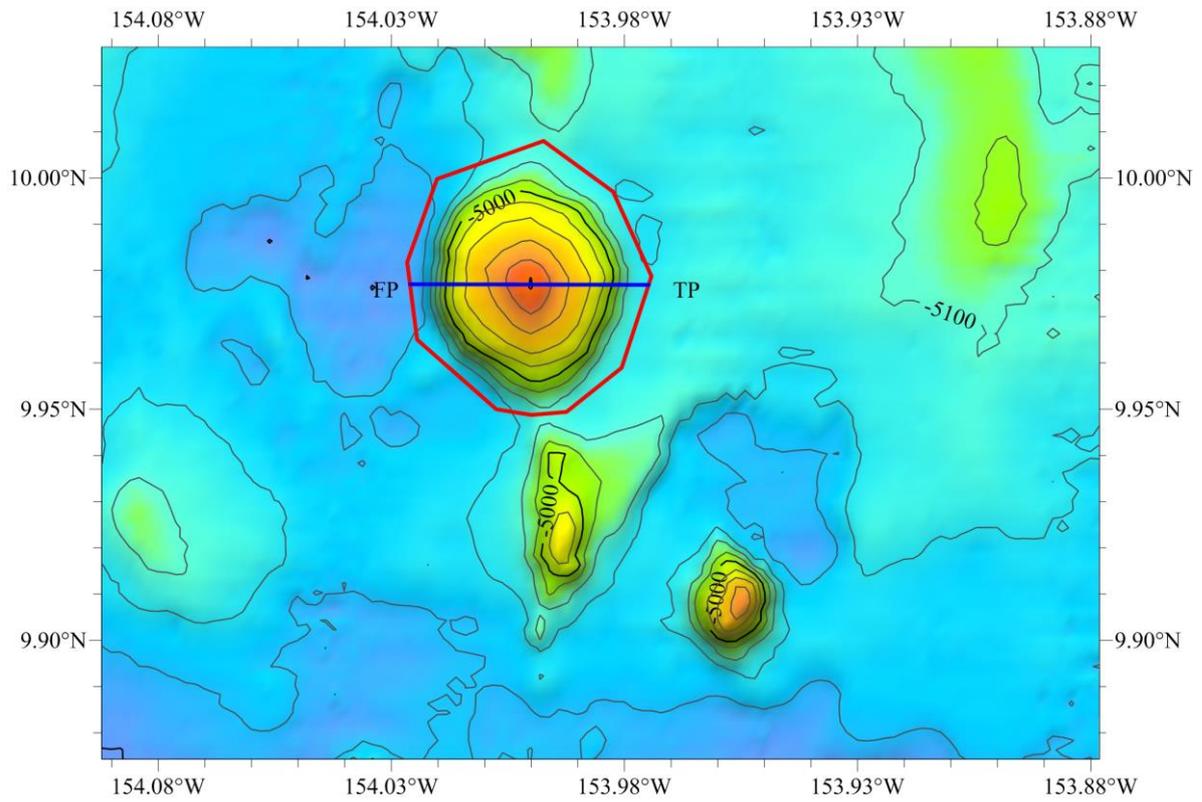


Fig. 5 profile map of Weihui Knoll