

**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>	Tianyang Hill	<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°28.7'N(Summit)	153° 46.1'W(Summit)
	09°30.1'N(Bottom)	153° 46.4'W(Bottom)
	09°30.0'N	153° 45.7'W
	09°29.6'N	153° 45.0'W
	09°28.9'N	153° 44.6'W
	09°27.8'N	153° 44.6'W
	09°26.9'N	153° 44.9'W
	09°26.4'N	153° 45.7'W
	09°26.5'N	153° 46.3'W
	09°26.7'N	153° 47.0'W
	09°27.3'N	153° 47.5'W
	09°28.6'N	153° 48.0'W
	09°29.3'N	153° 47.8'W
	09°29.9'N	153° 47.3'W
09°30.1'N(Bottom)	153° 46.4'W(Bottom)	

<b>Feature Description:</b>	Maximum Depth:	5113m	Steepness :	
	Minimum Depth :	4306m	Shape :	Near-circle
	Total Relief :	807m	Dimension/Size :	6.5km×6km

<b>Associated Features:</b>	Tianyang hill is located about 38km north to the Changgeng Seamount. It has a nearly circle overlook plane shape.
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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):	We name 7 features near to each other in this area after seven beautiful fairies in Chinese mythology. They are Tianchang, Tianxian, Tianqing, Tianyu, Tianshou, Tianyang and Tianrong. We name this feature after Tianyang, one fairy's name.
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<b>Discovery Facts:</b>	Discovery Date:	Aug. 1995
	Discoverer (Individual, Ship):	Chinese R/V Dayang No.01

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	Aug. 1995
	Survey Ship:	Chinese R/V Dayang No.01
	Sounding Equipment:	Multi-beam Echo sounding system (Seabeam2112)
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy, in nautical miles (M):	<=0.08 nm
	Survey Track Spacing:	5nm
	Supporting material can be submitted as Annex in analog or digital form. See Annex	

<b>Proposer(s):</b>	Name(s):	China Ocean Mineral Resources Research and Development Association (COMRA)
	Date:	March 1, 2019
	E-mail:	comra@comra.org
	Organization and Address:	No.1 Fuxingmenwai Street, Xicheng District, Beijing
	Concurrer (name, e-mail, organization and address):	

<b>Remarks:</b>	This proposal has been reviewed and approved by China Subcommittee on Undersea Feature Names (CCUFN). No.64 Fuchengmennei Street, Xicheng District, Beijing, China, 100812 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 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) 4b, Quai Antoine 1er B.P. 445	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy
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MC 98011 MONACO CEDEX  
Principality of MONACO  
Fax: +377 93 10 81 40  
E-mail: [info@iho.int](mailto:info@iho.int)  
Web: [www.iho.int](http://www.iho.int)

75700 PARIS  
France  
Fax: +33 1 45 68 58 12  
E-mail: [info@unesco.org](mailto:info@unesco.org)  
Web: <http://ioc-unesco.org/>

Attachment

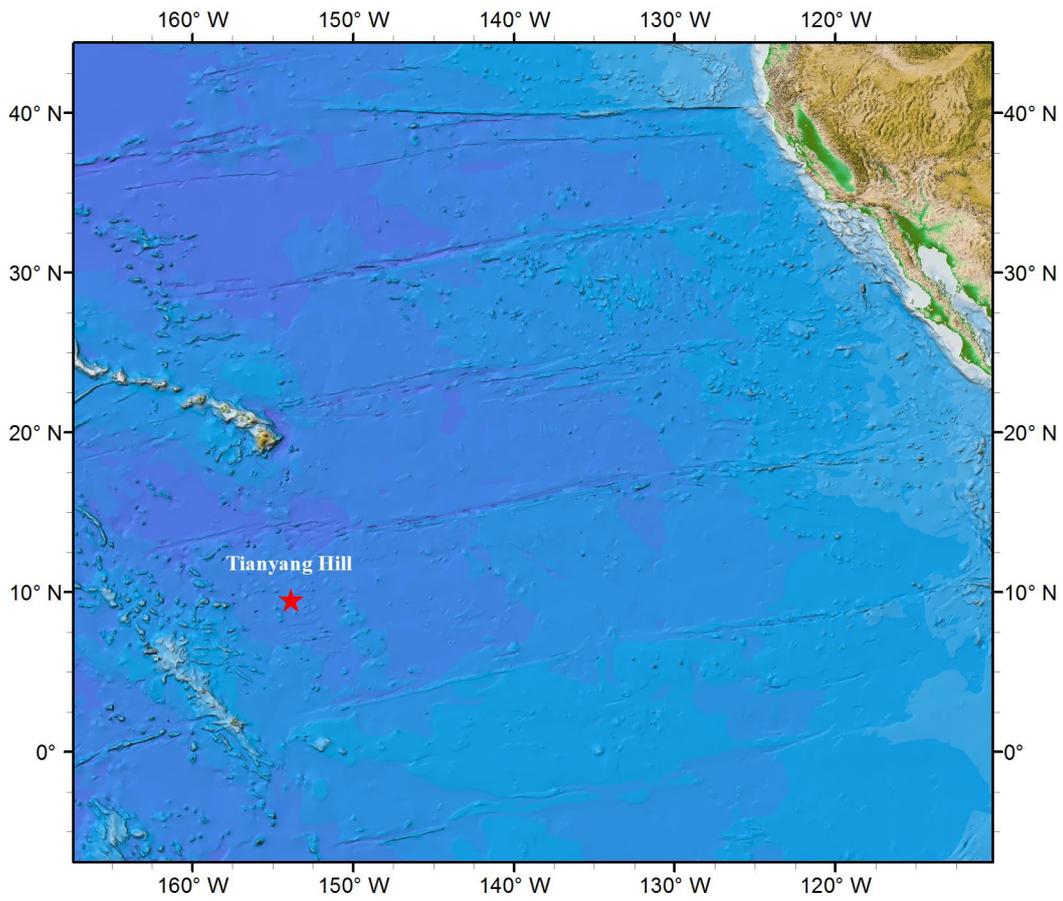


Fig.1 Index map showing the location of Tianyang Hill

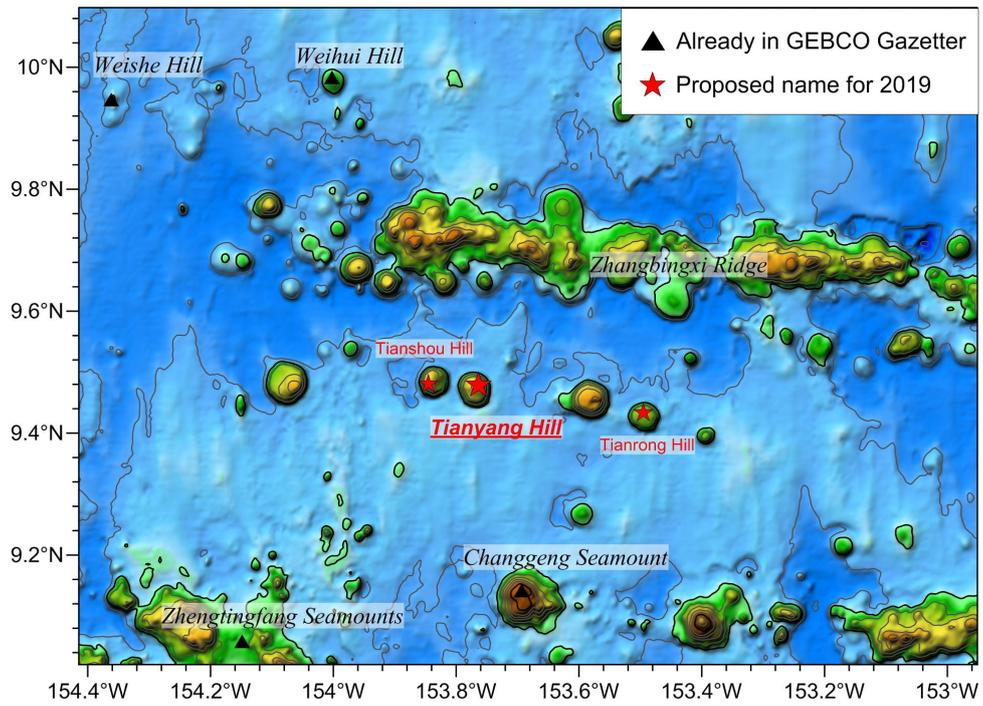


Fig.2 Regional bathymetry map with nearby features of Tianyang Hill

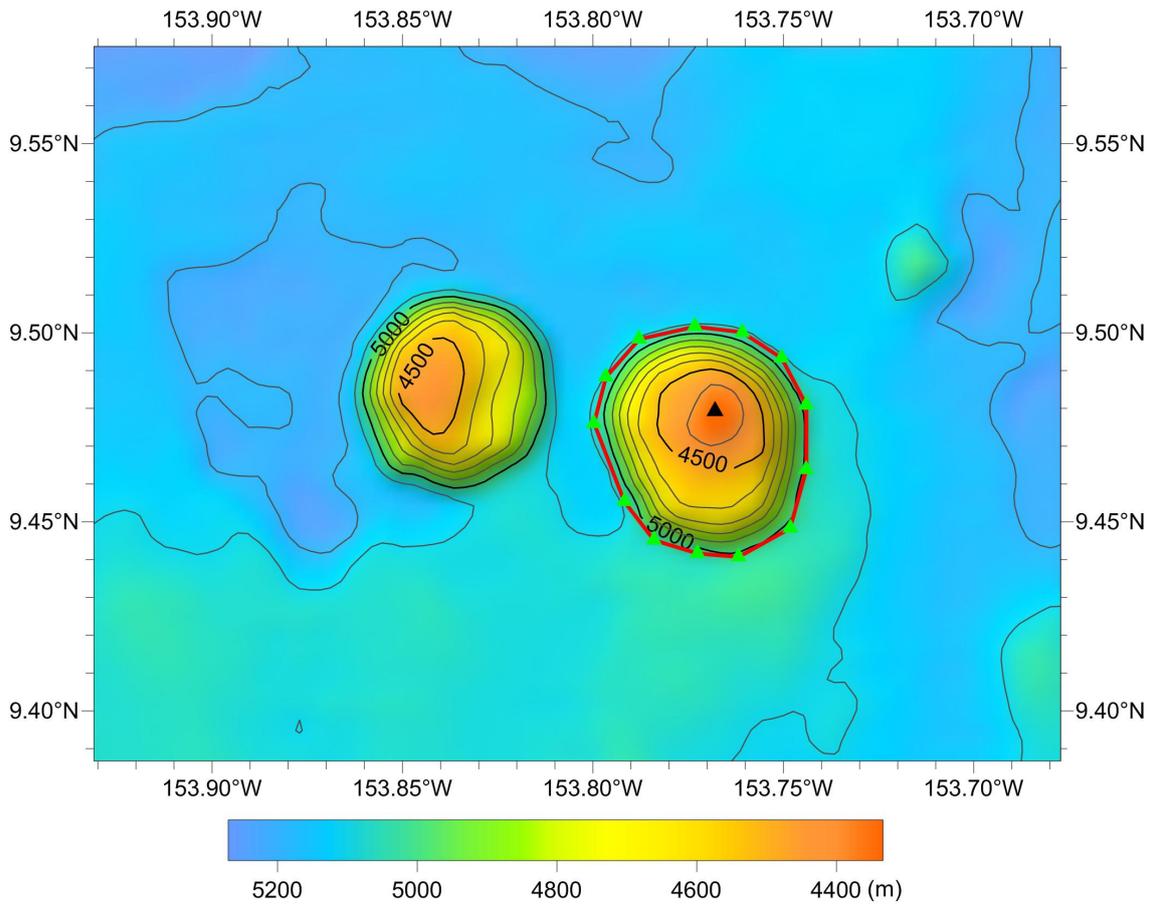


Fig.2 Bathymetric map of Tianyang Hill (Contours are in 100m)

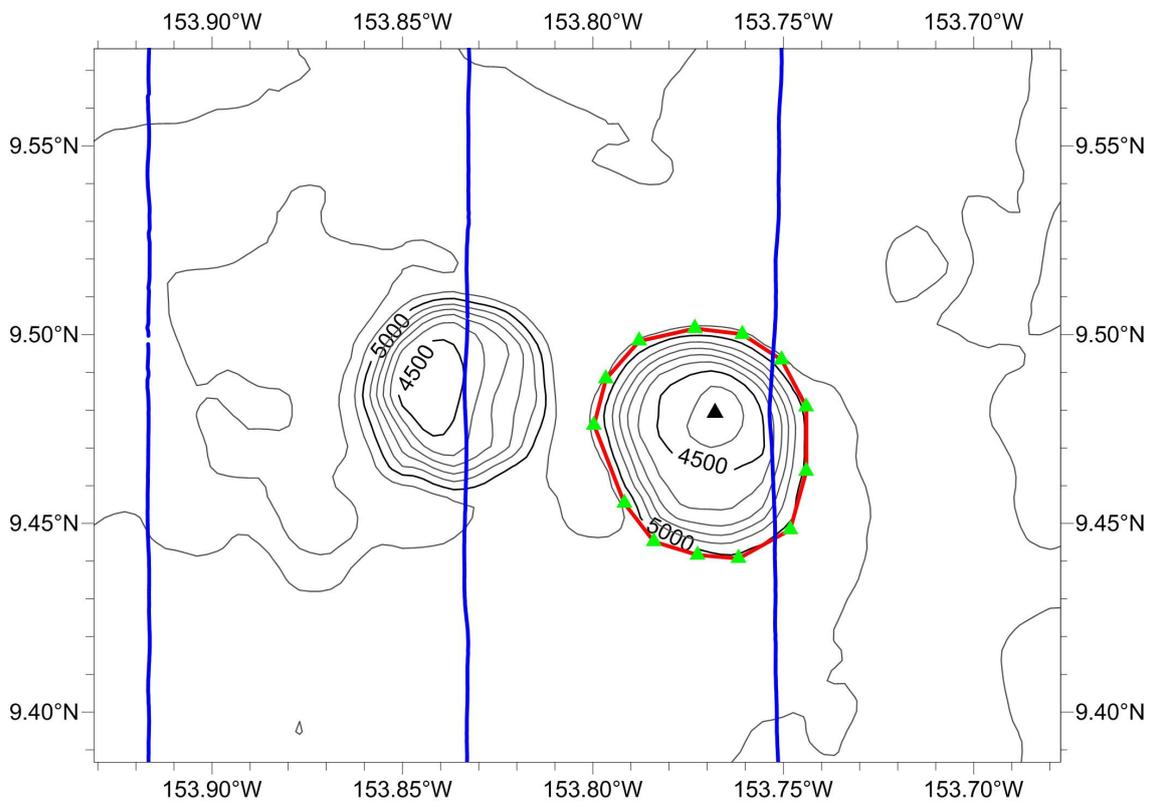


Fig.3 Bathymetric map of Tianyang Hill overlain with track lines (Contours are in 100m, blue lines for the track lines)

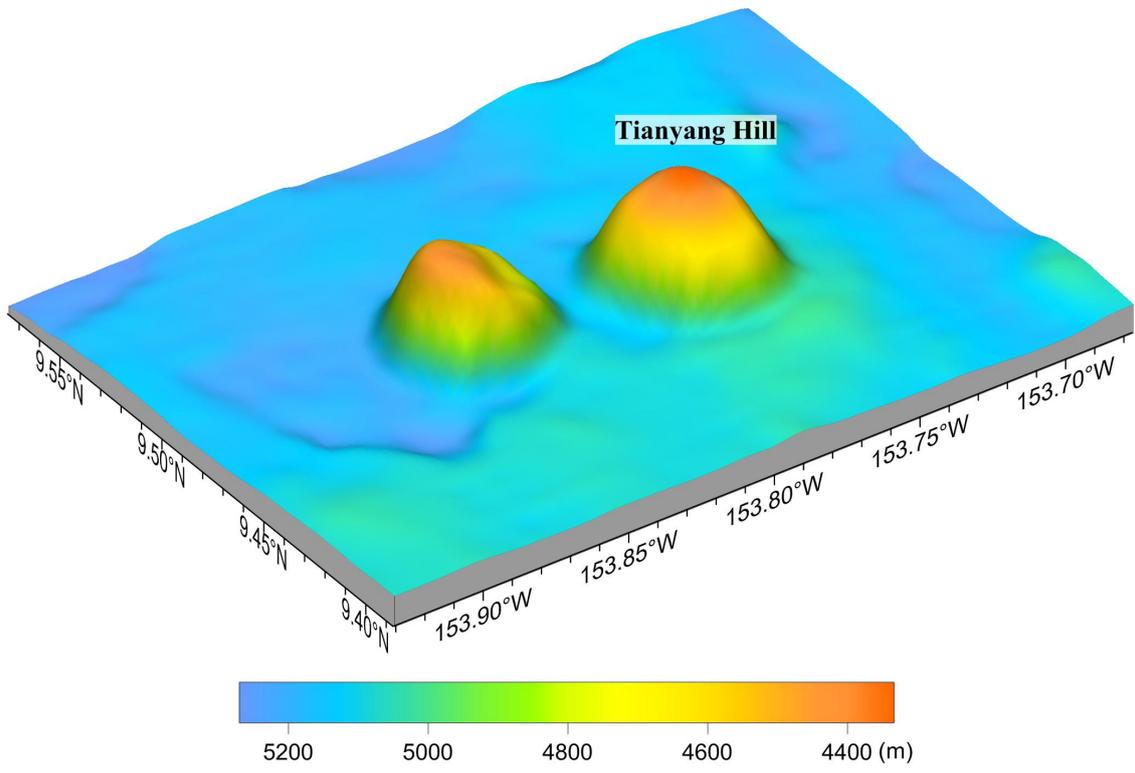


Fig.4 3-D bathymetric map of Tianyang Hill

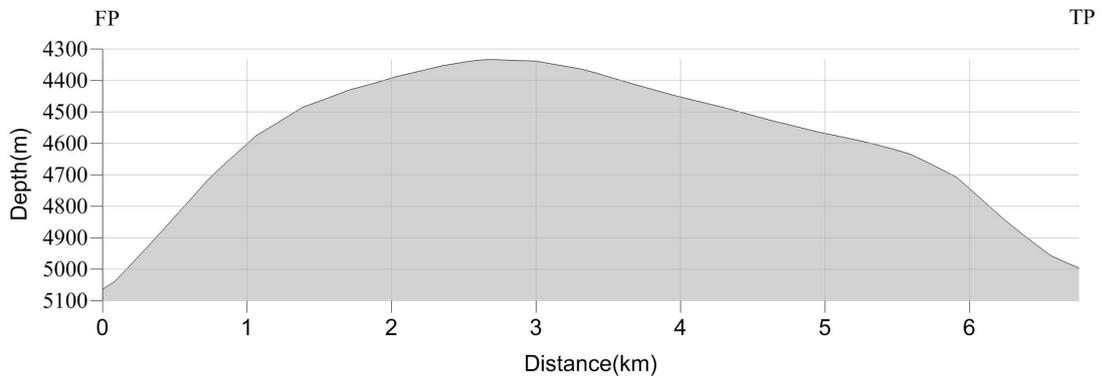
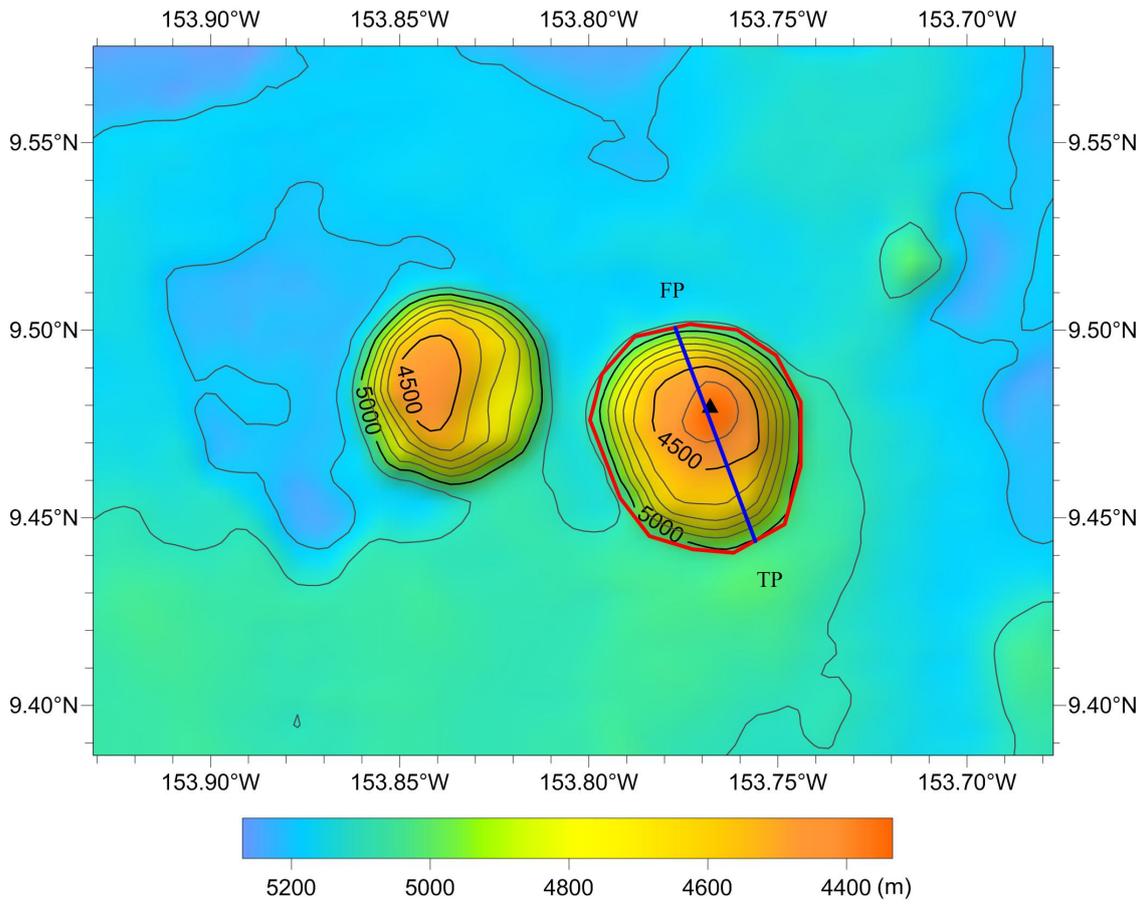


Fig.5 Profile map of Tianyang Hill