

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

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

Name Proposed:	Tianrong 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.

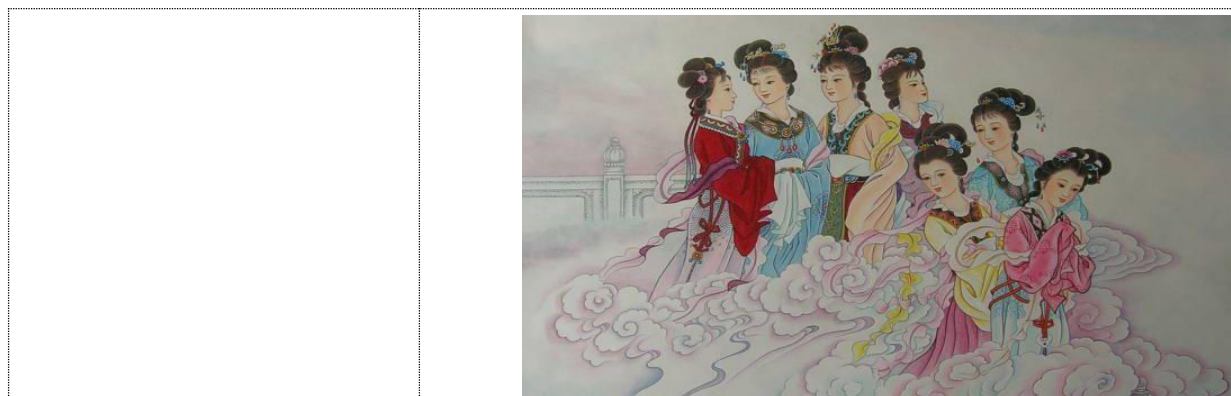
	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
Coordinates:	09°26.0'N(Summit)	153° 29.9'W(Summit)
	09°25.2'N(Bottom)	153° 31.4'W(Bottom)
	09°26.1'N	153° 31.4'W
	09°27.0'N	153° 30.8'W
	09°27.3'N	153° 29.6'W
	09°27.0'N	153° 28.6'W
	09°26.0'N	153° 27.9'W
	09°25.5'N	153° 28.0'W
	09°24.8'N	153° 28.2'W
	09°24.4'N	153° 28.3'W
	09°23.9'N	153° 28.7'W
	09°23.9'N	153° 29.3'W
	09°23.6'N	153° 29.6'W
	09°23.6'N	153° 29.9'W
	09°23.9'N	153° 30.1'W
	09°24.5'N	153° 30.9'W
09°25.2'N(Bottom)	153° 31.4'W(Bottom)	

Feature Description:	Maximum Depth:	5162m	Steepness :	
	Minimum Depth :	4664m	Shape :	Near-circle
	Total Relief :	498m	Dimension/Size :	5.5km×5.5km

Associated Features:	Tianrong Hill is located about 39km northeast to the Changgeng Seamount. It has a nearly circle 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):	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 Tianrong, one fairy's name.
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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 (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	

Proposer(s):	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):	

Remarks:	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	Intergovernmental Oceanographic Commission (IOC) UNESCO
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Attachment

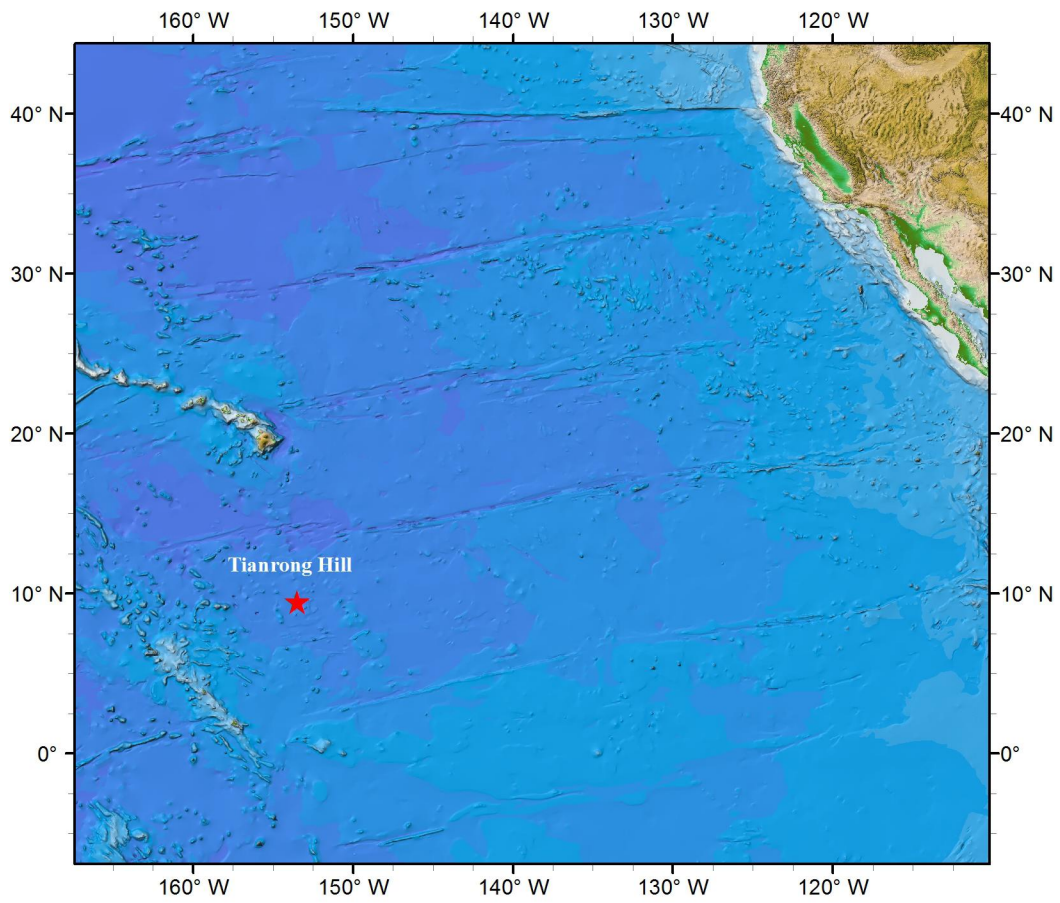


Fig.1 Index map showing the location of Tianrong Hill

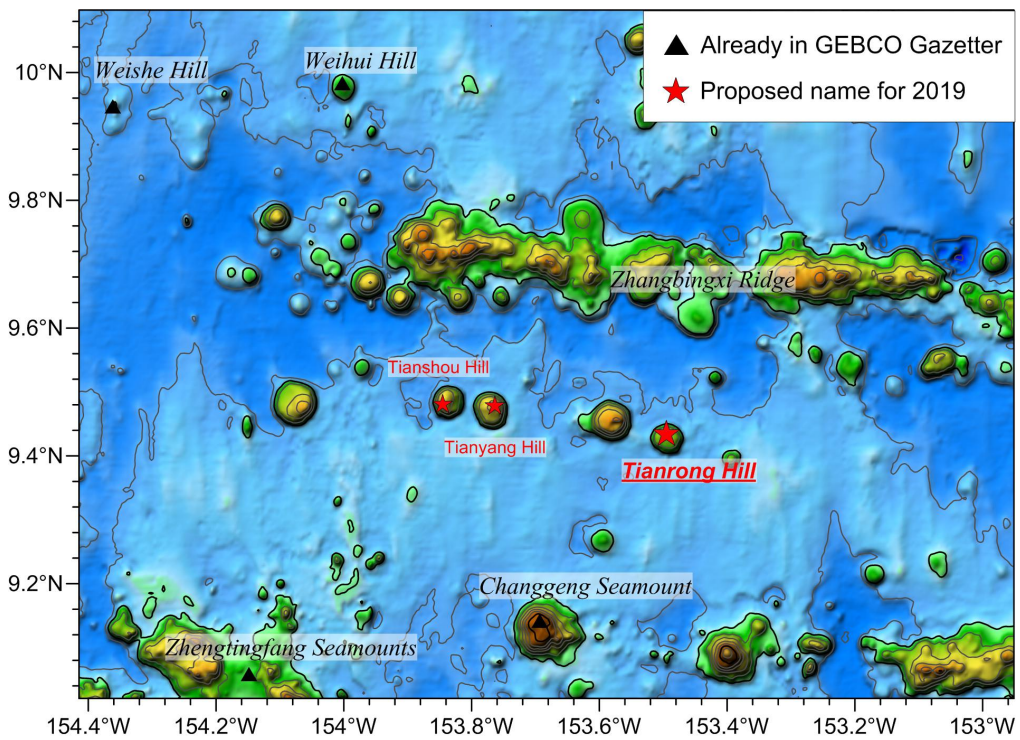


Fig.2 Regional bathymetry map with nearby features of Tianrong Hill

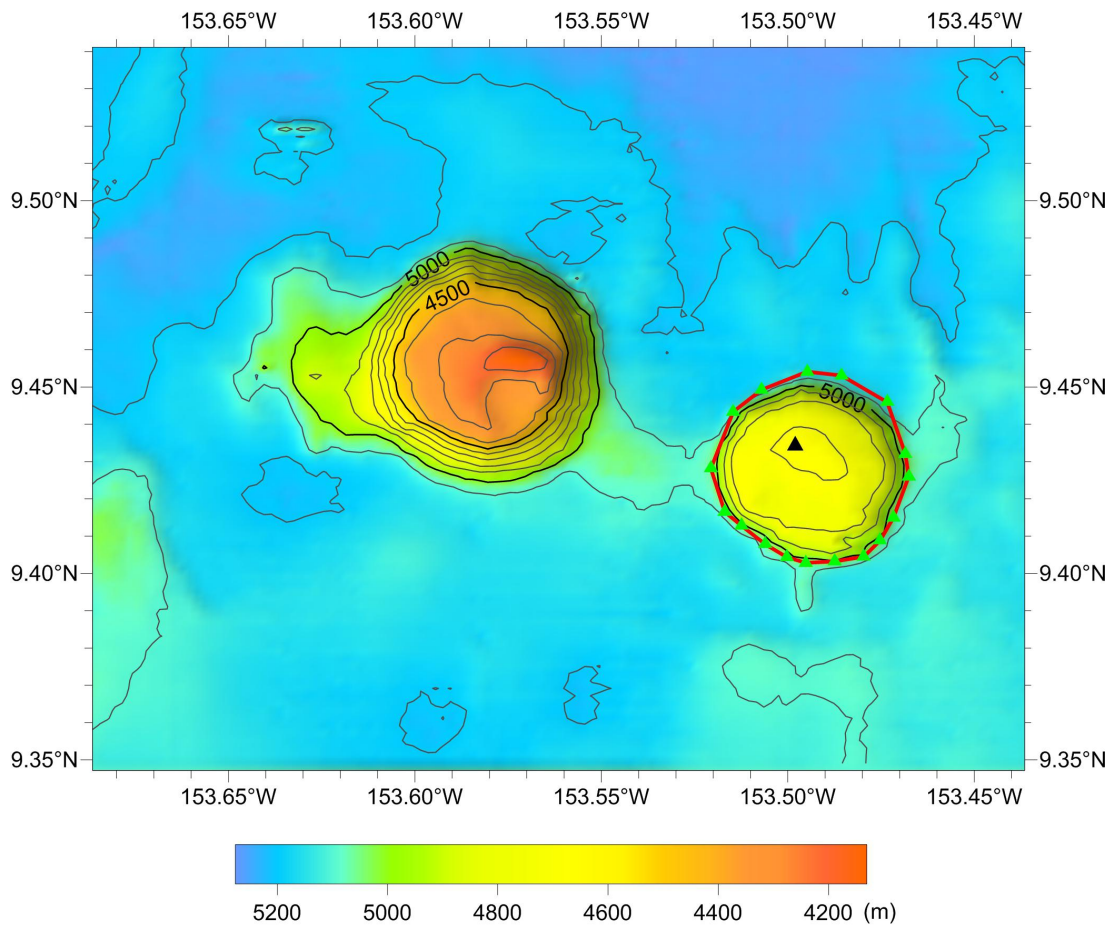


Fig.2 Bathymetric map of Tianrong Hill (Contours are in 100m)

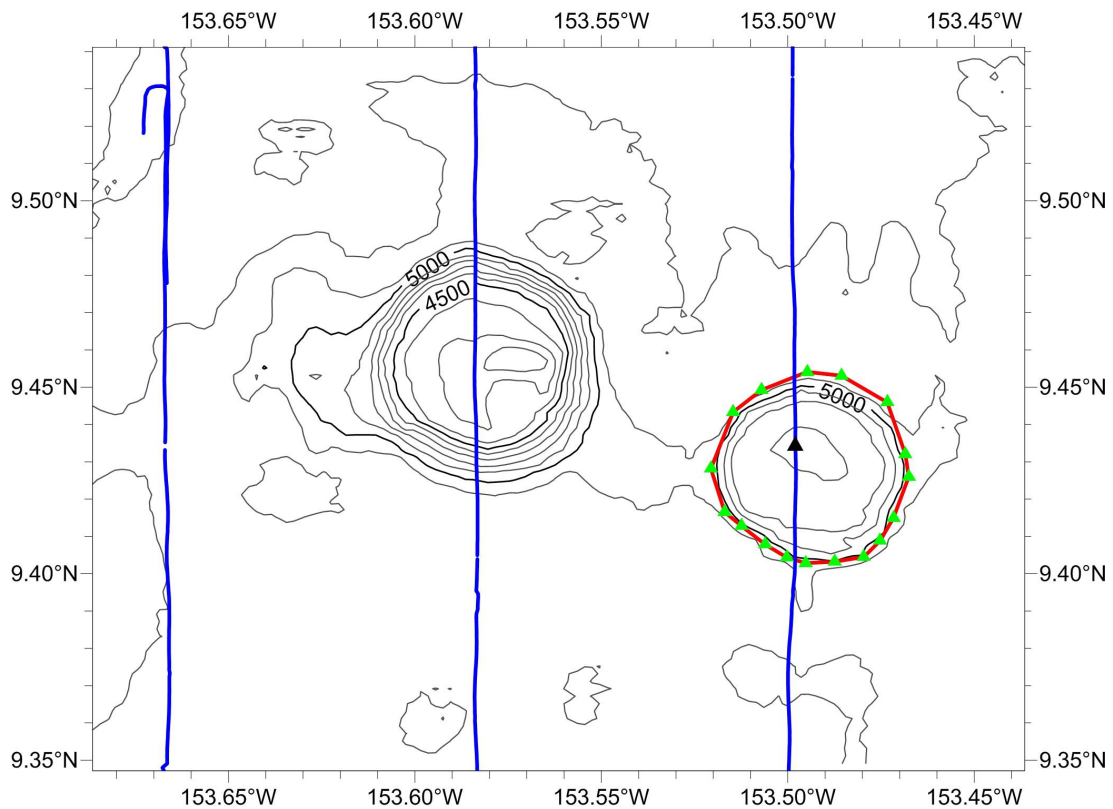


Fig.3 Bathymetric map of Tianrong Hill overlain with track lines (Contours are in 100m, blue lines for the track lines)

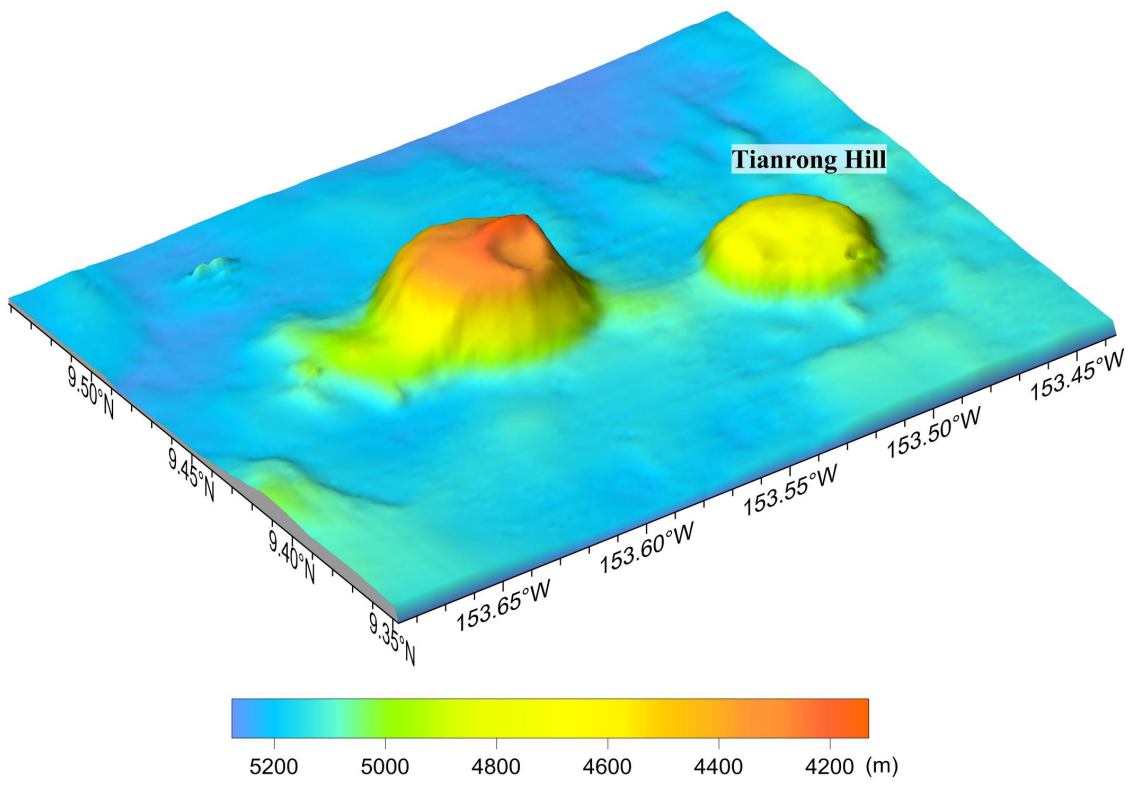


Fig.4 3-D bathymetric map of Tianrong Hill

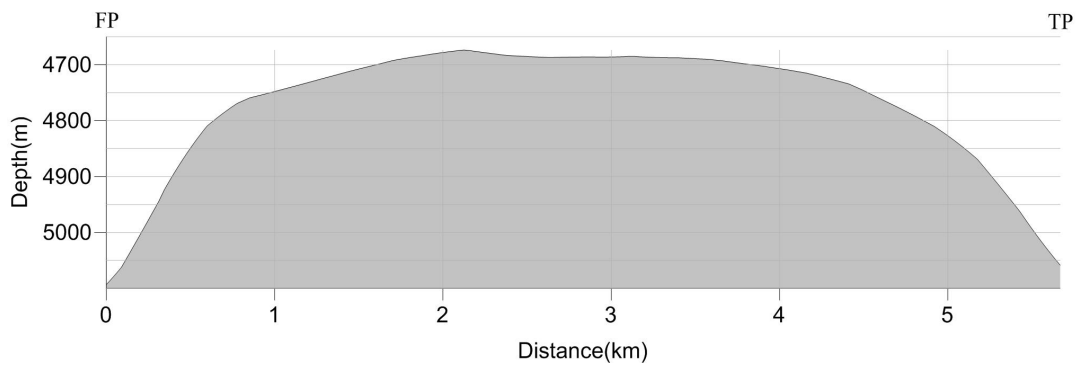
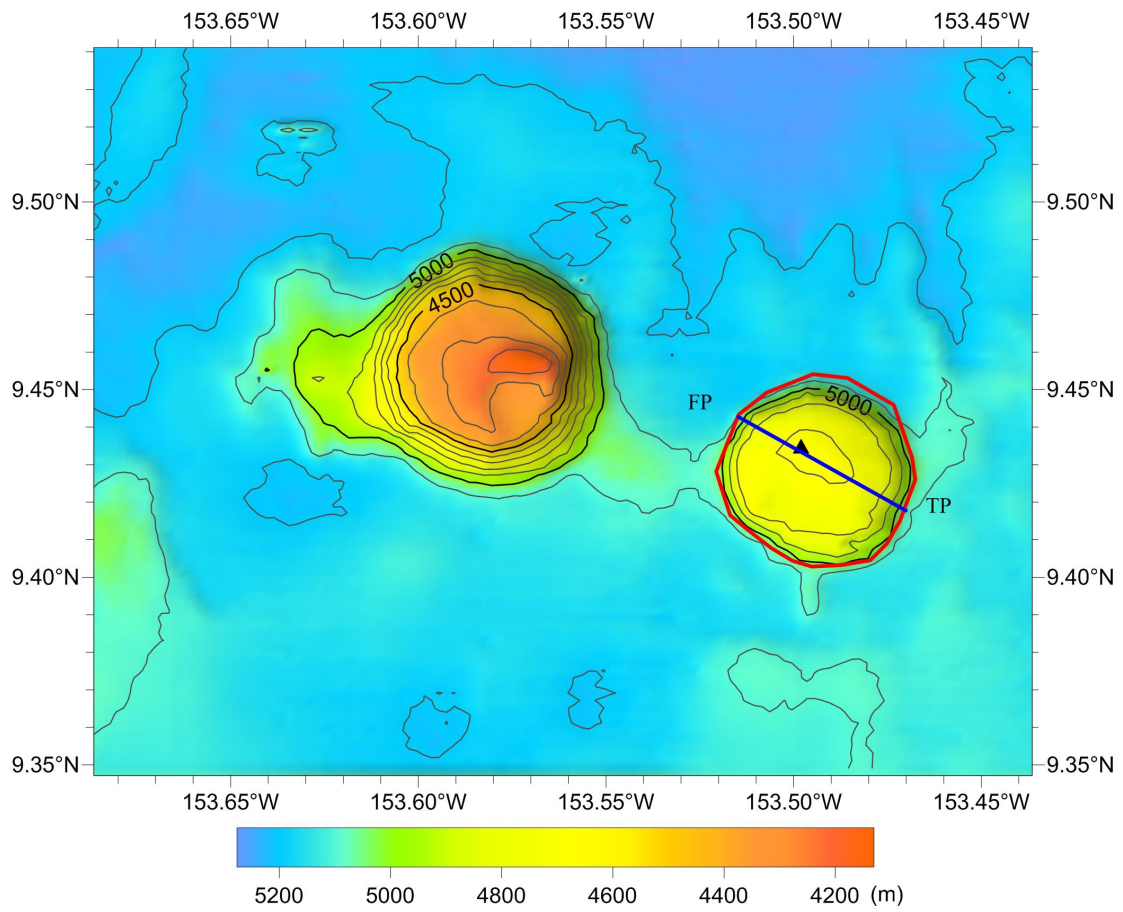


Fig.5 Profile map of Tianrong Hill