

**INTERNATIONAL HYDROGRAPHIC  
ORGANIZATION**

**INTERGOVERNMENTAL  
OCEANOGRAPHIC  
COMMISSION (of UNESCO)**

**UNDERSEA FEATURE NAME PROPOSAL**

(Sea NOTE overleaf)

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

<b>Name Proposed:</b>	Qinggao Seamount	<b>Ocean or Sea:</b>	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)
<b>Coordinates:</b>	09°43.0'N (summit)	153°49.7'W (summit)
	09°48.9'N (bottom)	153°51.1'W (bottom)
	09°46.2'N	153°44.2'W
	09°45.3'N	153°43.0'W
	09°42.7'N	153°43.5'W
	09°40.6'N	153°43.4'W
	09°40.6'N	153°45.7'W
	09°41.3'N	153°47.7'W
	09°40.0'N	153°48.9'W
	09°39.6'N	153°50.8'W
	09°39.3'N	153°51.9'W
	09°41.0'N	153°55.8'W
	09°42.4'N	153°56.9'W
	09°45.2'N	153°56.4'W
09°46.8'N	153°54.3'W	
09°48.9'N	153°51.1'W	

<b>Feature Description:</b>	Maximum Depth:	5250m	Steepness :	
	Minimum Depth :	4050m	Shape :	
	Total Relief :	1200m	Dimension/Size :	23km x 24km

**Associated Features:**

This seamount is located in the western part of ridge. There are a few small peaks developed on the top of the seamount.

<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):	Xie Qinggao(1765—1821) traveled all around the world from 18 years old with the merchant ship until he was blind. He wrote the book “Hai Lu” which records the political system, local customs, products, language and so on of the counties he travelled, including England. The book helped Chinese people to learn about the world. Qinggao Seamount is named to commemorate Xie Qinggao’s remarkable accomplishments in marine navigation history of China.
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<b>Discovery Facts:</b>	Discovery Date:	Aug. 1995
	Discoverer (Individual, Ship):	R/V Dayang Yihao

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	Aug. 1995
	Survey Ship:	R/V Dayang Yihao
	Sounding Equipment:	Multi-beam sounding system (Seabeam2112.360)
	Type of Navigation:	Sercel NR51 DGPS
	Estimated Horizontal Accuracy (nm):	<=0.08nm
	Survey Track Spacing:	5nm
	Supporting material can be submitted as Annex in analog or digital form.	

<b>Proposer(s):</b>	Name(s):	Haiwen Zhang
	Date:	14 May 2014
	E-mail:	heyunxu@sina.com
	Organization and Address:	Sub Committee on Undersea Feature Names of China Committee on Geographical Names No.1 Fuxingmenwai Ave. Beijing

<b>Remarks:</b>	
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**Attachment**

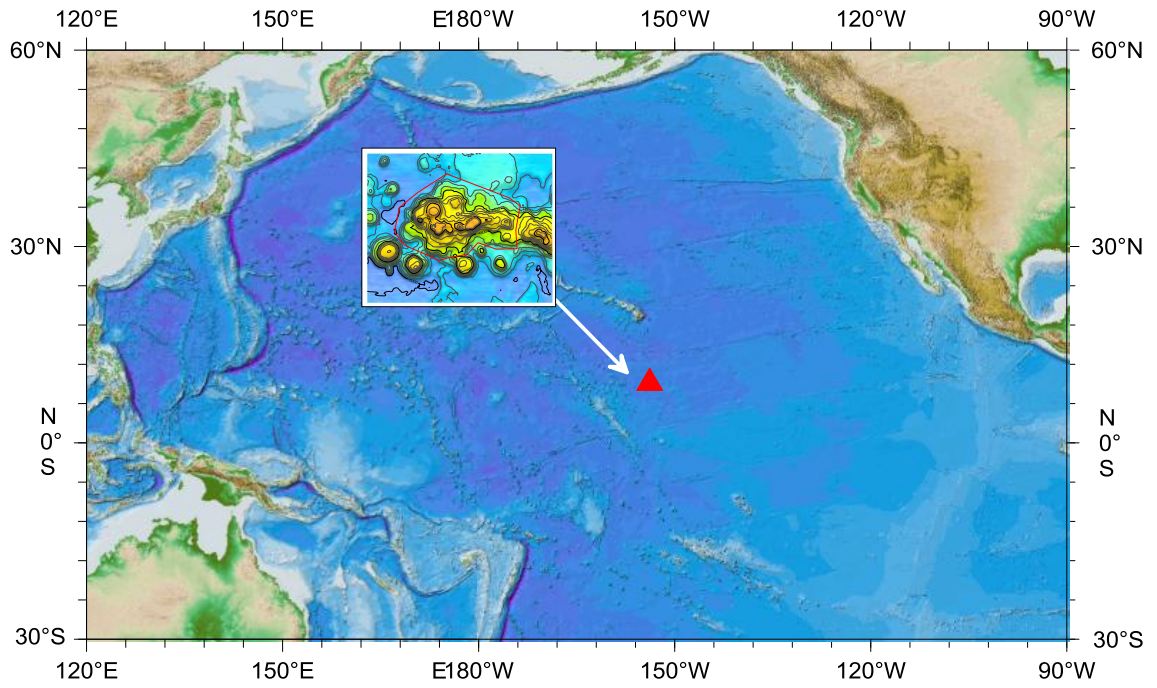


Fig.1 Index map showing the location of the Qinggao Seamount.

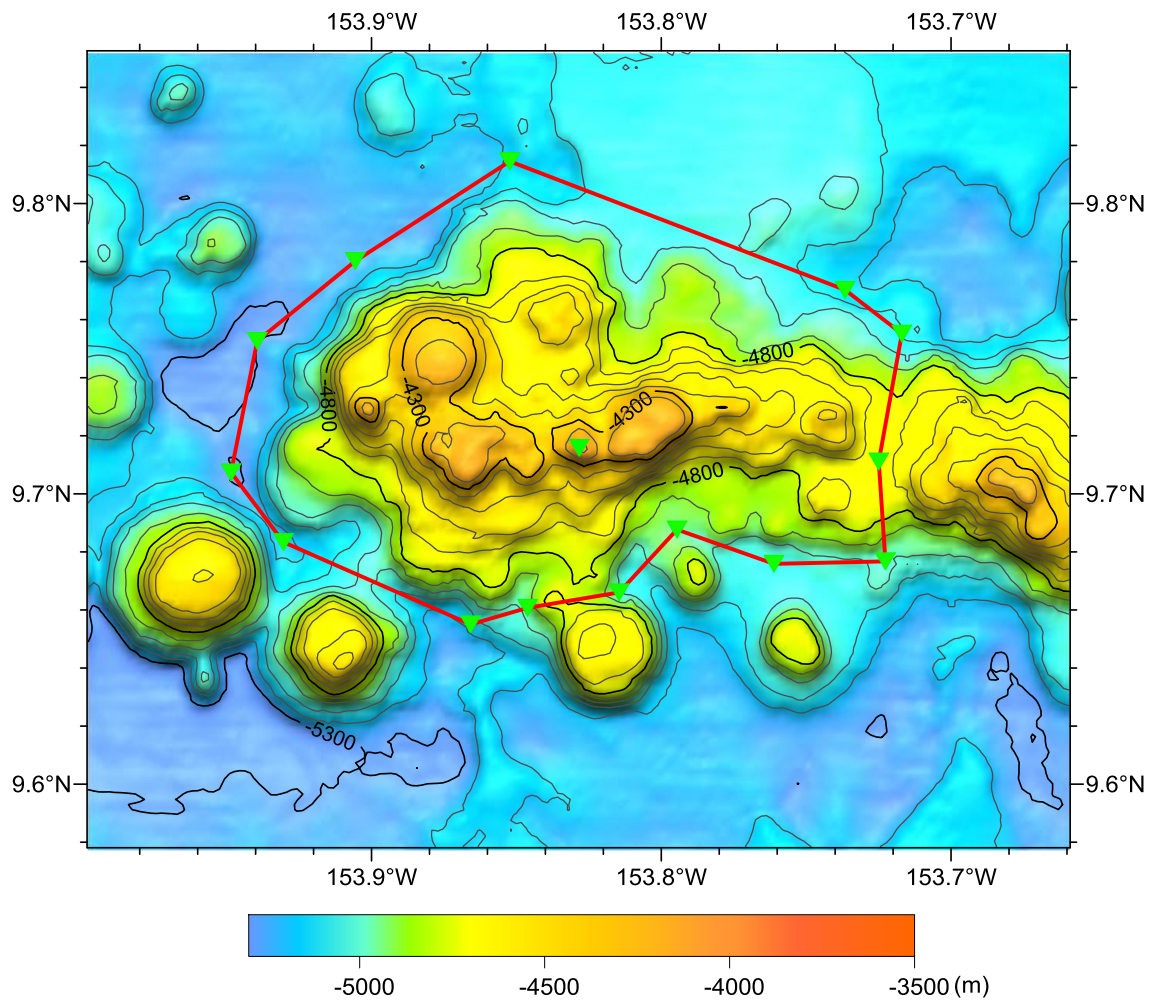


Fig.2 Bathymetric map of the Qinggao Seamount. (Contours are in 100 m)

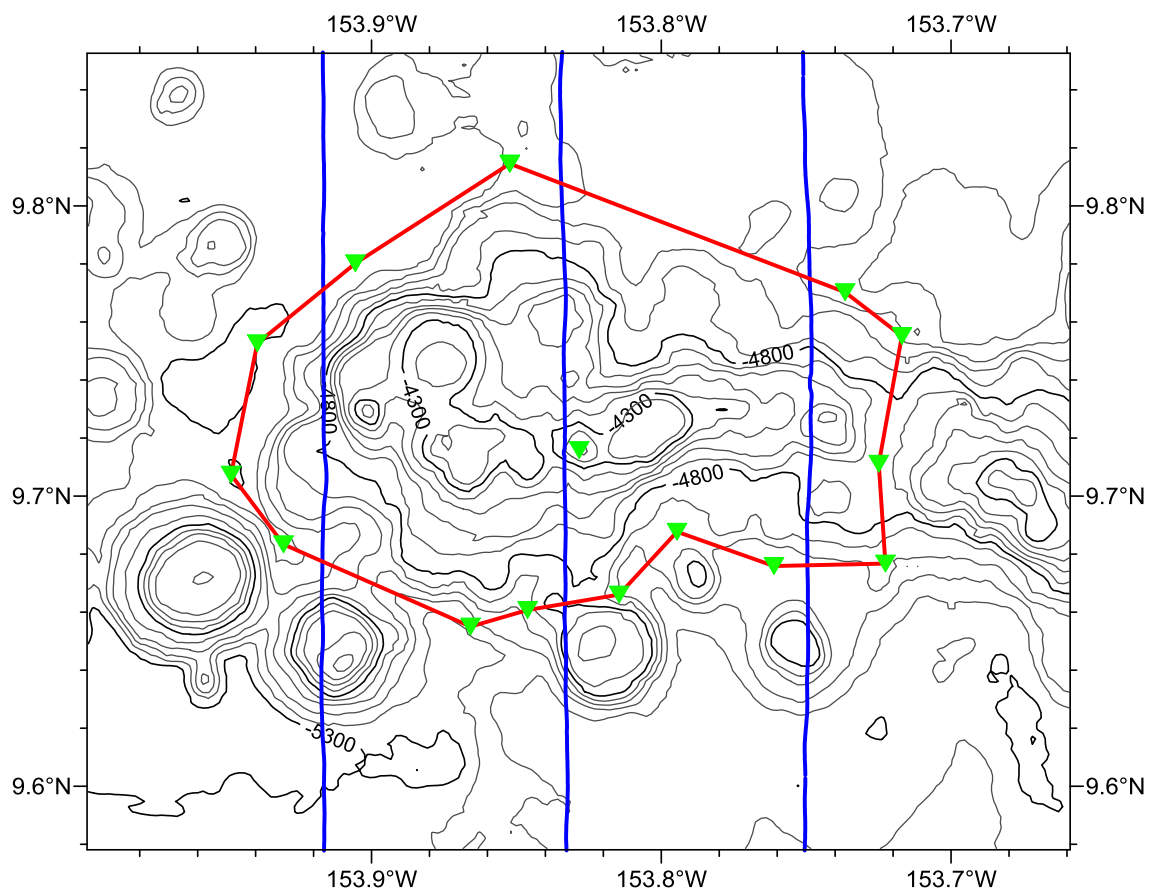


Fig.3 Bathymetric map of the Qinggao Seamount, showing track lines.  
(Contours are in 100 m, blue lines for the track lines)

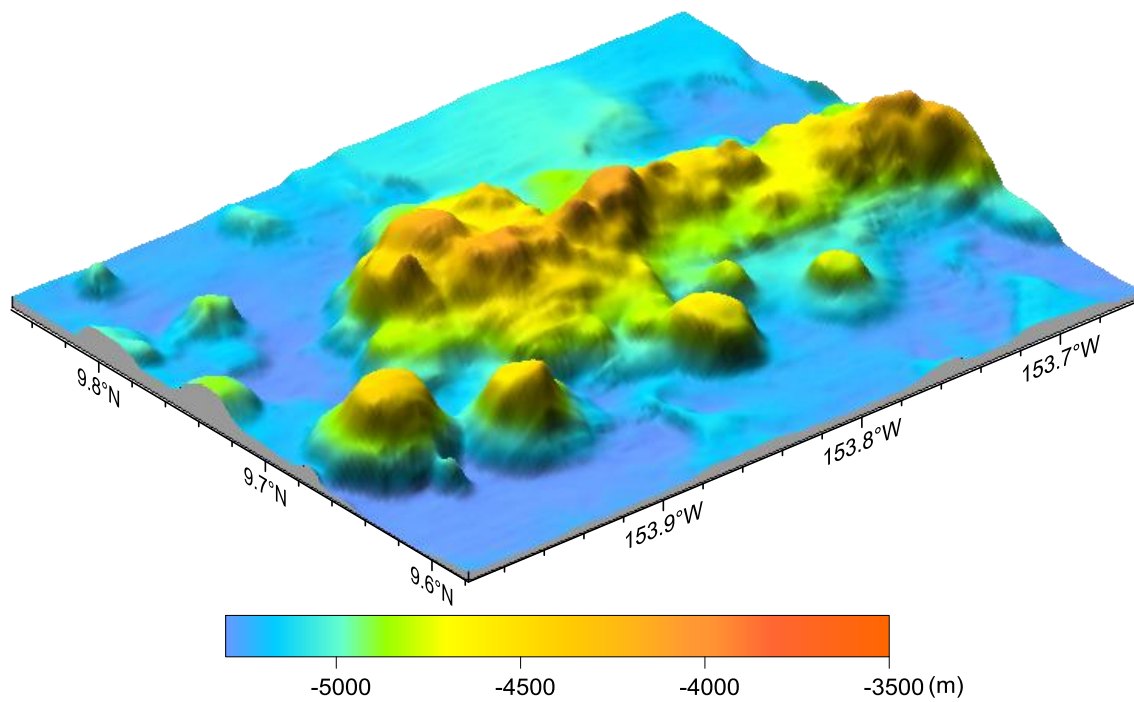


Fig.4 3-D bathymetric map of the Qinggao Seamount.

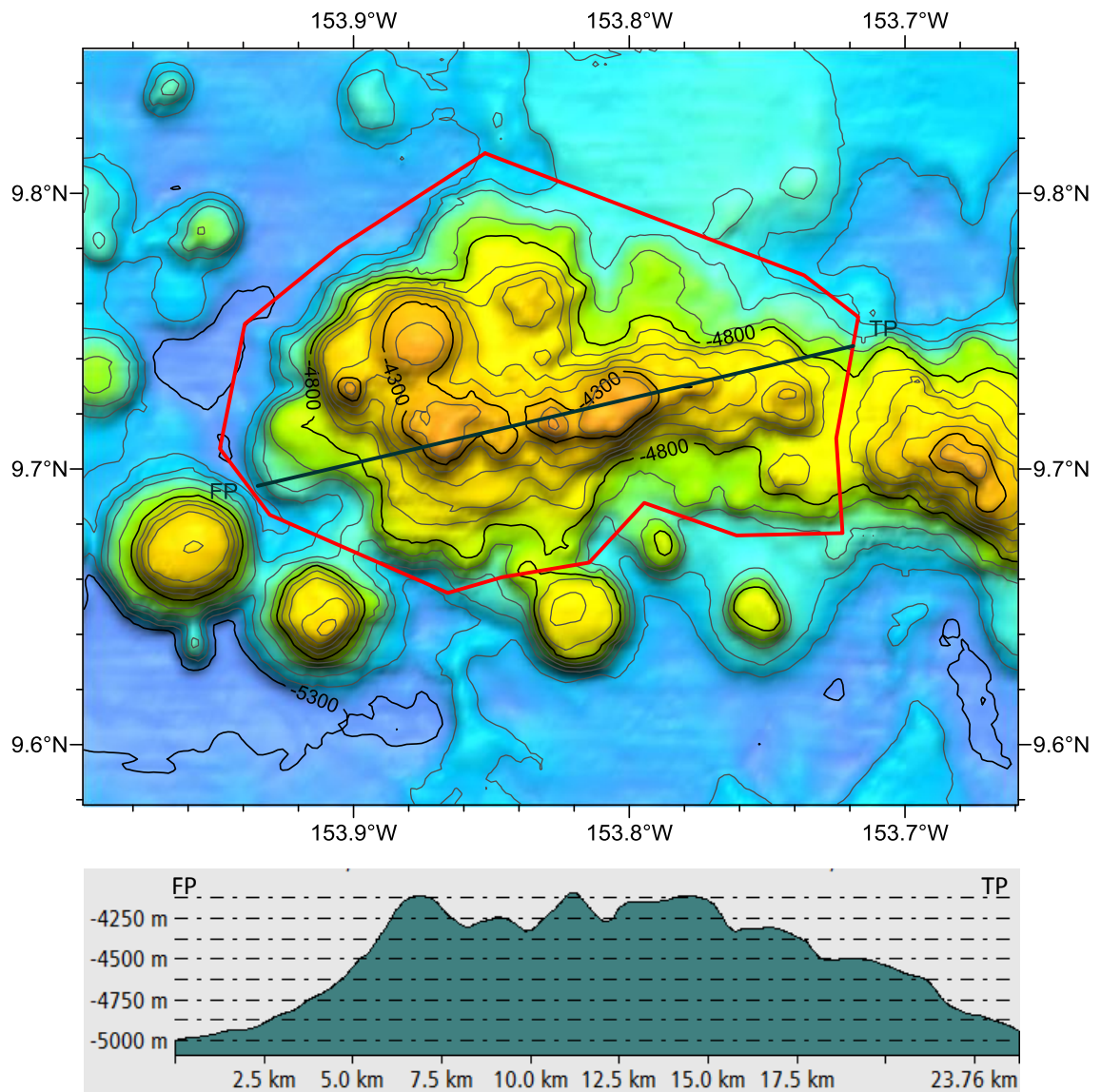


Fig.5 Profile map of the Qinggao Seamount.