

**UNDERSEA FEATURE NAME PROPOSAL**  
(Sea NOTE overleaf)

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

<b>Name Proposed:</b>	<b>Weiyuan Seamount</b>	<b>Ocean or Sea:</b>	<b>Central East Pacific Ocean</b>
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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° 48.3' N (summit)	154° 31.8' W (summit)
	09° 49.3' N (bottom)	154° 36.7' W (bottom)
	09° 51.9' N	154° 36.3' W
	09° 54.0' N	154° 34.3' W
	09° 54.9' N	154° 32.1' W
	09° 53.5' N	154° 30.0' W
	09° 51.6' N	154° 28.1' W
	09° 50.5' N	154° 27.2' W
	09° 49.0' N	154° 26.3' W
	09° 47.5' N	154° 26.3' W
	09° 45.5' N	154° 27.4' W
	09° 44.0' N	154° 28.0' W
	09° 43.4' N	154° 30.1' W
	09° 42.5' N	154° 31.7' W
	09° 42.9' N	154° 34.3' W
	09° 45.2' N	154° 35.9' W
	09° 47.3' N	154° 36.6' W
09° 49.2' N	154° 36.7' W	

<b>Feature Description:</b>	Maximum Depth:	5000 m	Steepness :	
	Minimum Depth :	2950 m	Shape :	
	Total Relief :	2050m	Dimension/Size :	22 ×19km

<b>Associated Features:</b>	
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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):	Wei Yuan (1794~1857) is a great thinker, politician and litterateur in Qing Dynasty in China. He wrote a book named "Map Journal of the Oceanic Nations", which is a great geographical and historical monumental work in the late Qing Dynasty. Weiyuan Seamounts is named to commemorate Wei Yuan's remarkable accomplishments.
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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 ( SeaBeam 2112.360 )
	Type of Navigation:	Sercel NR51 DGPS
	Estimated Horizontal Accuracy (nm):	
	Survey Track Spacing:	5nm
Supporting material can be submitted as Annex in analog or digital form.		

<b>Proposer(s):</b>	Name(s):	Zhanhai ZHANG
	Date:	22 Sept. 2012
	E-mail:	heyunxu@hotmail.com
	Organization and Address:	State Oceanic Administration, China No.1 Fuxingmenwai Ave. Beijing

<b>Remarks:</b>	
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Attachments:

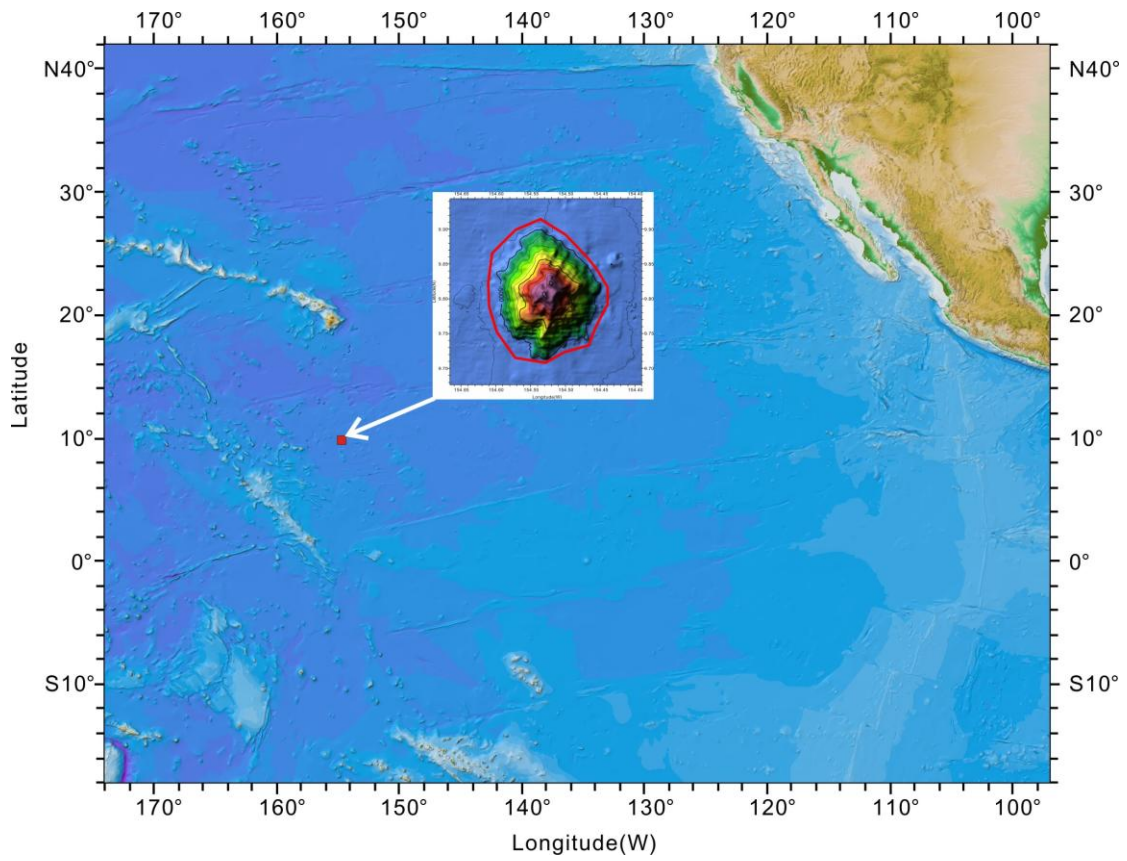


Fig.1 Index map showing the location of the Weiyuan Seamount.

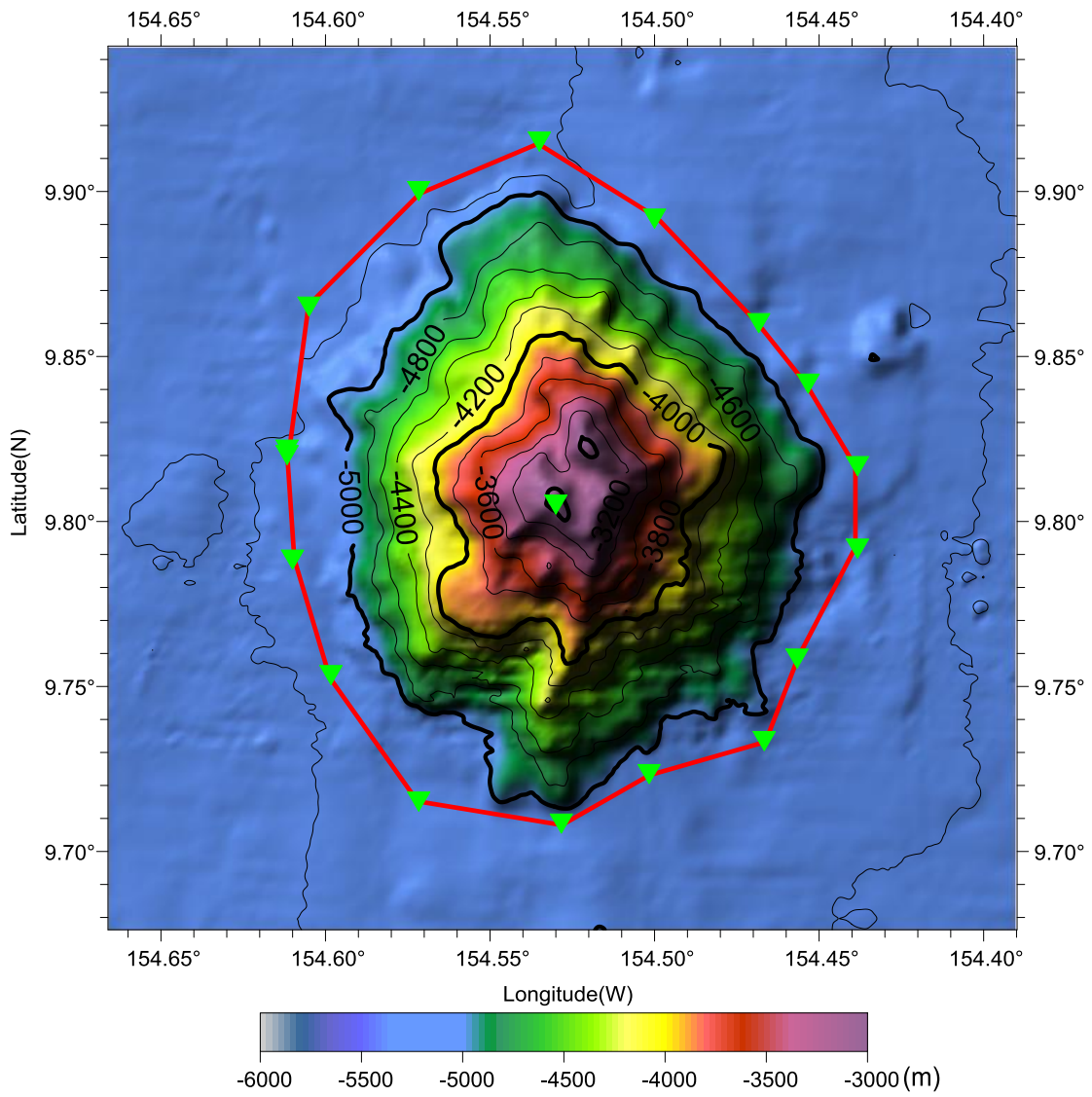


Fig.2 Bathymetric map of the Weiyuan Seamount. (Contours are in 200 m)

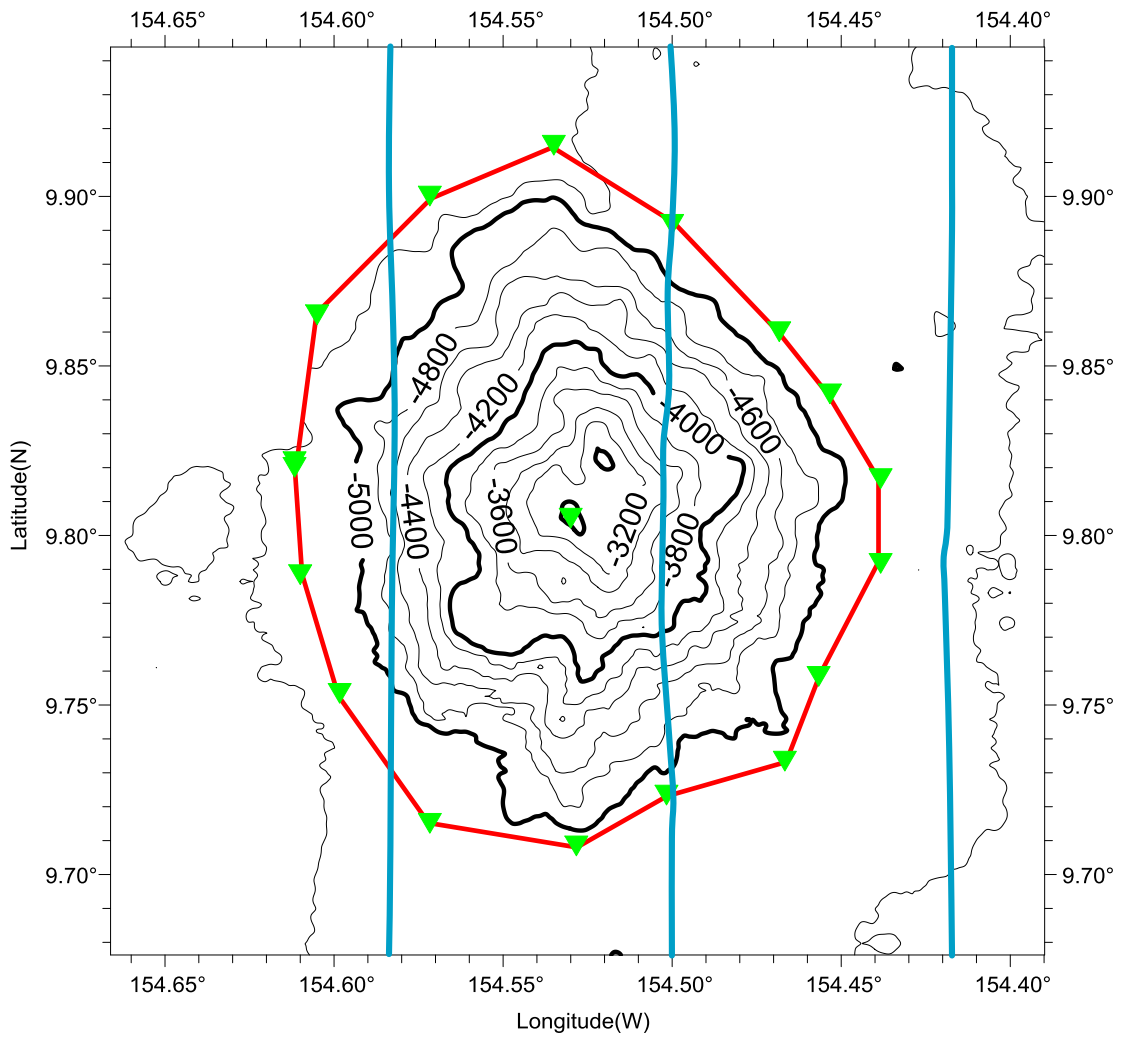


Fig.3 Bathymetric map of the Weiyuan Seamount, showing track lines. (Contours are in 200 m)

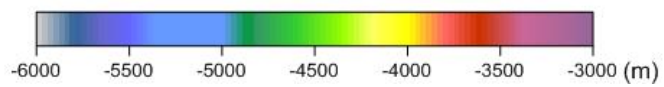
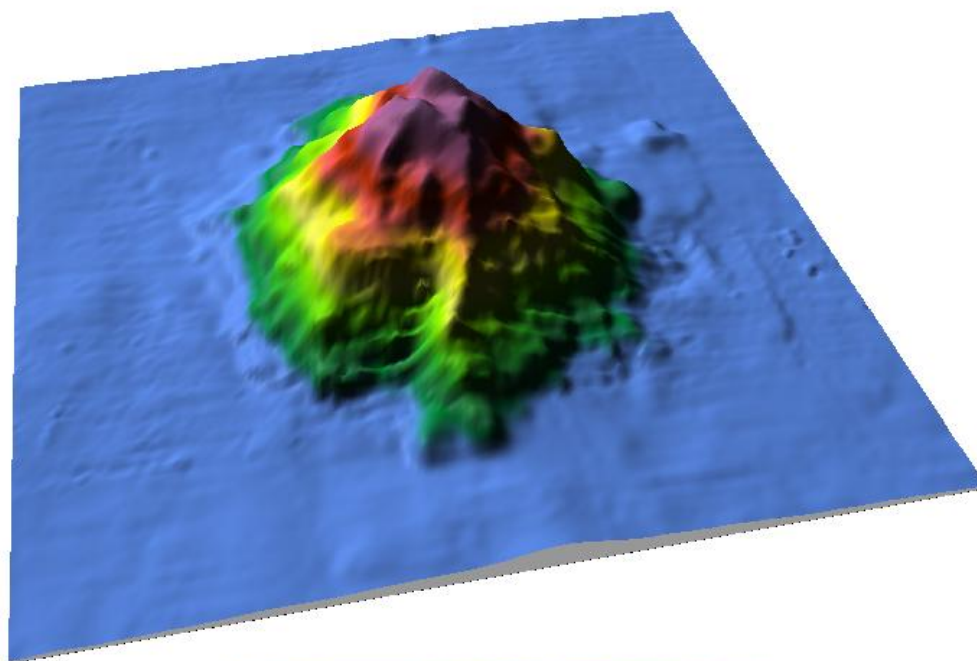


Fig.4 3-D bathymetric map of the Weiyuan Seamount

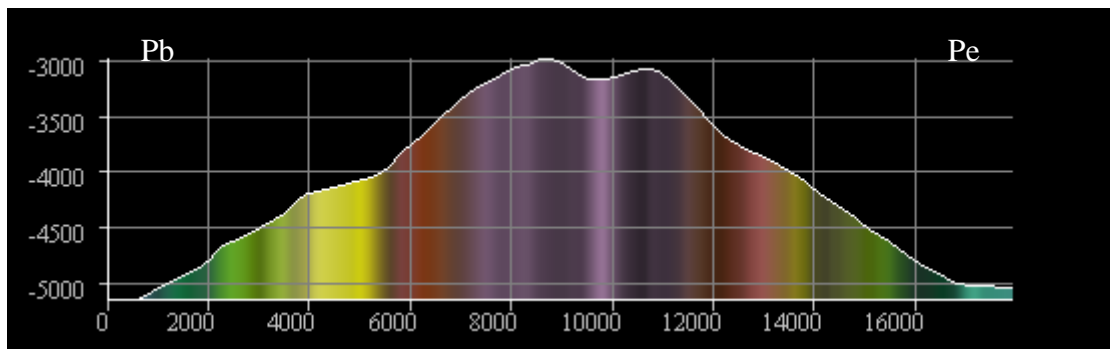
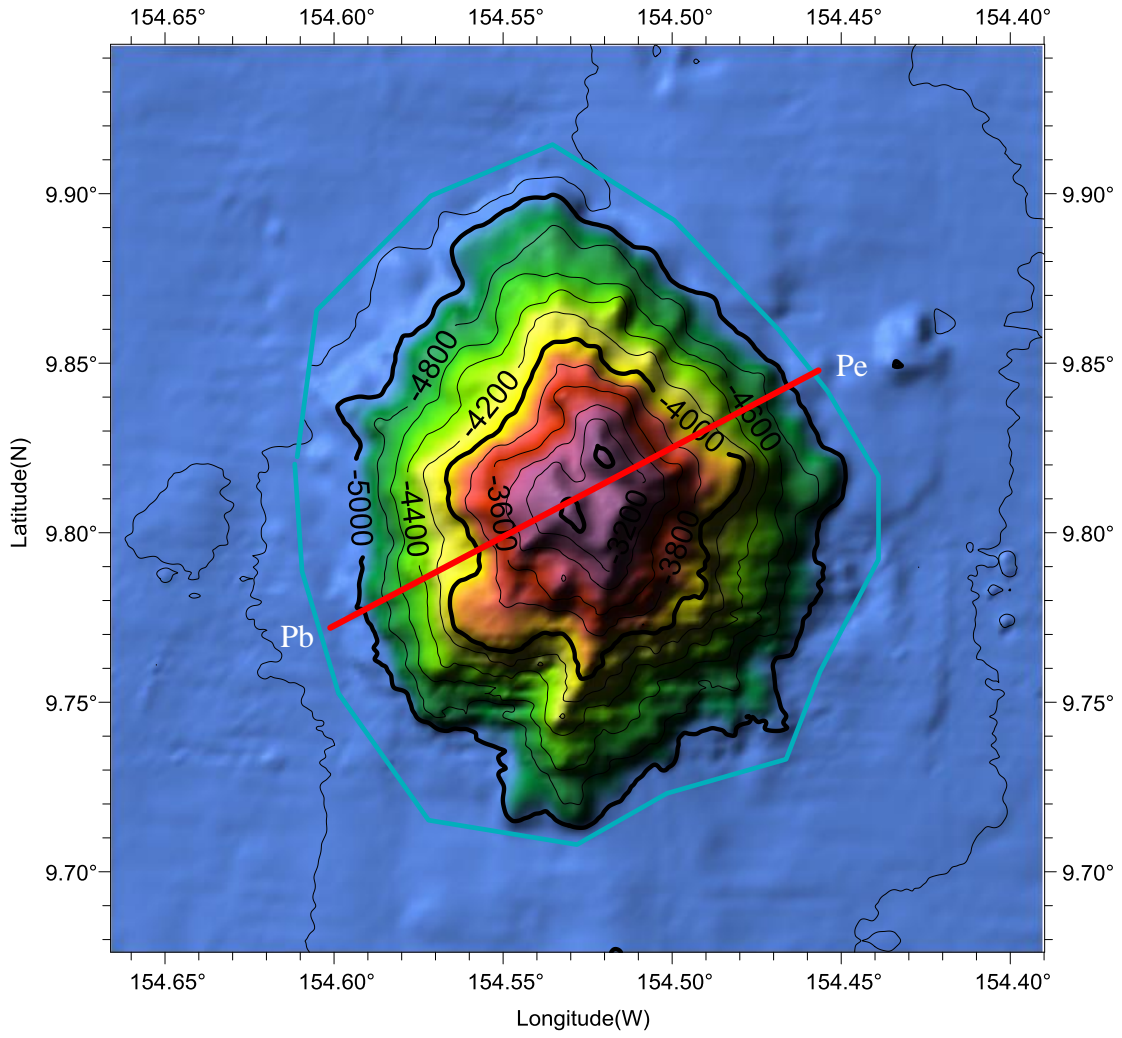


Fig.5 Profiles bathymetric map of the Weiyuan Seamount