

UNDERSEA FEATURE NAME PROPOSAL
(Sea NOTE overleaf)

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

Name Proposed:	Qianyu Guyot	Ocean or Sea:	Northwest 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:	22° 58.4' N (summit)	175° 38.5' E (summit)
	22° 52.7' N (bottom)	175° 27.2' E (bottom)
	22° 47.4' N	175° 29.6' E
	22° 45.9' N	175° 32.8' E
	22° 45.4' N	175° 34.1' E
	22° 45.5' N	175° 38.2' E
	22° 48.5' N	175° 41.2' E
	22° 50.2' N	175° 44.0' E
	22° 52.3' N	175° 45.7' E
	22° 57.4' N	175° 45.8' E
	22° 59.5' N	175° 47.1' E
	23° 00.8' N	175° 52.4' E
	23° 02.8' N	175° 54.5' E
	23° 06.8' N	175° 55.3' E
	23° 10.7' N	175° 52.6' E
	23° 13.1' N	175° 47.9' E
	23° 14.2' N	175° 43.7' E
	23° 14.0' N	175° 40.4' E
	23° 11.9' N	175° 38.7' E
	23° 07.7' N	175° 37.5' E
23° 04.9' N	175° 35.8' E	
23° 02.4' N	175° 33.3' E	
22° 58.2' N	175° 28.9' E	
22° 52.8' N	175° 27.1' E	

Feature Description:	Maximum Depth:	5200m	Steepness :	
	Minimum Depth :	1200m	Shape :	
	Total Relief :	4000m	Dimension/Size :	50km×32km

Associated Features:	
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.06
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	The word "Qianyu" means fish diving in deep water, quoted from a poem in <i>the Book of Songs</i> (a collection of poems in ancient Chinese Literature). <i>The fish may make a leap, or remain in the deep.</i> It is named after the shape of the seamount, which looks like a diving fish.
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Discovery Facts:	Discovery Date:	Aug.2011
	Discoverer (Individual, Ship):	R/V Haiyang Lihao

Supporting Survey Data, including Track Controls:	Date of Survey:	Aug.2011
	Survey Ship:	R/V Haiyang Lihao
	Sounding Equipment:	Multi-beam sounding system (EM122)
	Type of Navigation:	StarFire-2050M WAD DGPS
	Estimated Horizontal Accuracy (nm):	<=0.0054nm
	Survey Track Spacing:	4.8nm
Supporting material can be submitted as Annex in analog or digital form.		

Proposer(s):	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

Remarks:	
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Attachments:

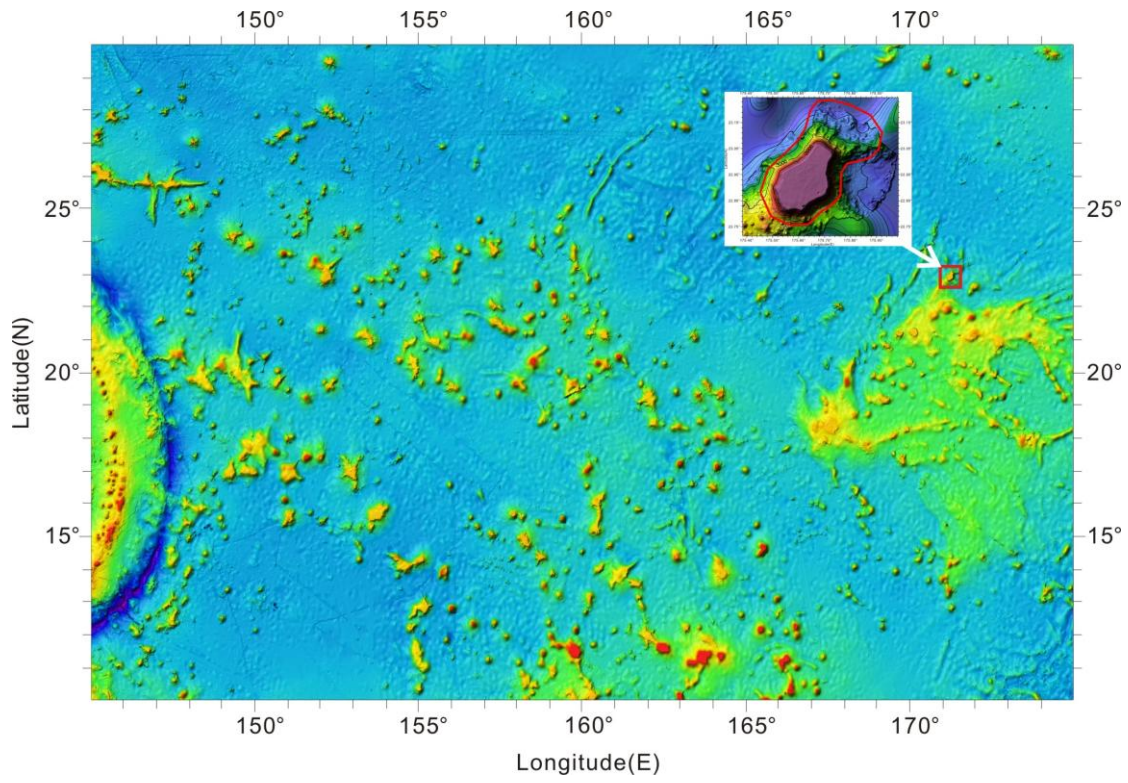


Fig.1 Index map showing the location of the Qianyu Guyot

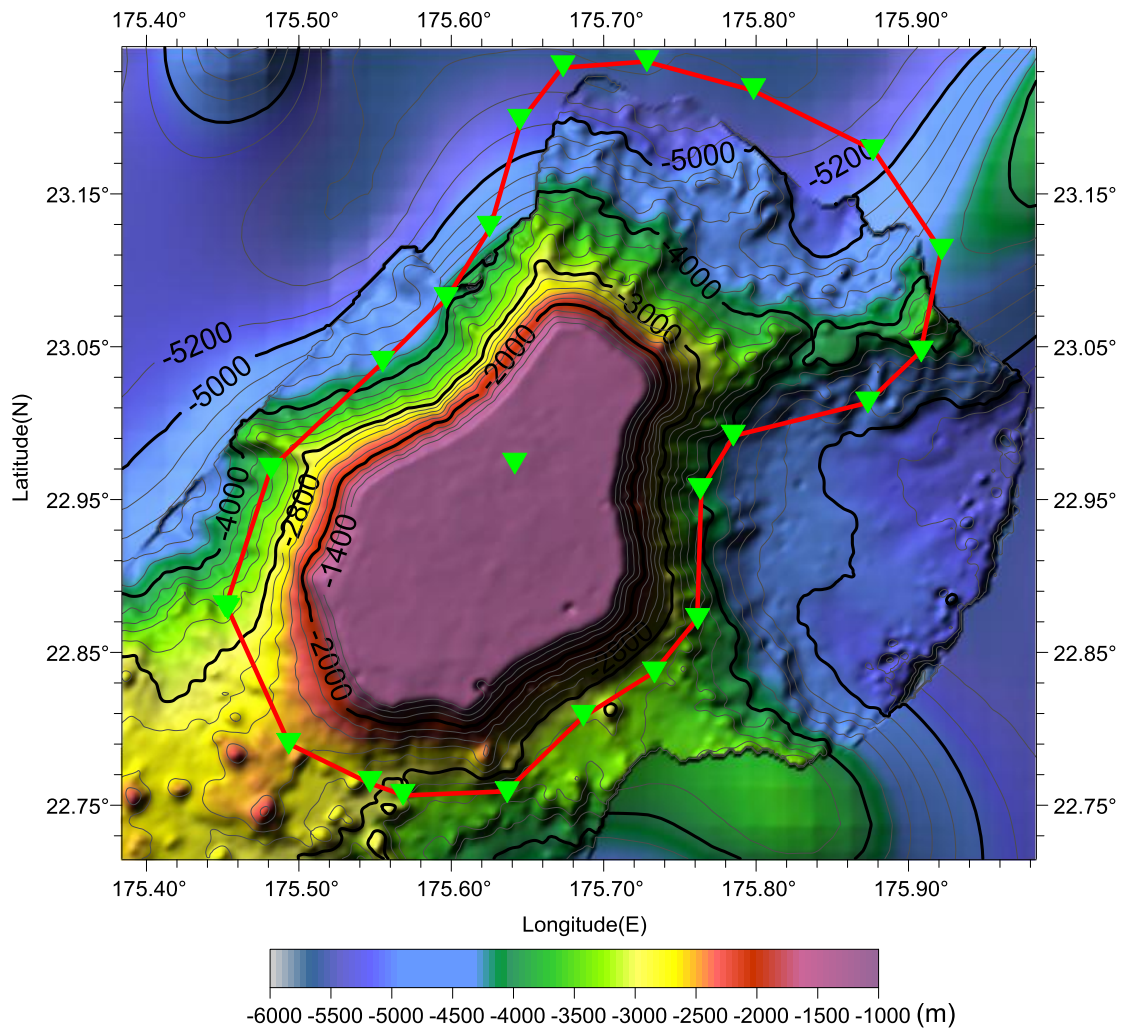


Fig.2 Bathymetric map of the Qianyu Guyot. (Contours are in 200 m)

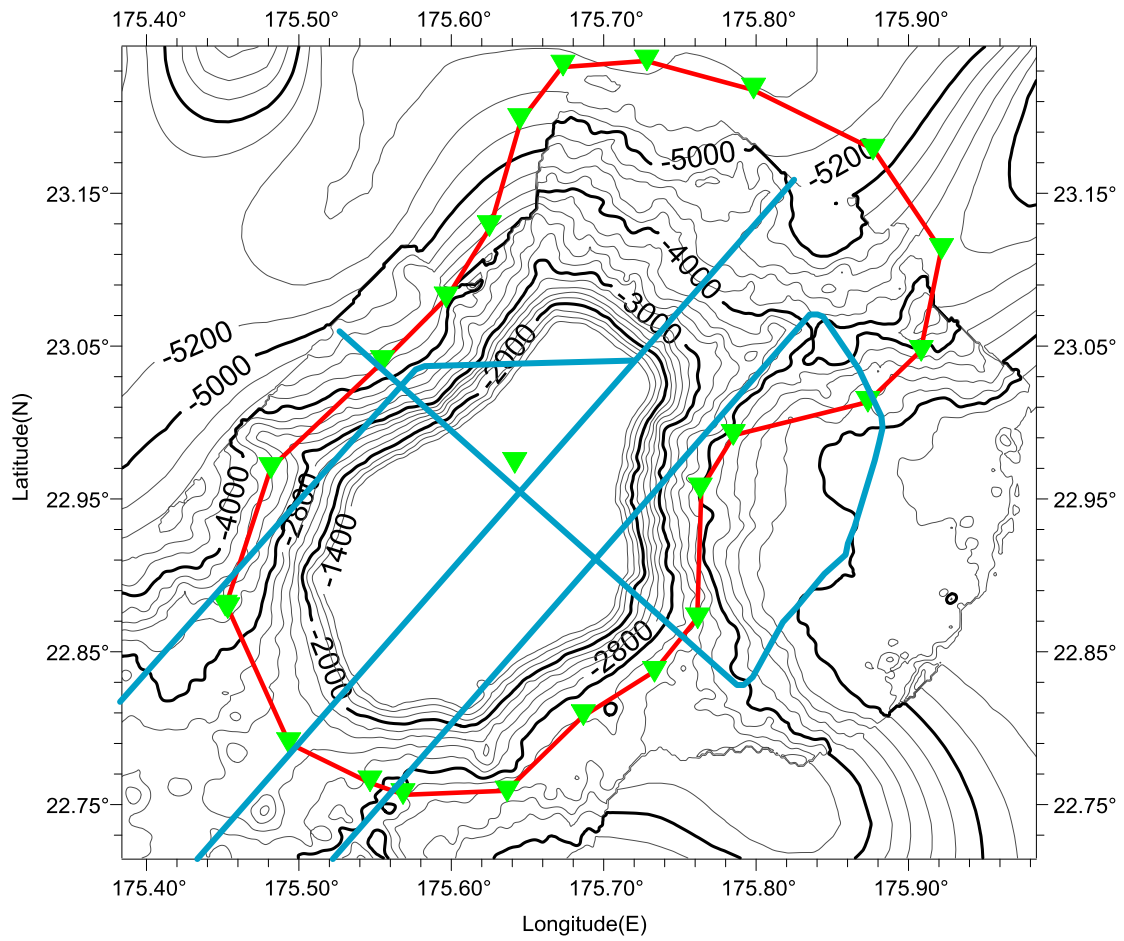


Fig.3 Bathymetric map of the Qianyu Guyot, showing track lines. (Contours are in 200 m)

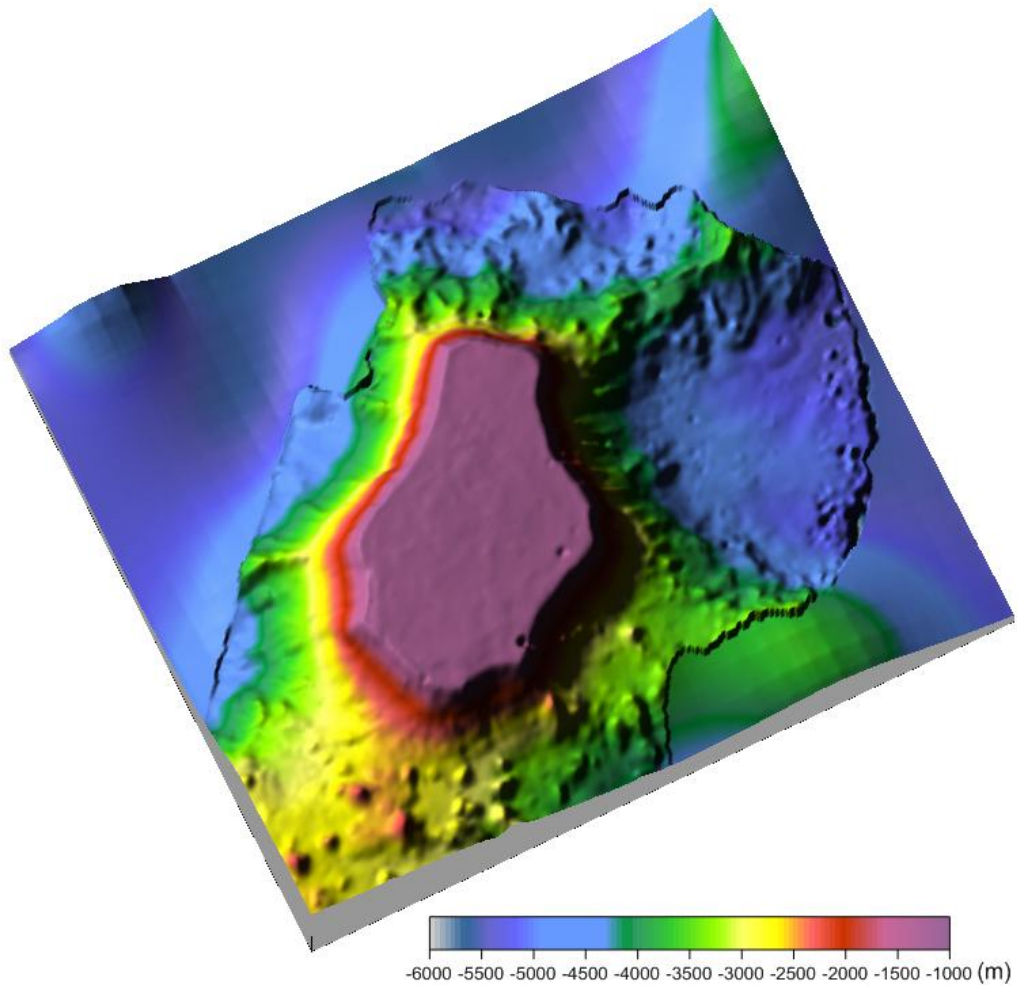


Fig.4 3-D bathymetric map of the Qianyu Guyot

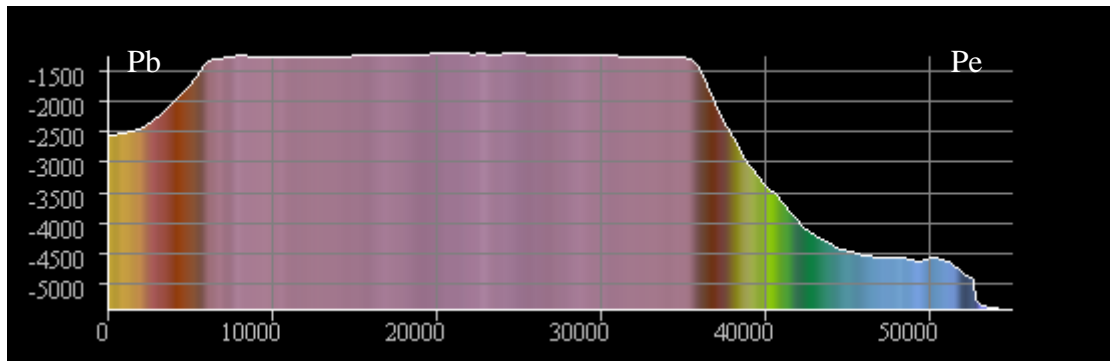
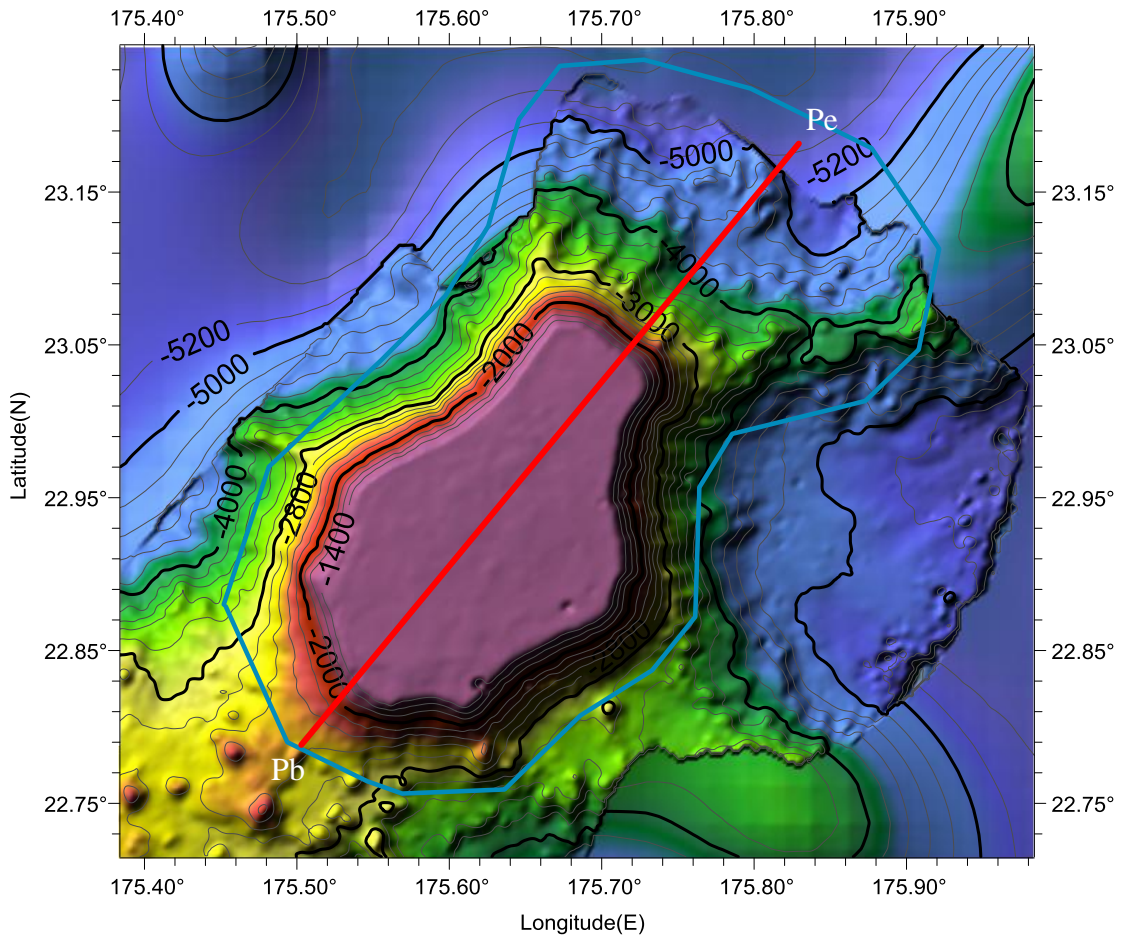


Fig.5 Profiles bathymetric map of the Qianyu Guyot

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