

INTERNATIONAL HYDROGRAPHIC ORGANIZATION	INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)
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UNDERSEA FEATURE NAME PROPOSAL

Name Proposed:	Ganyu Seamount	Ocean or Sea:	Central East Pacific
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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:	10°30.2'N (summit)	152°24.2'W (summit)
	10°32.2'N (bottom)	152°29.3'W (bottom)
	10°33.7'N	152°26.0'W
	10°34.0'N	152°24.7'W
	10°33.3'N	152°23.0'W
	10°33.5'N	152°21.7'W
	10°34.2'N	152°20.9'W
	10°34.3'N	152°19.5'W
	10°33.4'N	152°18.5'W
	10°28.6'N	152°18.3'W
	10°27.1'N	152°19.5'W
	10°27.2'N	152°20.6'W
	10°27.8'N	152°21.9'W
	10°27.5'N	152°22.4'W
	10°26.1'N	152°23.0'W
	10°25.9'N	152°23.8'W
	10°26.1'N	152°24.8'W
	10°26.9'N	152°25.0'W
10°27.1'N	152°25.5'W	
10°26.5'N	152°26.1'W	
10°26.5'N	152°29.5'W	
10°28.0'N	152°30.3'W	
10°30.7'N	152°30.0'W	

Feature Description:	Maximum Depth:	5200 m	Steepness :	
	Minimum Depth :	3950 m	Shape :	
	Total Relief :	1250 m	Dimension/Size :	21.5 km × 14.4 km

Associated Features:	This seamount lies in deep sea plain, consisting of one main peak and three small peaks.
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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	Ganyu comes from <i>SHIJING•XIAOYA</i> (<i>SHIJING</i> is a collection of ancient Chinese poems from 11 B.C. to 6 B.C.). Ganyu means suitable rains for farming. China was an
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(if a person, state how associated with the feature to be named) :	agricultural society in the past which strongly depended on climate. This seamount is named Ganyu representing ancient Chinese people's expectation for a better harvest.
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Discovery Facts:	Discovery Date:	Aug. 1995
	Discoverer (Individual, Ship):	R/V Dayang Yihao

Supporting Survey Data, including Track Controls::	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:	5 nm
	Supporting material can be submitted as Annex in analog or digital form. See Attachments	

Proposer(s):	Name(s):	Zhanhai ZHANG
	Date:	22 Aug. 2013
	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

Remarks:	
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Attachments:

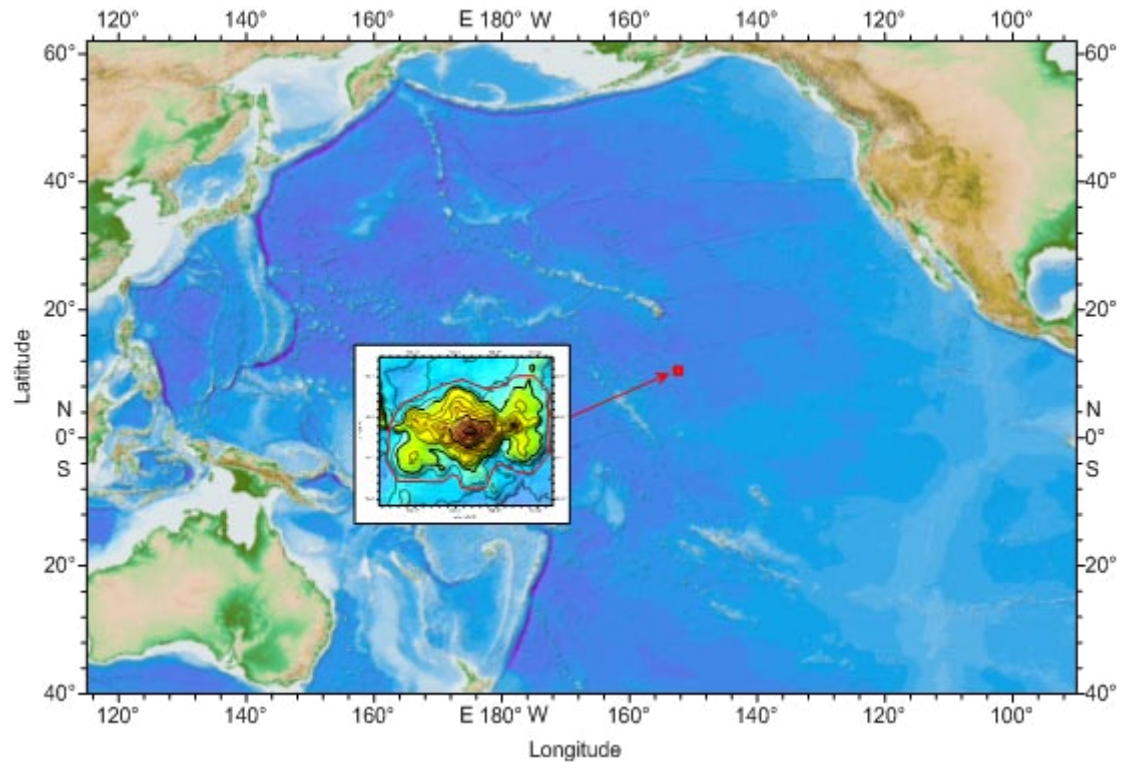


Fig.1 Index map showing the location of the Ganyu Seamount

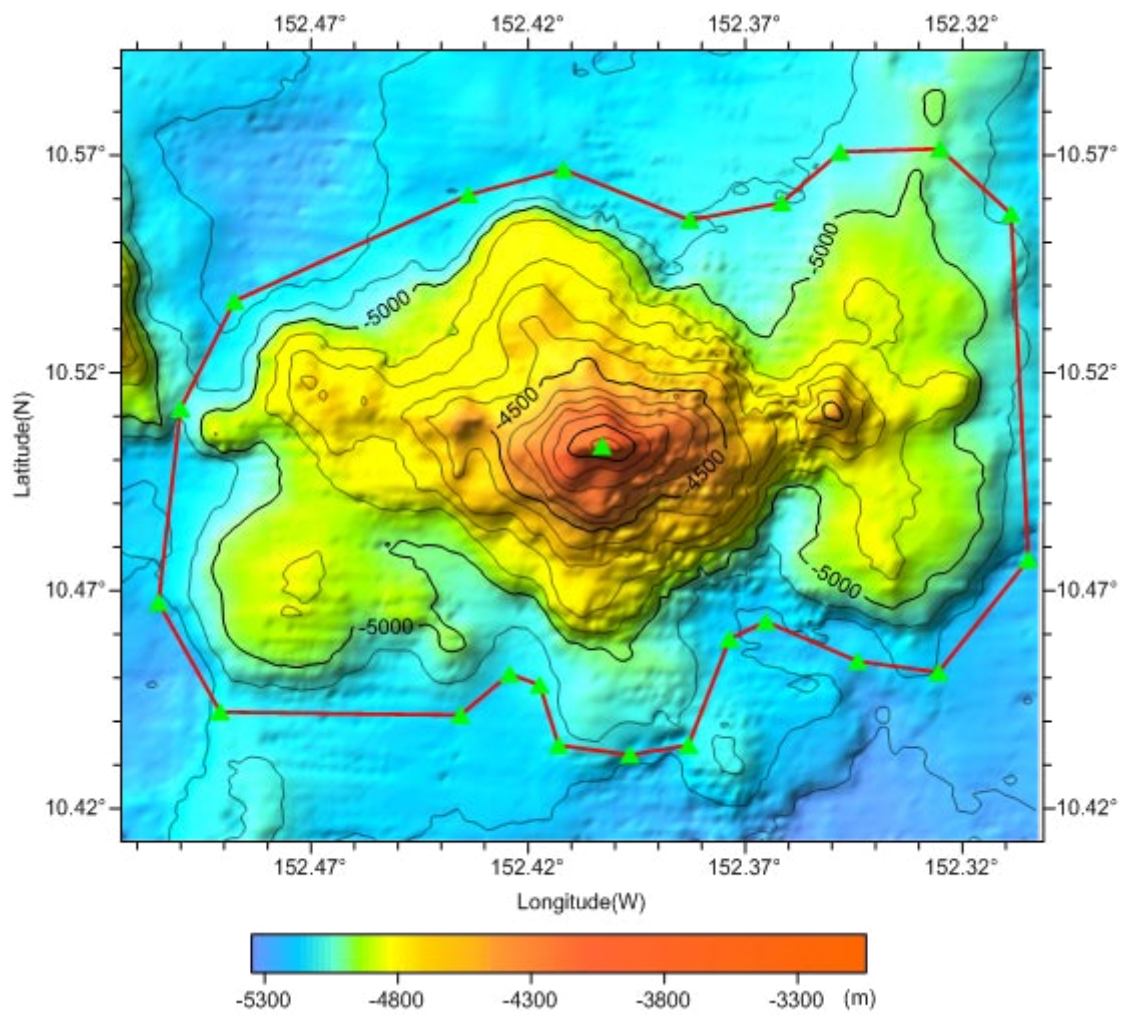


Fig.2 Bathymetric map of the Ganyu Seamount (Contours are in 100 m).

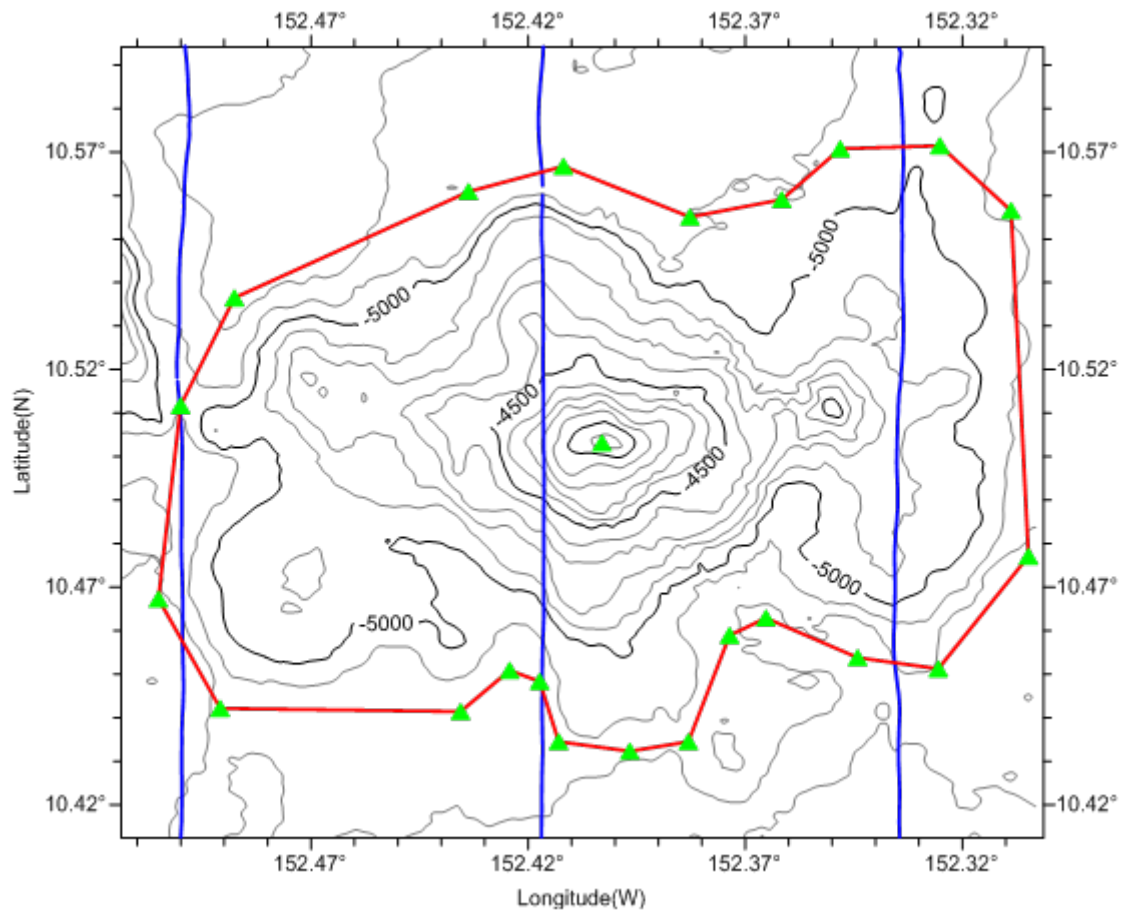


Fig.3 Bathymetric map of the Ganyu Seamount, showing track lines.
(Contours are in 100 m)

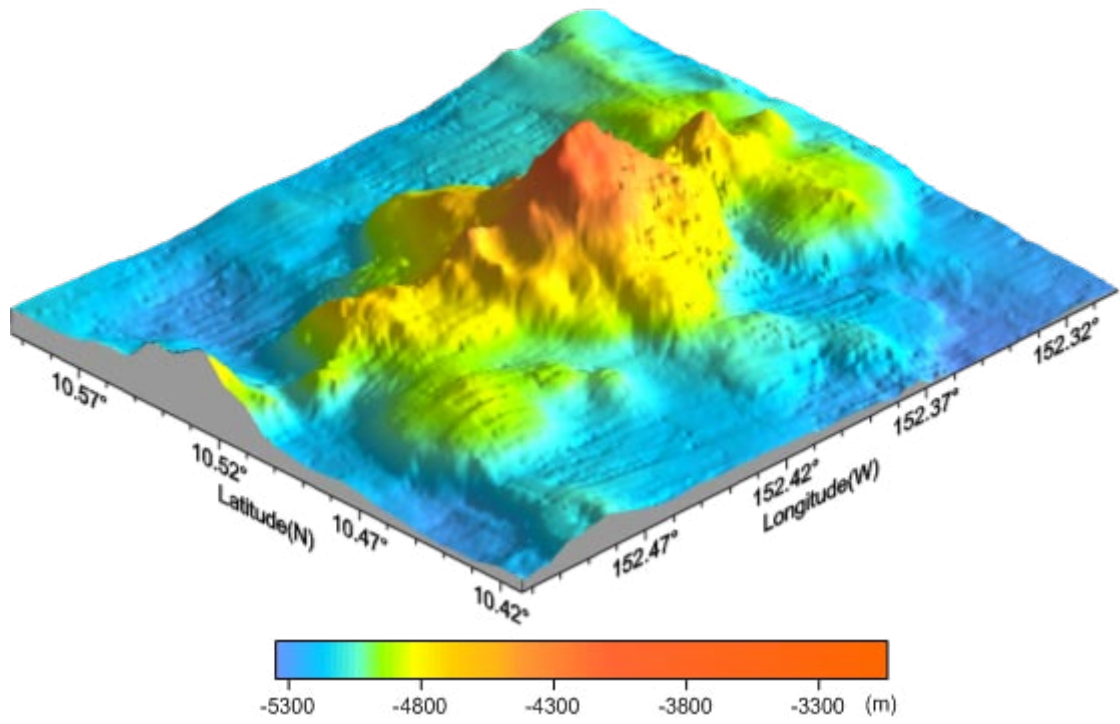


Fig.4 3-D bathymetric map of the Ganyu Seamount

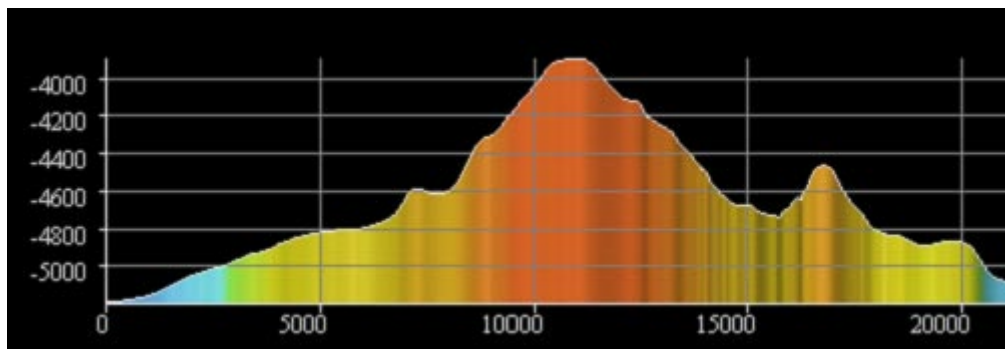
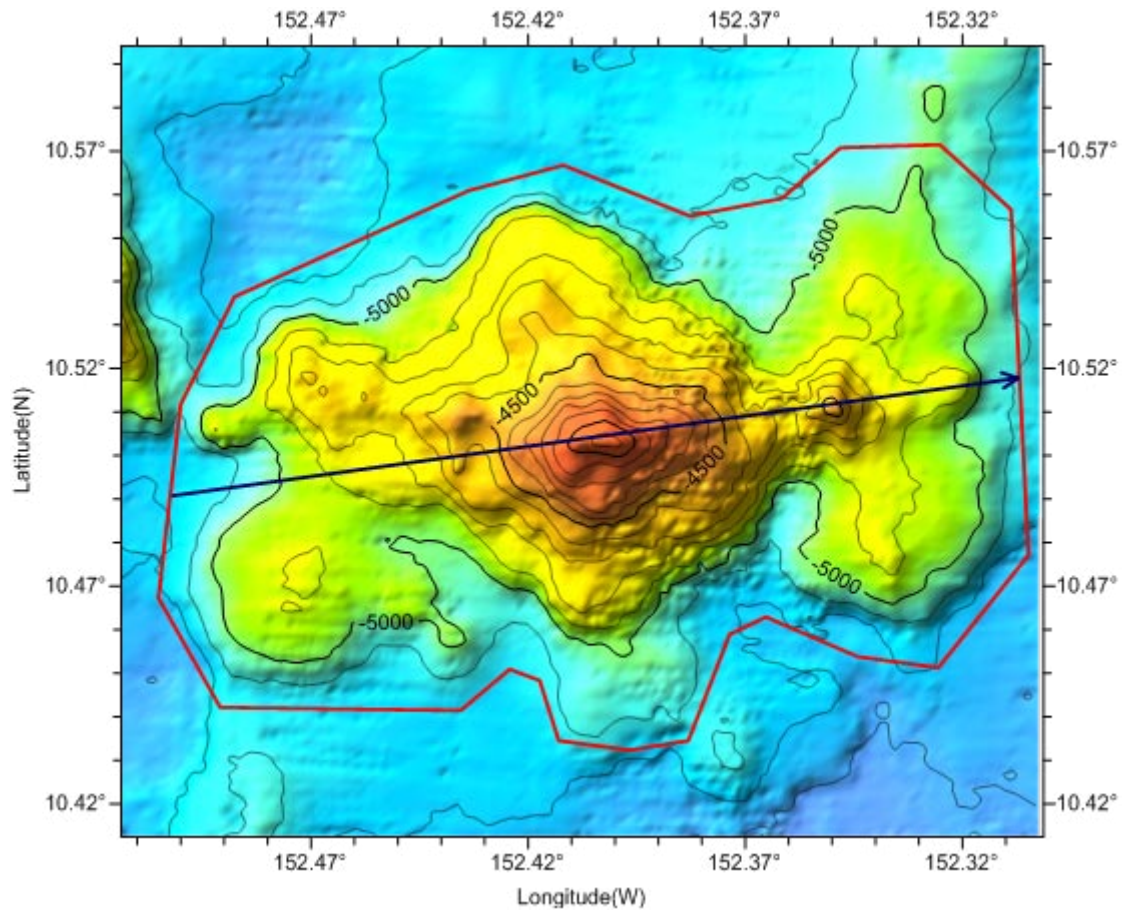


Fig.5 Profile of the Ganyu Seamount