

UNDERSEA FEATURE NAME PROPOSAL

(See **NOTE** overleaf)

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

Name Proposed:	Qilai Seamount	Ocean or Sea:	West 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.

Coordinates:	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
	10 °36.4 N (top)	135 °11.9 E (top)
	10 °41.2 N (bottom)	135 °12.7 E (bottom)
	10 °39.8 N	135 °13.7 E
	10 °39.0 N	135 °15.2 E
	10 °36.9 N	135 °15.4 E
	10 °34.8 N	135 °15.0 E
	10 °33.3 N	135 °13.5 E
	10 °33.6 N	135 °12.0 E
	10 °34.6 N	135 °09.4 E
	10 °36.5 N	135 °08.4 E
	10 °38.5 N	135 °08.3 E
	10 °40.5 N	135 °09.8 E
	10 °41.2 N	135 °12.7 E

Feature description:	Maximum Depth:	3700 m	Steepness:	15 °
	Minimum Depth:	2000 m	Shape:	Round
	Total Relief:	1700 m	Dimension/Size:	14.5 km × 13 km

Associated Features:	This seamount is on Kyushu-Palau ridge in West Pacific Ocean, with “Taguan” seamount in its southwest direction.
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Chart/Map References:	Shown Named on Chart/Map	
	Shown Unnamed on Chart/Map	GEBSCO 5.07
	Within Area of Chart/Map	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	This name comes from a mountain in Taiwan, China. Taiwan island has the world’s highest mountain density. The “Qilai” mountain is one of a hundred famous mountains in Taiwan. There are many seamounts in Kyushu-Palau ridge in West Pacific Ocean. We use seven mountain
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	names e.g. “Jiali”, “Jiayang”, “Yize”, “Xiangyang”, “Qilai”, “Nanhua”, “Taguan” to name seven seamounts in this region.
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Discovery Facts:	Discovery Date:	July 2011
	Discoverer(individual, ship):	R/V Xiang Yang Hong 14

Supporting Survey data, including Track Controls:	Date of survey:	July 2011
	Survey ship:	R/V Xiang Yang Hong 14
	Sounding Equipment:	Reson SeaBat 7150
	Type of navigation:	StarFire2050M
	Estimated Horizontal Accuracy:	0.0025nm (5m)
	Distance between survey lines:	10 km
	Supporting material can be submitted as annex in analog or digital form.	

Proposer(s):	Name(s):	The Second Institute of Oceanography, State Oceanic Administration, China
	Date :	27 July 2016
	E-mail:	0911guang@163.com
	Organization and address:	The Second Institute of Oceanography, No.36 Baochubei Road, Hangzhou China 310012
	Concurrer(name, organization, address):	Li Shoujun, Wu Ziyin, Gao Jinyao The Second Institute of Oceanography
Remark :	The proposal has been reviewed and approved by Sub-Committee on Undersea Feature Names of China Committee on Geographical Names (CCUFN) No.1 Fuxingmenwai Ave. Beijing 100860 heyunxu@sina.com	

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 page 2-9) or, if this does exist or is not known, either to the IHB or to the IOC (see address below):
- b) **If at least 50% of the undersea feature is located outside the external limits of the territorial sea:** to the IHB or to the IOC, at the following address:

International Hydrographic Bureau (IHB) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX <u>Principality of MONACO</u> Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS <u>France</u> Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
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Attachment

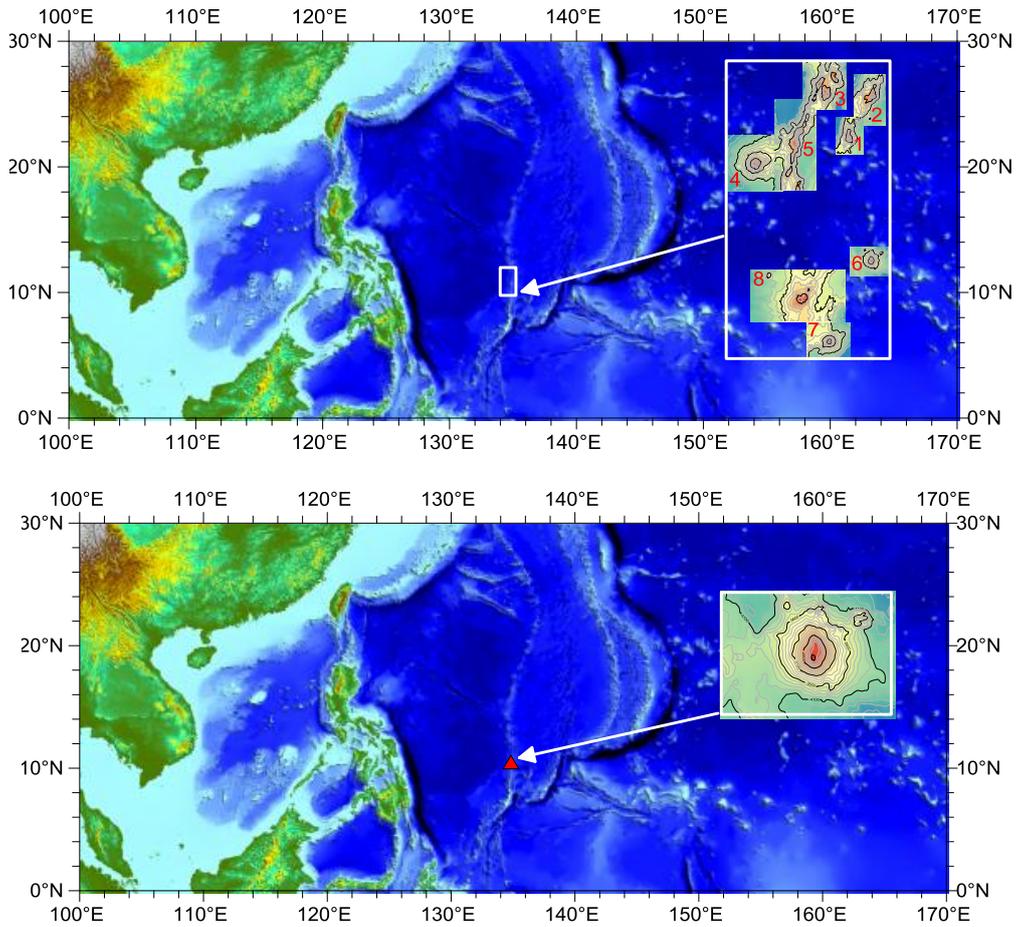


Fig.1 Index map showing the location of Qilai Seamount

1-Jiali Seamount, 2-Jiyang Seamount, 3-Yize Seamount, 4-Xiangyang Seamount, 5-Pingfeng Ridge, **6-Qilai Seamount**, 7-Nanhua Seamount, 8-Taguan Seamount.

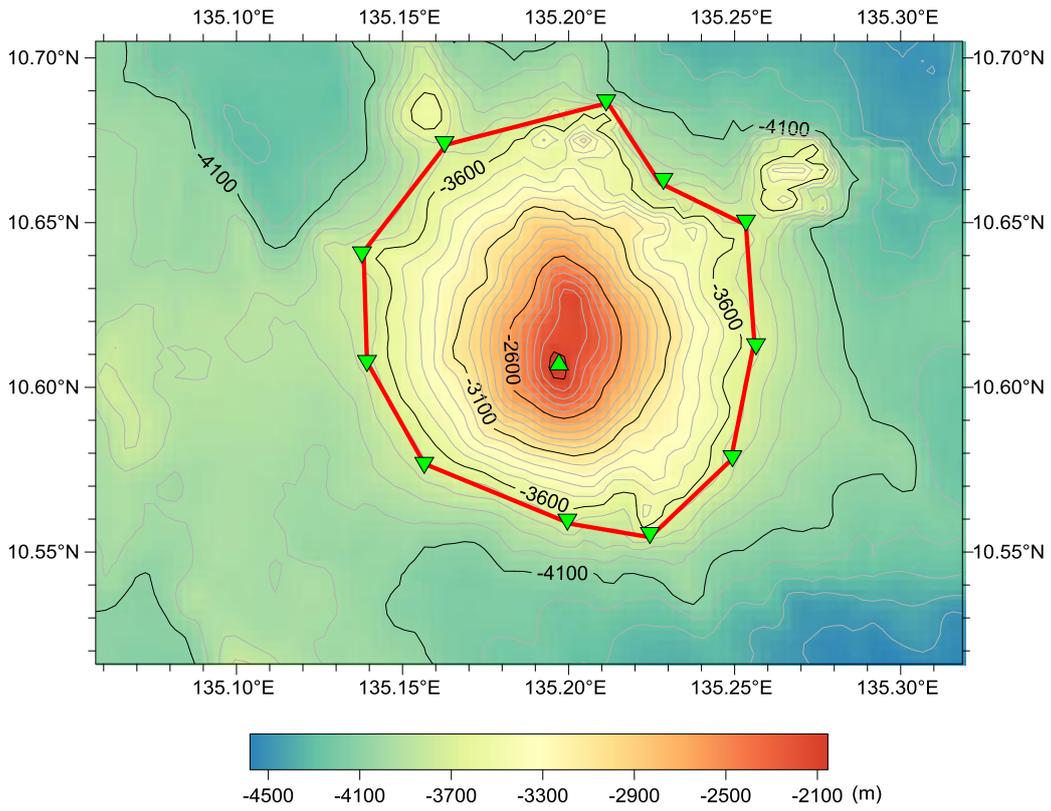


Fig.2 Bathymetric map of Qilai Seamount
(Contours are in 100 m Spacing)

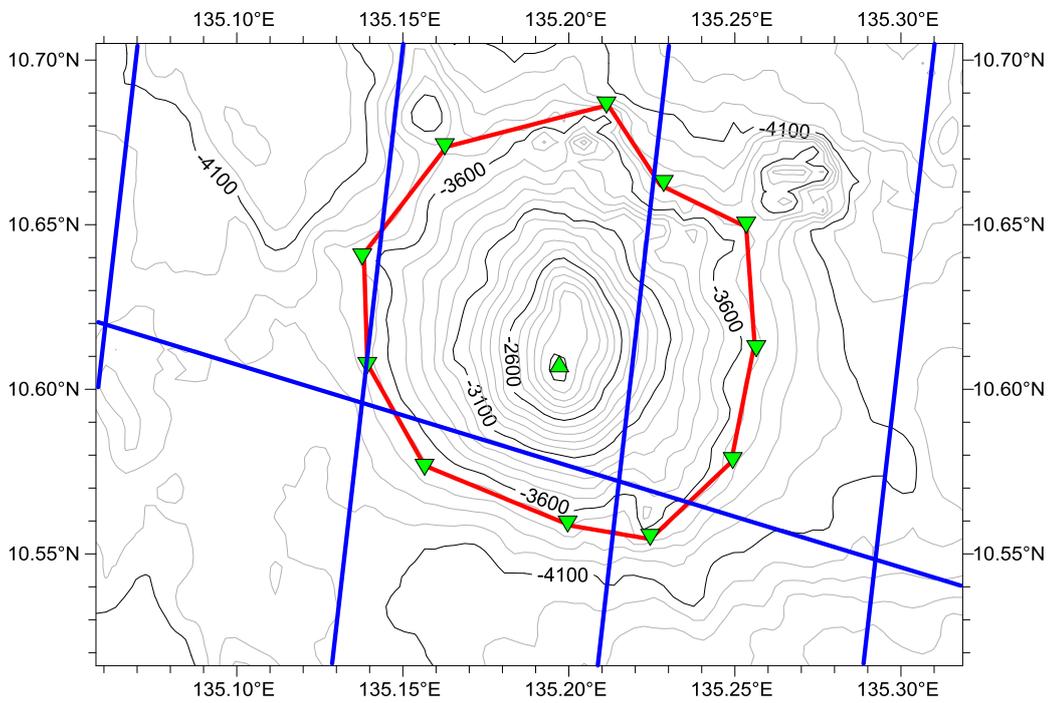


Fig.3 Bathymetric map of Qilai Seamount, showing track lines
(Contours are in 100 m, blue lines are survey lines)

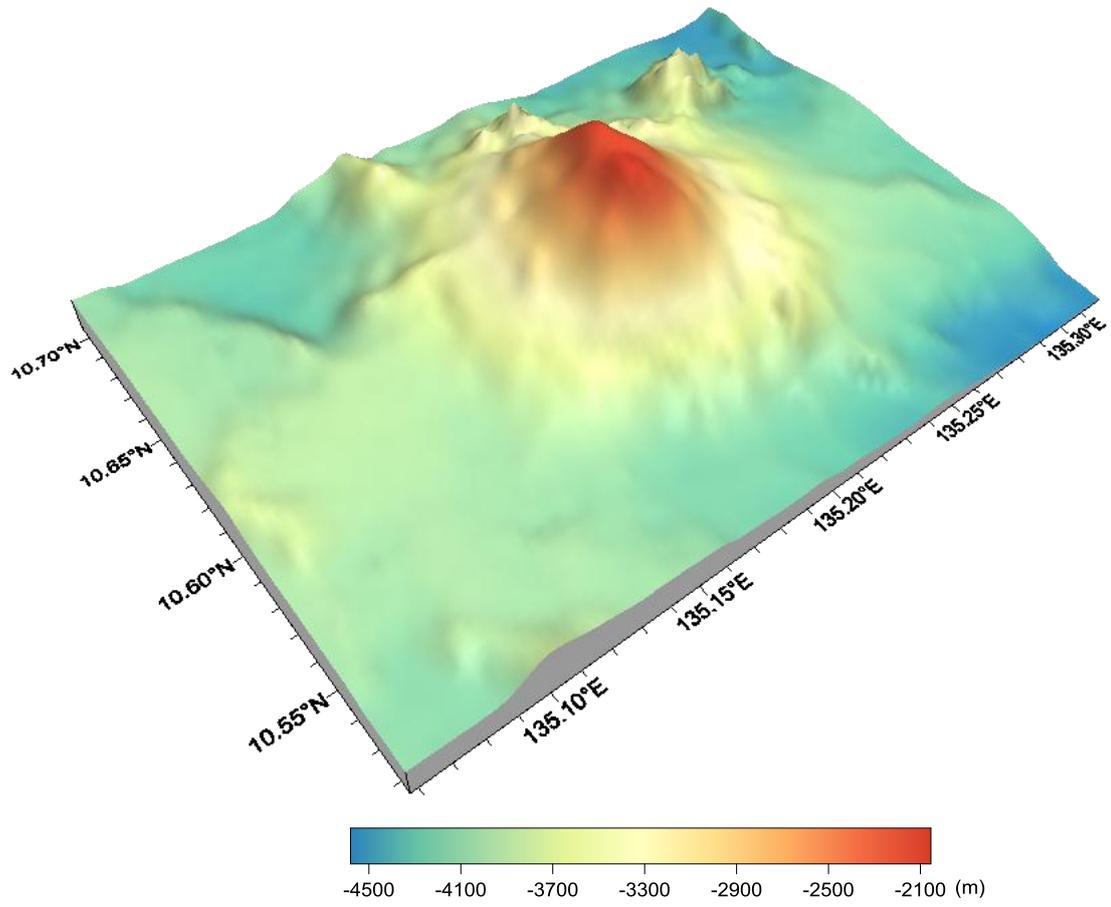


Fig.4 3-D topography map of Qilai Seamount

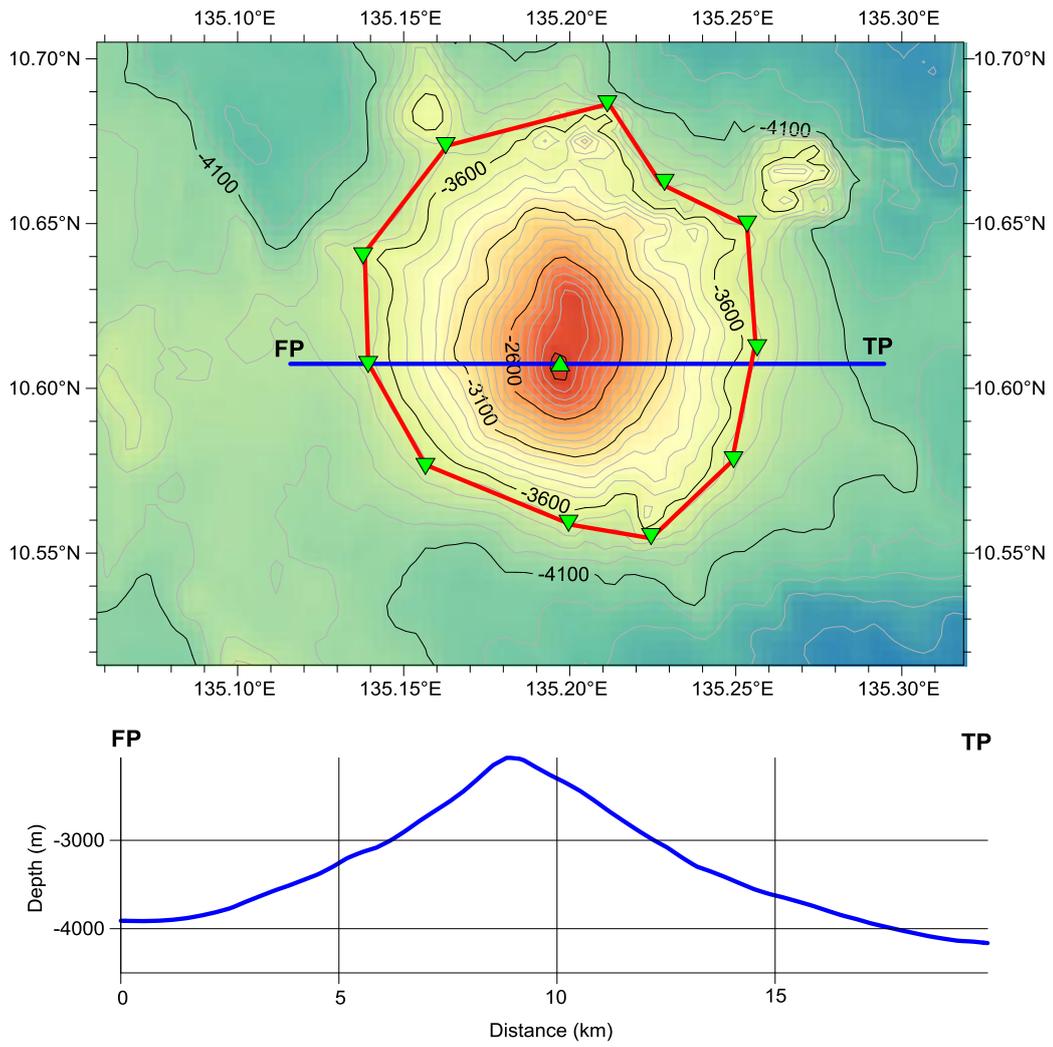


Fig.5 Bathymetric map and profile of Qilai Seamount