

UNDERSEA FEATURE NAME PROPOSAL

(See **NOTE** overleaf)

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

Name Proposed:	Jiayang 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)
	11 °42.5 N (top)	135 °12.6 E (top)
	11 °47.6 N (bottom)	135 °09.8 E (bottom)
	11 °47.6 N	135 °10.6 E
	11 °46.1 N	135 °10.4 E
	11 °46.0 N	135 °11.4 E
	11 °48.5 N	135 °12.5 E
	11 °48.1 N	135 °14.9 E
	11 °45.6 N	135 °14.3 E
	11 °42.4 N	135 °14.5 E
	11 °37.7 N	135 °09.7 E
	11 °35.7 N	135 °09.5 E
	11 °35.6 N	135 °07.8 E
	11 °38.7 N	135 °07.0 E
	11 °41.3 N	135 °08.0 E
	11 °42.5 N	135 °08.0 E
	11 °42.2 N	135 °06.8 E
	11 °42.7 N	135 °06.5 E
11 °45.5 N	135 °09.1 E	
11 °47.6 N	135 °09.8 E	

Feature description:	Maximum Depth:	3600 m	Steepness:	8 °
	Minimum Depth:	2400 m	Shape:	Arch
	Total Relief:	1200 m	Dimension/Size:	26 km × 11 km

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

	Within Area of Chart/Map	
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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 "Jiayang" mountain is one of a hundred famous mounts in Taiwan. There are many seamounts in Kyushu-Palau ridge in West Pacific Ocean, we use seven of mountain 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	Intergovernmental Oceanographic Commission (IOC) UNESCO
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Attachment

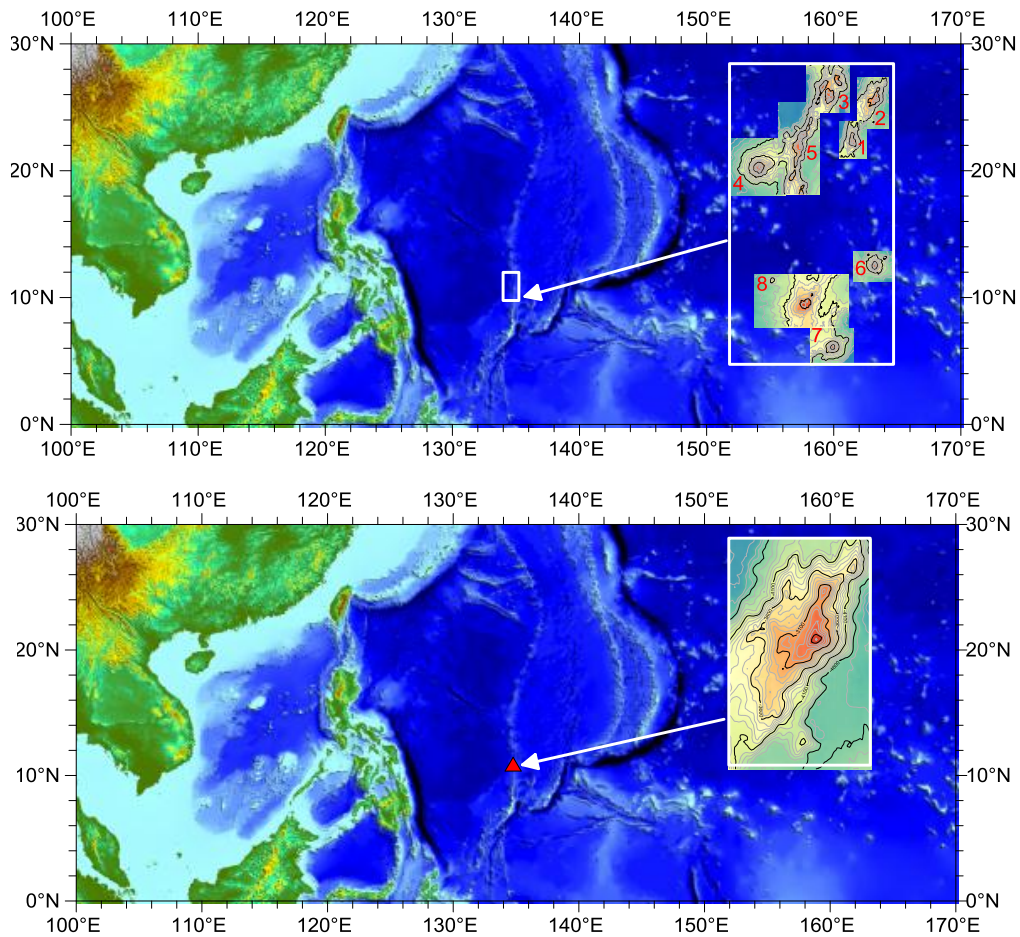


Fig.1 Index map showing the location of Jiayang Seamount
1-Jiali Seamount, **2-Jiayang Seamount**, 3-Yize Seamount, 4-Xiangyang Seamount,
5-Pingfeng Ridge, 6-Qilai Seamount, 7-Nanhua Seamount, 8-Taguan Seamount.

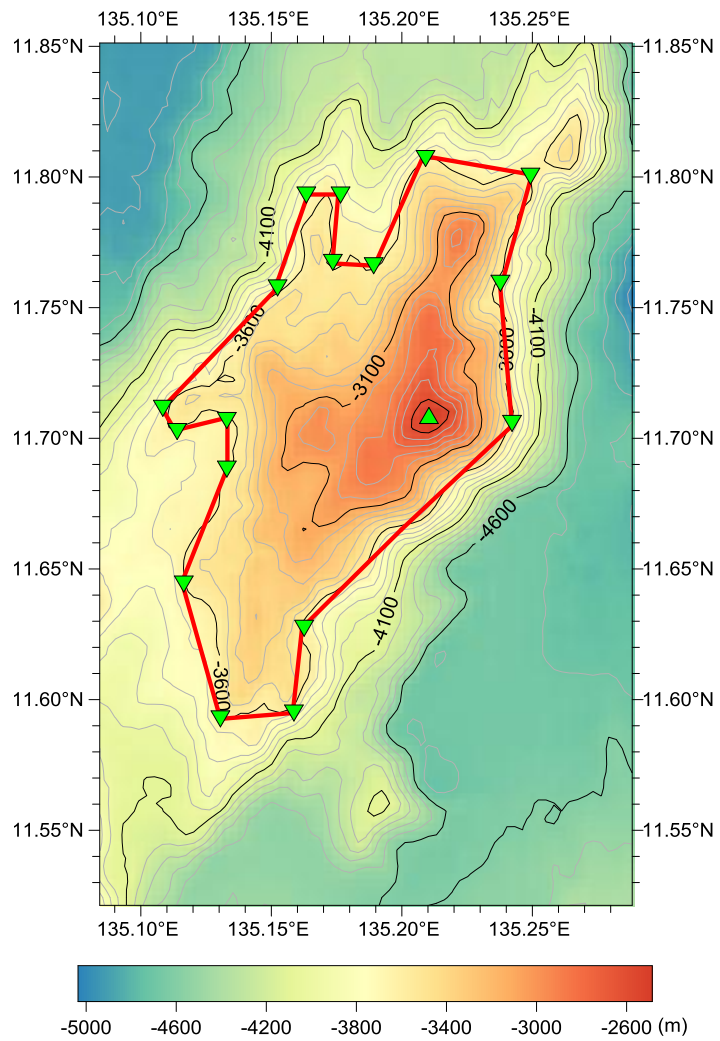


Fig.2 Bathymetric map of Jiayang Seamount
(Contours are in 100 m Spacing)

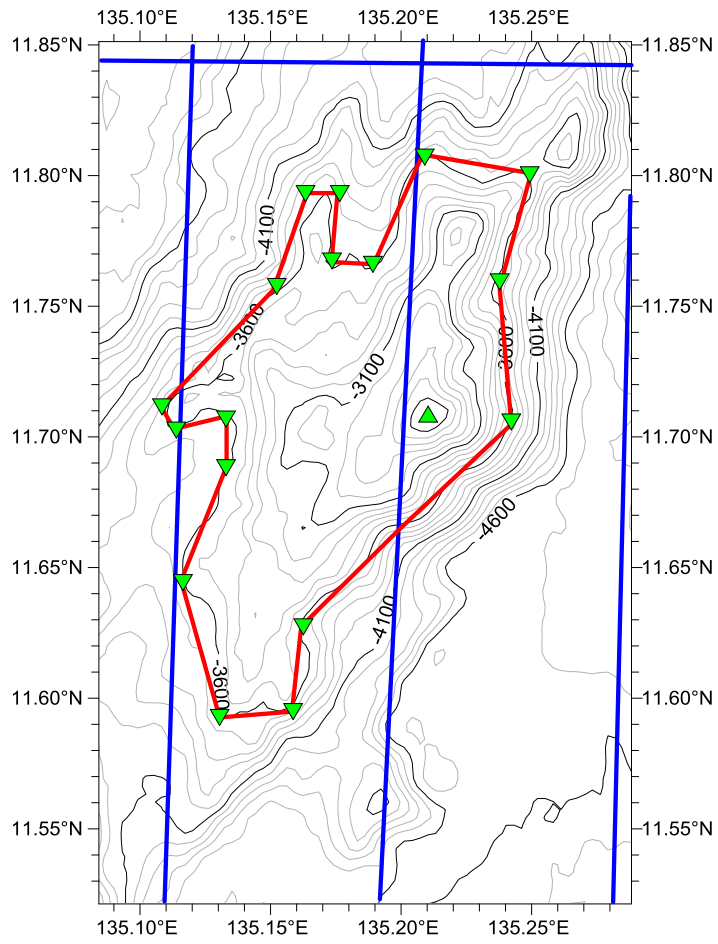


Fig.3 Bathymetric map of Jiayang Seamount, showing track lines
(Contours are in 100 m, blue lines are survey lines)

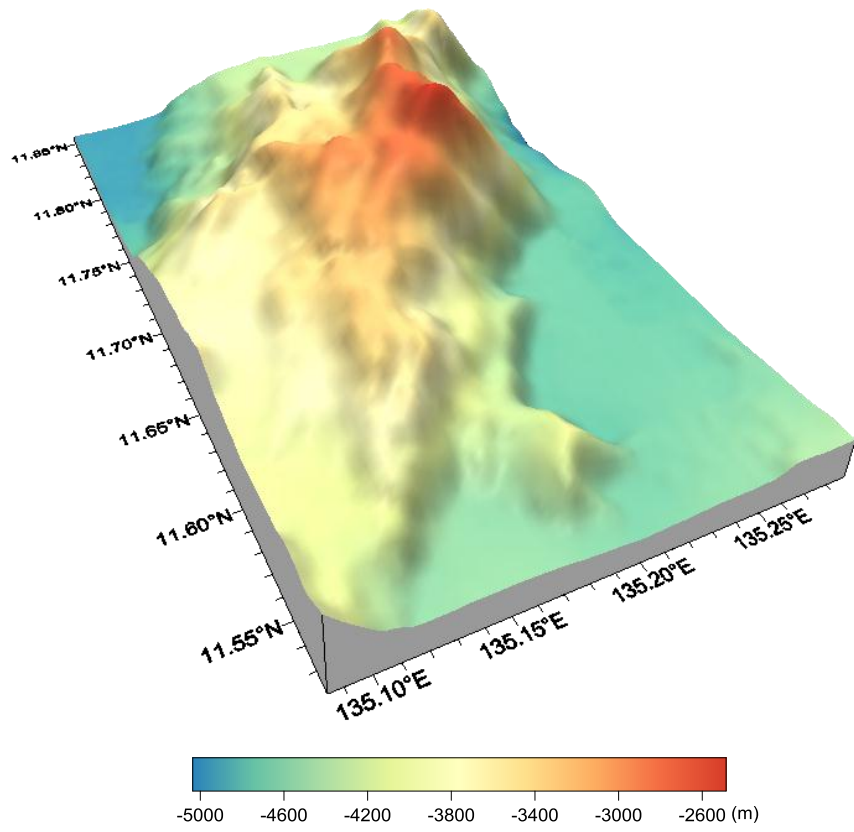


Fig.4 3-D topography map of Jiayang Seamount

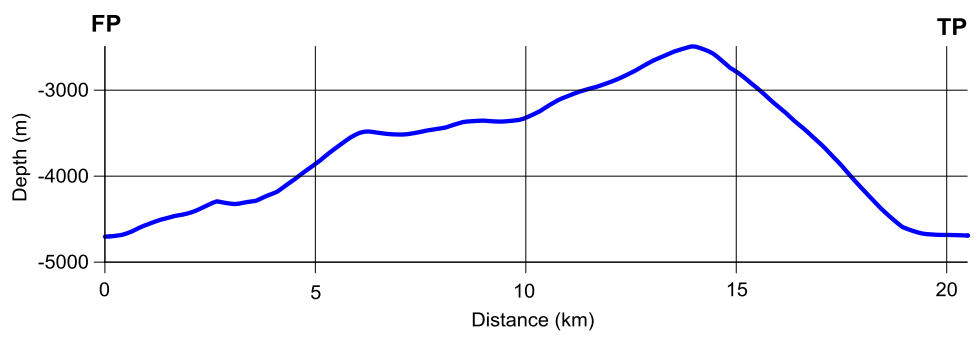
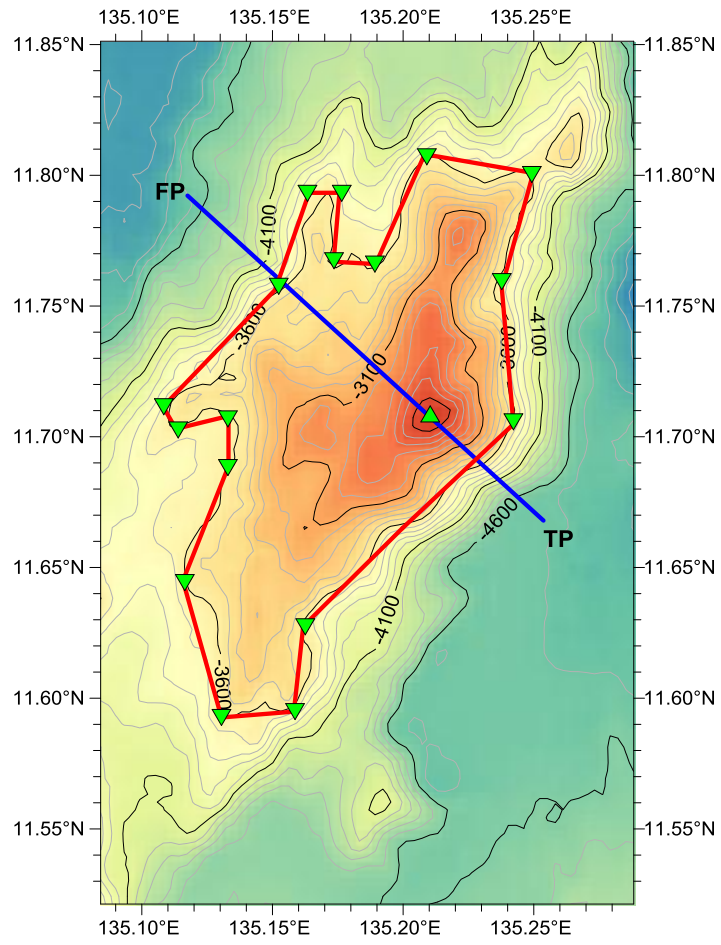


Fig.5 Bathymetric map and profile of Jiayang Seamount