

UNDERSEA FEATURE NAME PROPOSAL

(See **NOTE** overleaf)

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

Name Proposed:	Xiaoman Hill	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)
	<i>15°32.5'N (top)</i>	<i>134°32.9'E (top)</i>
	<i>15°30.8'N (bottom)</i>	<i>134°33.3'E (bottom)</i>
	<i>15°32.7'N</i>	<i>134°34.5'E</i>
	<i>15°35.2'N</i>	<i>134°34.6'E</i>
	<i>15°35.3'N</i>	<i>134°34.0'E</i>
	<i>15°34.5'N</i>	<i>134°32.1'E</i>
	<i>15°31.5'N</i>	<i>134°29.8'E</i>
<i>15°30.8'N</i>	<i>134°33.3'E</i>	

Feature description:	Maximum Depth:	3400 m	Steepness:	
	Minimum Depth:	2600 m	Shape:	polygon
	Total Relief:	800 m	Dimension/Size:	9 km × 8.5 km

Associated Features:	This Hill is located on the Kyushu-Palau ridge, with “Mangzhong” Basin in southeast direction. The base size is about 9 km . The water depth is about 2600 m to the top and about 3400m to foothills . And the northwestern slope is slow yet southeastern slope is steep.
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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	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	The UN Educational, Scientific, and Cultural Organization (UNESCO) adopted a decision that China's "the 24 Solar Terms" be inscribed on the Representative List of the Intangible Cultural Heritage of Humanity on 30 November in Ethiopia's capital Addis Ababa. “The 24 Solar Terms” is the Chinese heritage and knowledge in China of time and practices developed through observation of the sun's annual motion.
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	The ancient Chinese divided the sun's annual circular motion into 24 segments. Each segment was called a specific Solar Term. "Xiaoman", the eighth term of the 24 Solar Terms, means the summer ripe grain begins to fill full, but not mature yet.
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Discovery Facts:	Discovery Date:	September 2014
	Discoverer(individual, ship):	R/V Xiang Yang Hong 10

Supporting Survey data, including Track Controls:	Date of survey:	September 2014
	Survey ship:	R/V Xiang Yang Hong 10
	Sounding Equipment:	SeaBeam3012
	Type of navigation:	StarFire3050M
	Estimated Horizontal Accuracy:	0.0005nm (1m)
	Distance between survey lines:	10 km
	Supporting material can be submitted as annex in analog or digital form.	

Proposer(s):	Name(s):	Second Institute of Oceanography, SOA, China
	Date :	28 May 2017
	E-mail:	0911guang@163.com
	Organization and address:	Second Institute of Oceanography, No.36 Baochubei Road, Hangzhou China 310012
	Concurrer (name, organization, address):	Lishoujun, Zhaodineng, Wuziyin, Wuzhaocai, Luoxiaowen, Shangjihong, 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. Xicheng District, Beijing, China 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	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS
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Principality of MONACO

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Figures

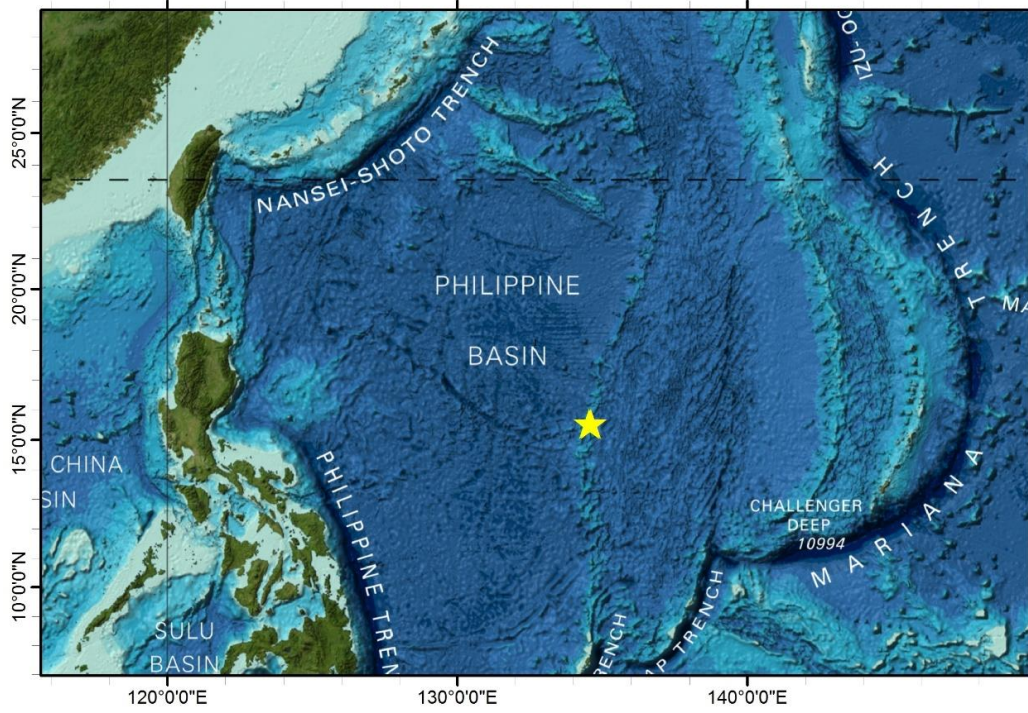


Fig.1 Index map showing the location of Xiaoman Hill

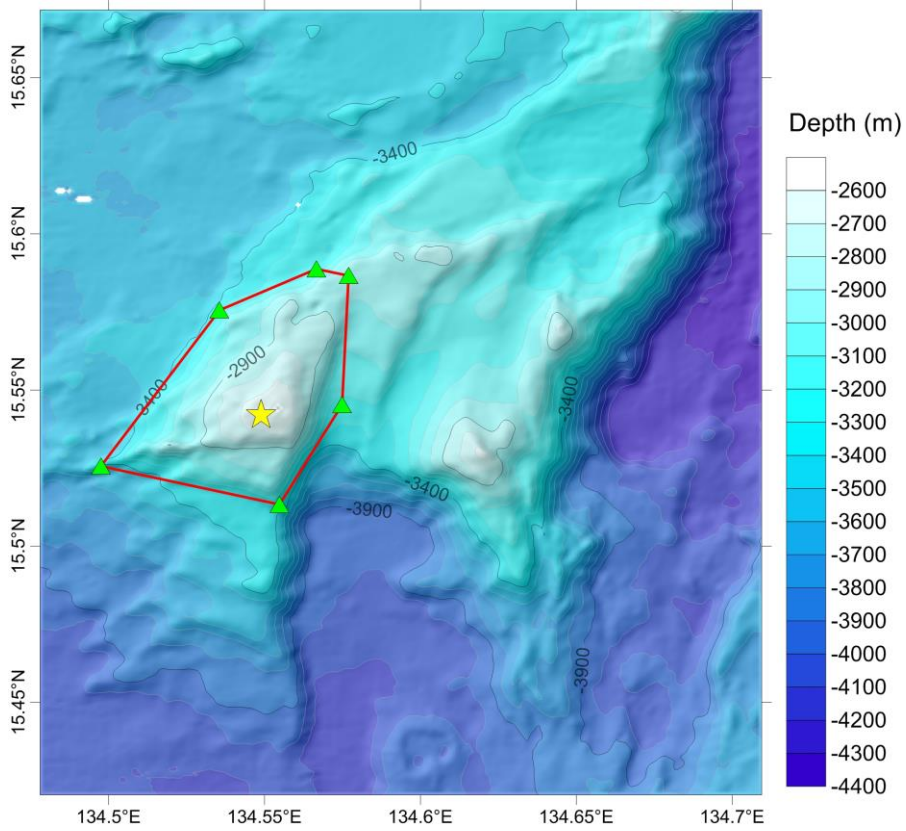


Fig.2 Bathymetric map of Xiaoman Hill

(Contours are in 100 m)

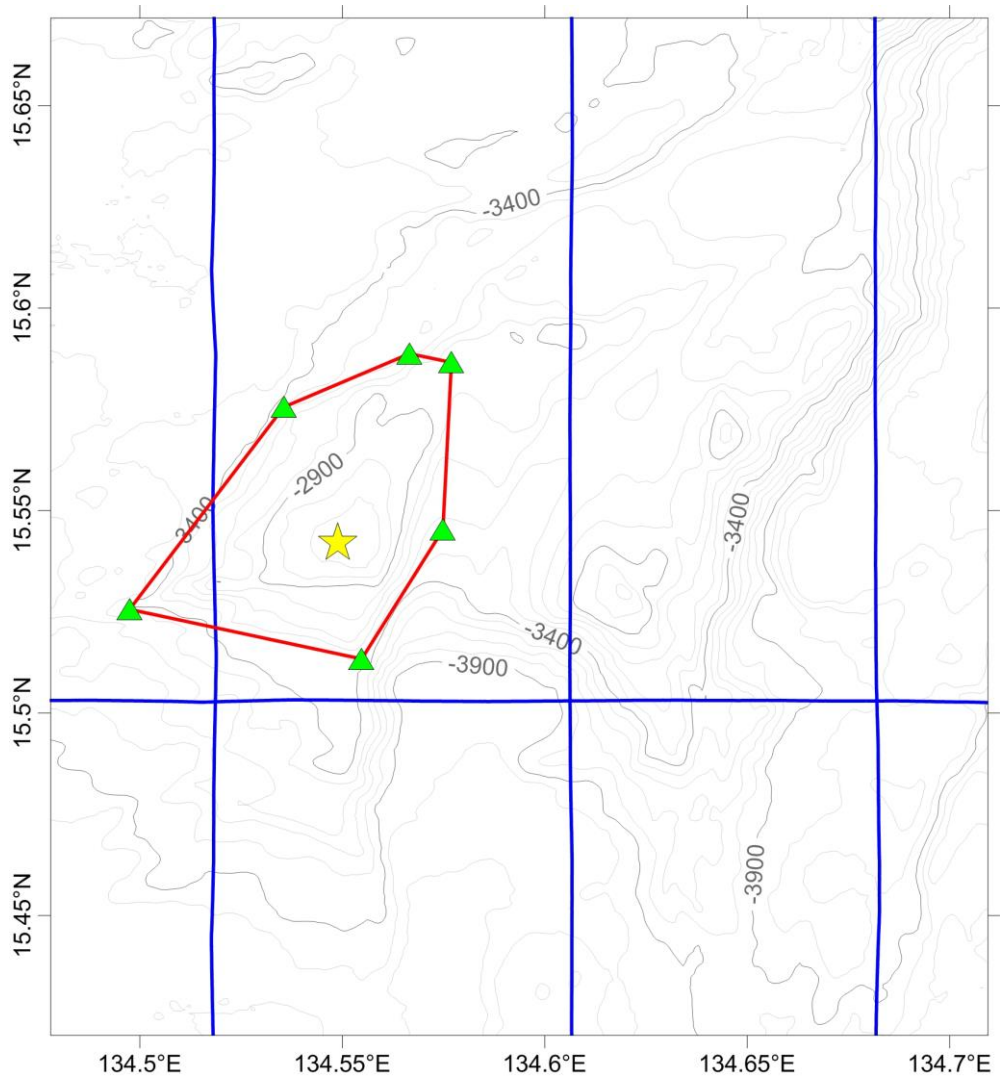


Fig.3 Bathymetric map of Xiaoman Hill, showing track lines
(Contours are in 100 m, blue lines are survey lines)

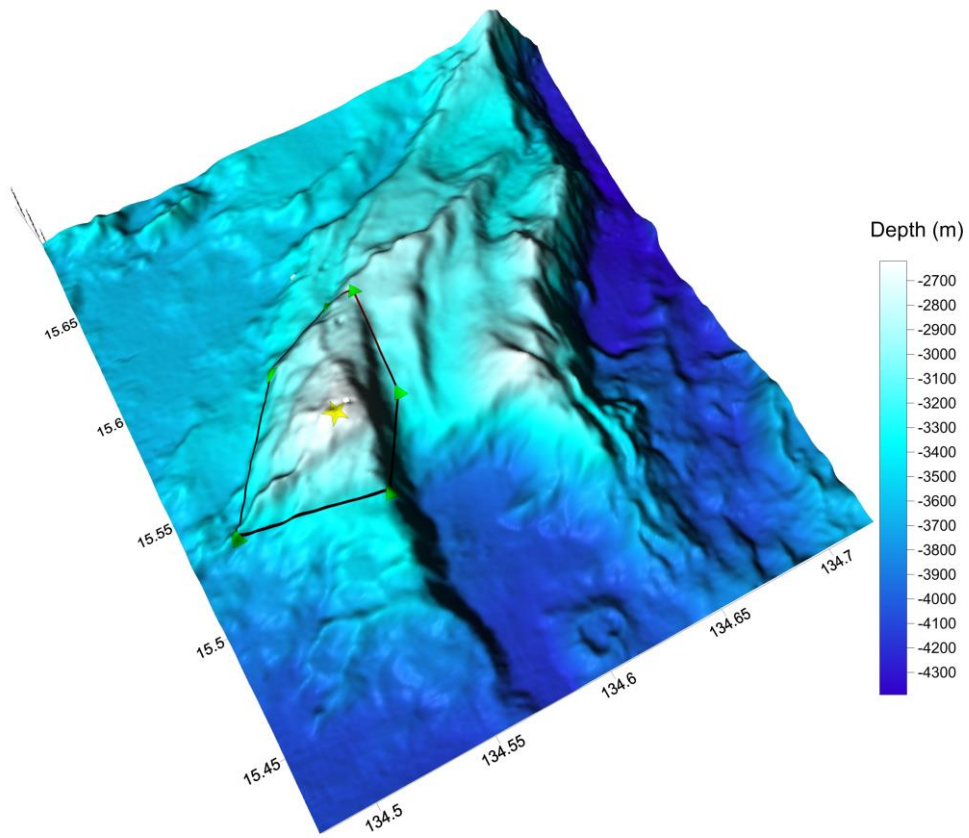


Fig.4 3-D topography map of Xiaoman **Hill**

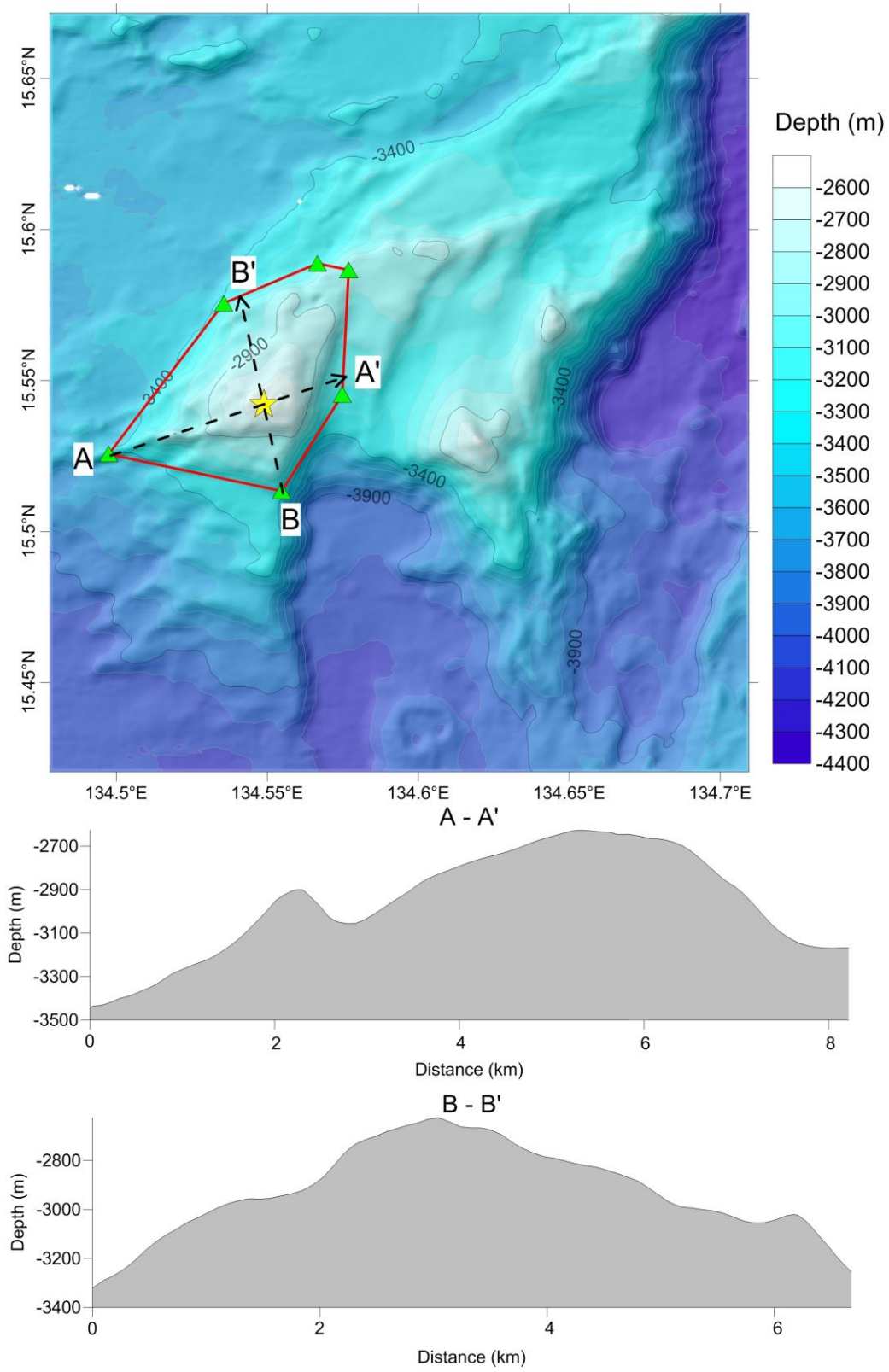


Fig.5 Bathymetric map and profiles of Xiaoman Hill