INTERNATIONAL HYDROGRAPHIC ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (OF UNESCO)

UNDERSEA FEATURE NAME PROPOSAL

(See **NOTE** overleaf)

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

Name Proposed:	Pingfeng Ridge	**Ocean or Sea:**	West Pacific Ocean

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:	11°28.2′N (top)	134°43.0′E (top)
	11°36.4′N (bottom)	134°46.3′E (bottom)
	11°35.4′N	134°48.1′E
	11°30.3′N	134°46.4′E
	11°26.3′N	134°44.1′E
	11°22.9′N	134°44.1′E
	11°18.6′N	134°42.3′E
	11°11.4′N	134°41.0′E
	11°09.4′N	134°38.9′E
	11°11.2′N	134°36.7′E
	11°14.0′N	134°38.3′E
	11°20.6′N	134°39.0′E
	11°23.6′N	134°38.0′E
	11°36.4′N	134°46.3′E

Feature description:	Maximum Depth:	3600 m	Steepness:	18°
	Minimum Depth:	2100 m	Shape:	line
	Total Relief:	1500 m	Dimension/Size:	50 km × 11 km

Associated Features:	This ridge is a part of Kyushu-Palau ridge in West Pacific Ocean, with "Xiangyang" seamount in its west direction.

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):	This name comes from a mountain in Taiwan, China. Taiwan island has the world's highest mountain density. The "Pingfeng" mountain is one of a hundred famous mountains in Taiwan. This ridge is named

	after Pengfeng for its shape is like a screen, which is "Pingfeng" in Chinese language.

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 Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org

Attachment

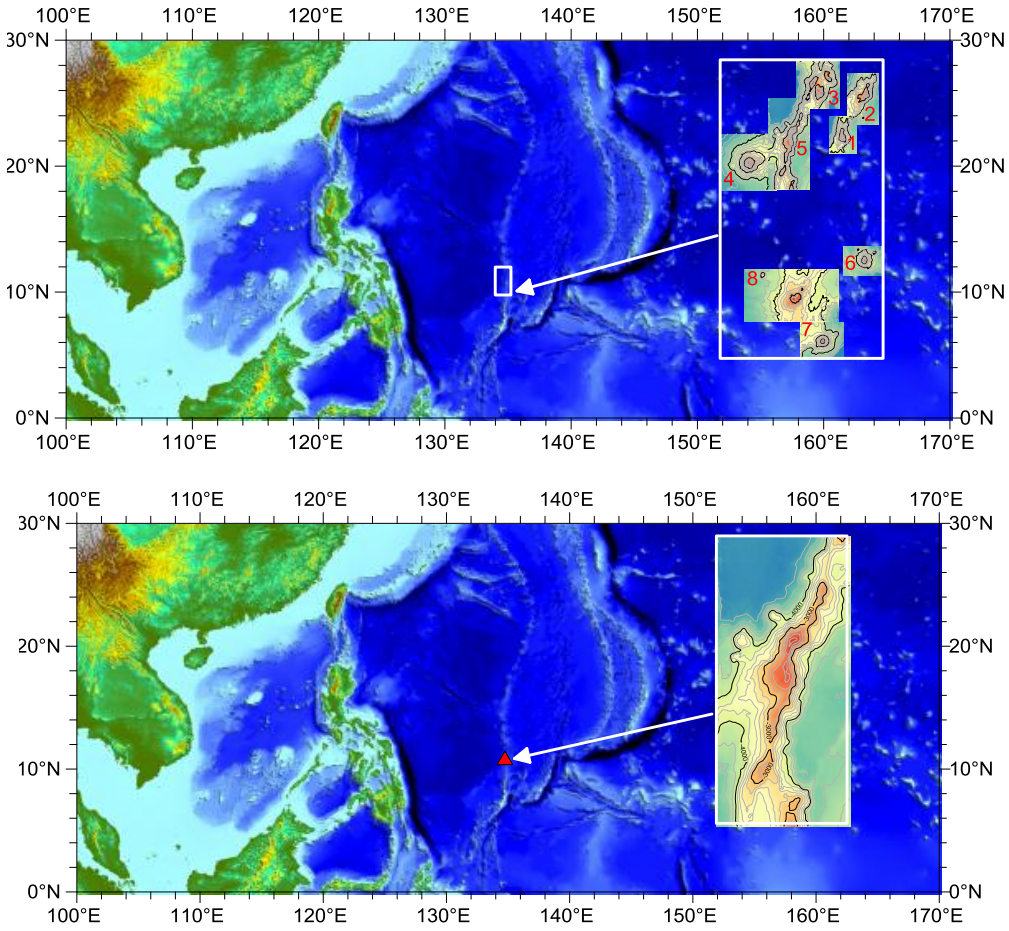

Fig.1 Index map showing the location of Pingfeng Ridge

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

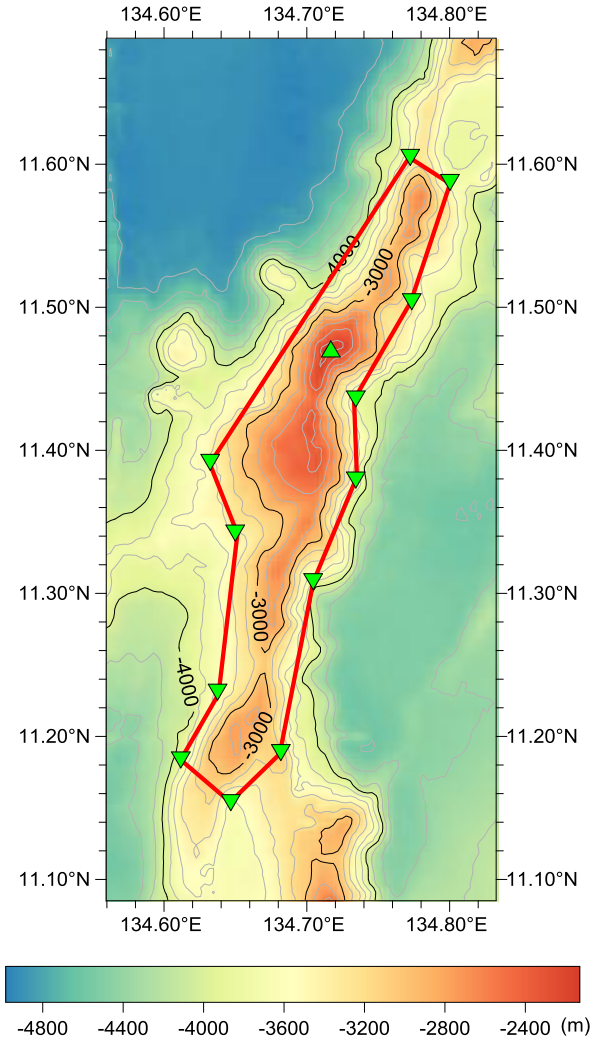

Fig.2 Bathymetric map of Pingfeng Ridge
(Contours are in 200 m Spacing)

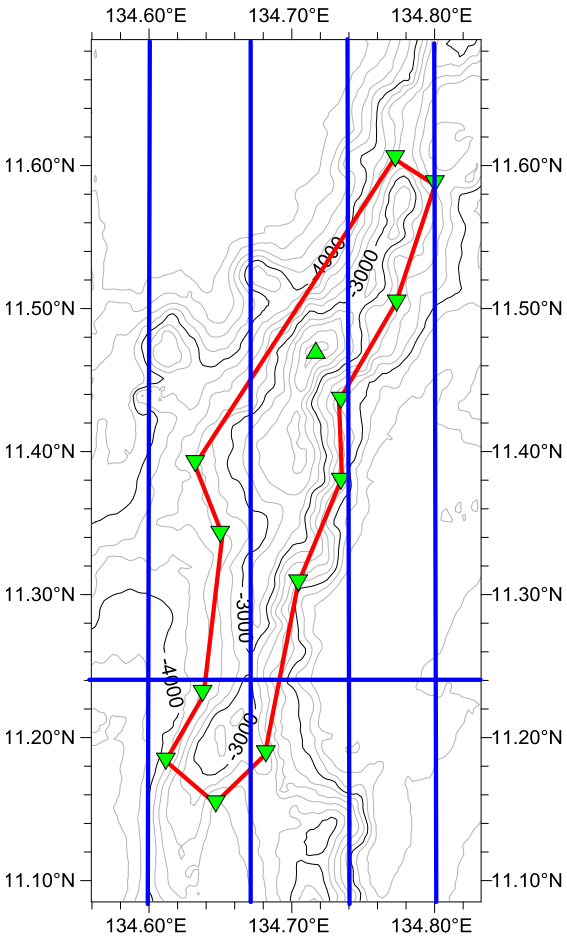

Fig.3 Bathymetric map of Pingfeng Ridge showing track lines (Contours are in 200 m, blue lines are survey lines)

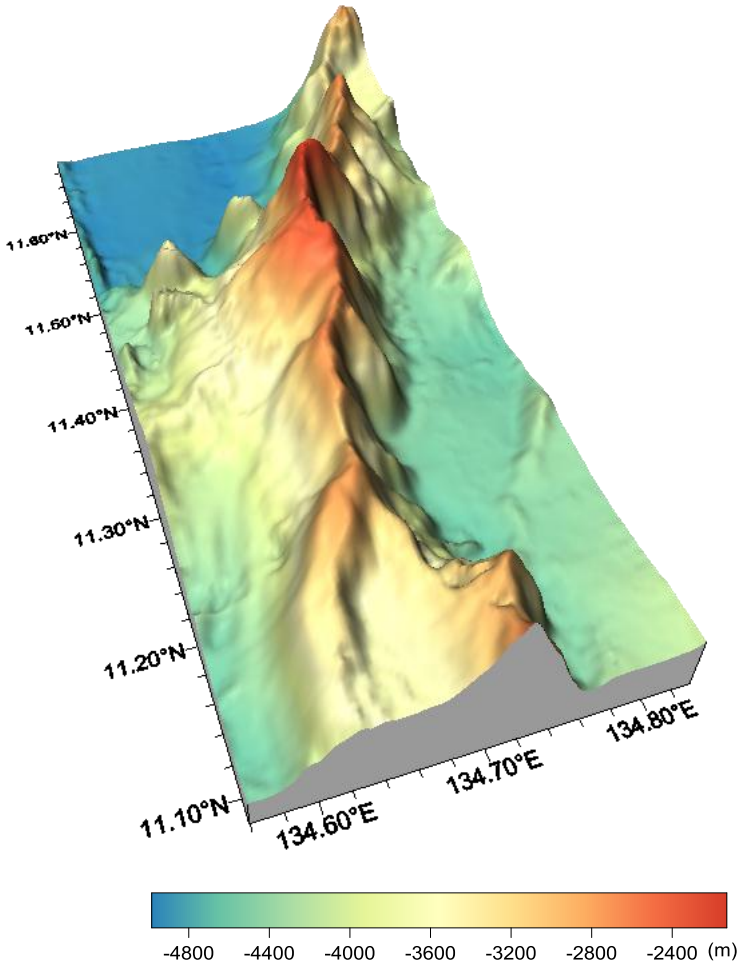

Fig.4 3-D topography map of Pingfeng Ridge

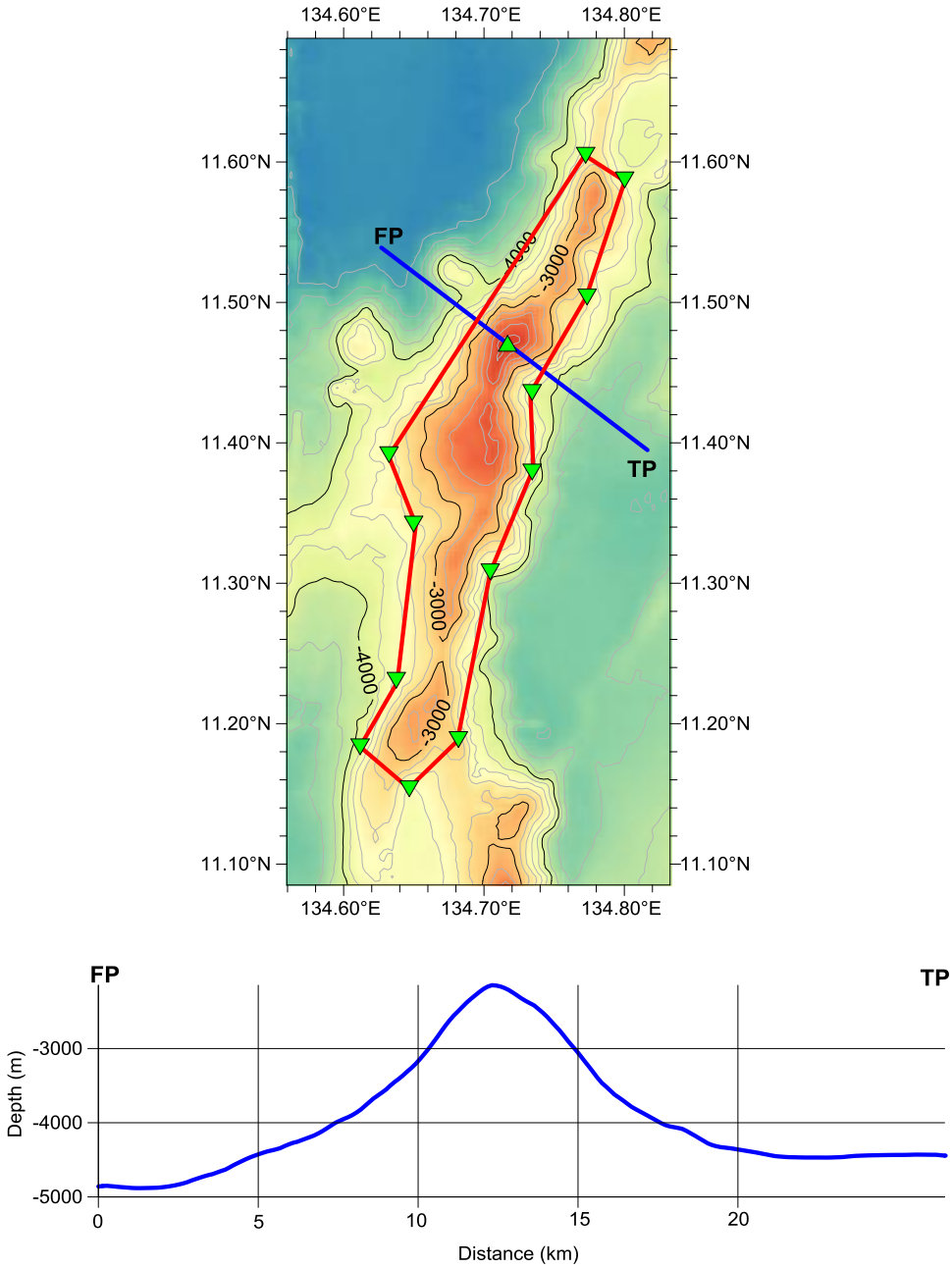

Fig.5 Bathymetric map and profile of Pingfeng Ridge