

UNDERSEA FEATURE NAME PROPOSAL
(Sea NOTE overleaf)

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

Name Proposed:	Echi Seamount	Ocean or Sea:	Central 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.

	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
Coordinates:	18°40.3'N (top)	178°58.0'W (top)
	18°37.0'N (bottom)	179°03.2'W (bottom)
	18°37.1'N	179°04.7'W
	18°38.7'N	179°05.0'W
	18°40.1'N	179°02.8'W
	18°41.7'N	179°01.0'W
	18°42.0'N	178°58.5'W
	18°41.7'N	178°55.4'W
	18°41.1'N	178°53.8'W
	18°40.2'N	178°53.2'W
	18°39.3'N	178°53.0'W
	18°38.4'N	178°53.5'W
	18°37.6'N	178°54.4'W
	18°38.5'N	178°57.6'W
	18°38.5'N	178°59.3'W
	18°38.1'N	179°01.9'W
18°37.0'N	179°03.2'W	

Feature Description:	Maximum Depth:	3110 m	Steepness :	
	Minimum Depth :	1860 m	Shape :	
	Total Relief :	1250 m	Dimension/Size :	22km×7km

Associated Features:	This seamount has a flat top. The whole seamount extends from east to west. Its hillsides are steep.
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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 (if a person, state how associated with the feature to be named):	This name comes from a poem named Wu Yang in SHI JING • XIAO YA (Shi Jing is a collection of ancient Chinese poems). This poem describes the lively hunting life with prosperous cattle and sheep spreading over the hills and ponds. The shepherd wearing straw rain cape and bamboo hat gently waves his whip and the cattle and sheep jump onto the top of the hill. The shepherd dreams locusts turning into fish and flags with eagles. A seer tells him that the dream forebodes a great harvest the next year. This region has many seamounts such as
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	the Weiyu Seamount, we use six words, Suoli, Chunyang, Nianfeng, Echi, Huigong and Mulai in the poem Wuyang to name the six seamounts clockwise located in this region to represent the dense seamounts in this region which are just like the flock of cattle and sheep. This seamount is named Achi representing the flock of cattle and sheep all over the hillside and poolside.
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Discovery Facts:	Discovery Date:	Nov. 1998
	Discoverer (Individual, Ship):	R/V Dayang Yihao

Supporting Survey Data, including Track Controls:	Date of Survey:	Nov. 1998
	Survey Ship:	R/V Dayang Yihao
	Sounding Equipment:	Seabeam2112.360
	Type of Navigation:	Sercel NR51 DGPS
	Estimated Horizontal Accuracy (nm):	≤0.08nm
	Survey Track Spacing:	5nm
Supporting material can be submitted as Annex in analog or digital form.		

Proposer(s):	Name(s):	China Ocean Mineral Resources R&D Association(COMRA)
	Date:	10 Sept. 2015
	E-mail:	comra@comra.org
	Organization and Address:	State Oceanic Administration, China No.1 Fuxingmenwai Ave. Beijing
	Concurrer (name, e-mail, organization and address):	

Remarks:	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
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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 not exist or is not known, either to the IHB or to the IOC (see addresses 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 addresses :

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
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Attachment

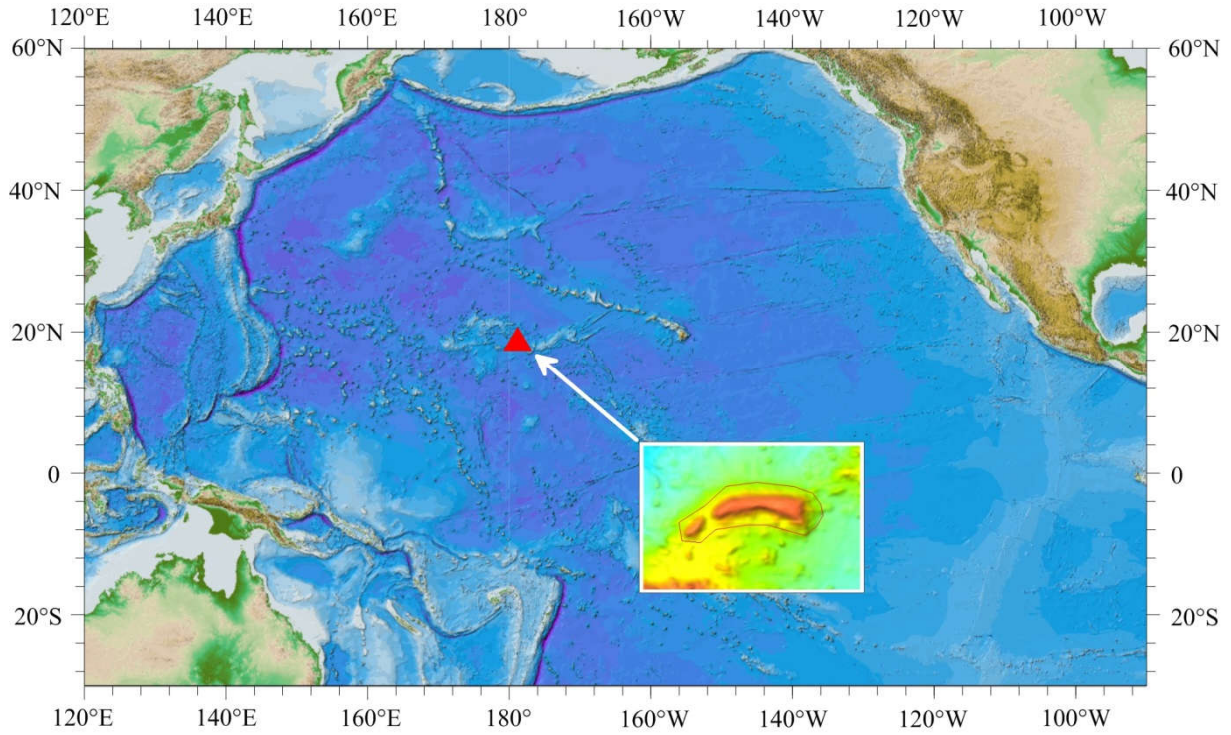


Fig1. Index map showing the location of the Echi Seamount

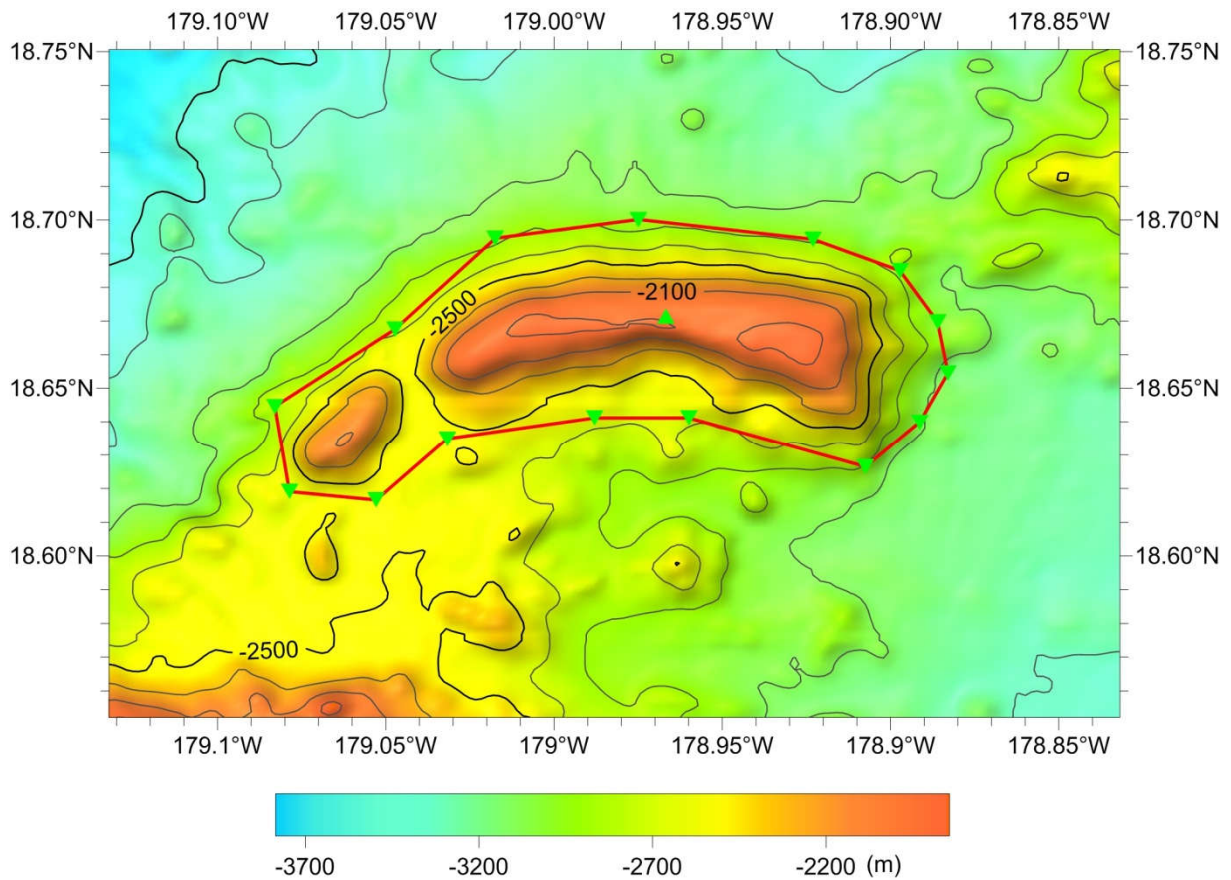


Fig2. Bathymetric map of the Echi Seamount

(Contours are in 200 m)

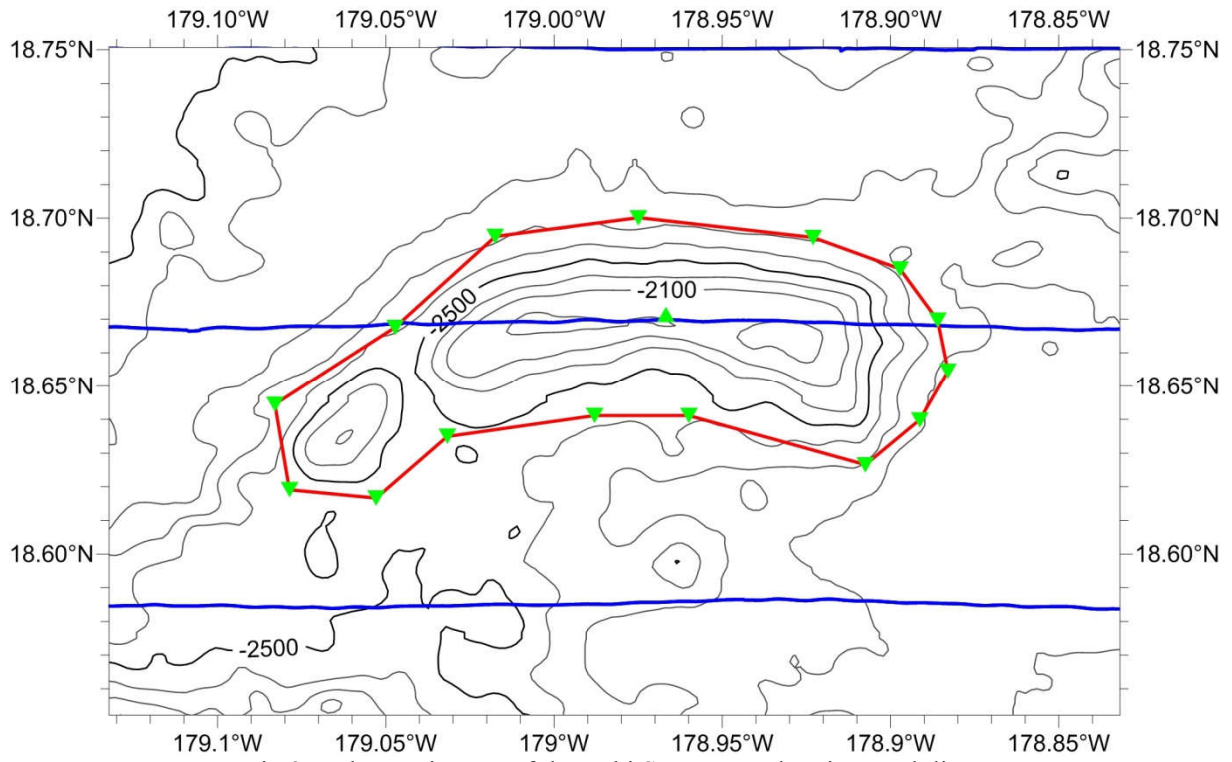


Fig.3 Bathymetric map of the Echi Seamount, showing track lines

(Contours are in 200 m, blue lines are survey lines)

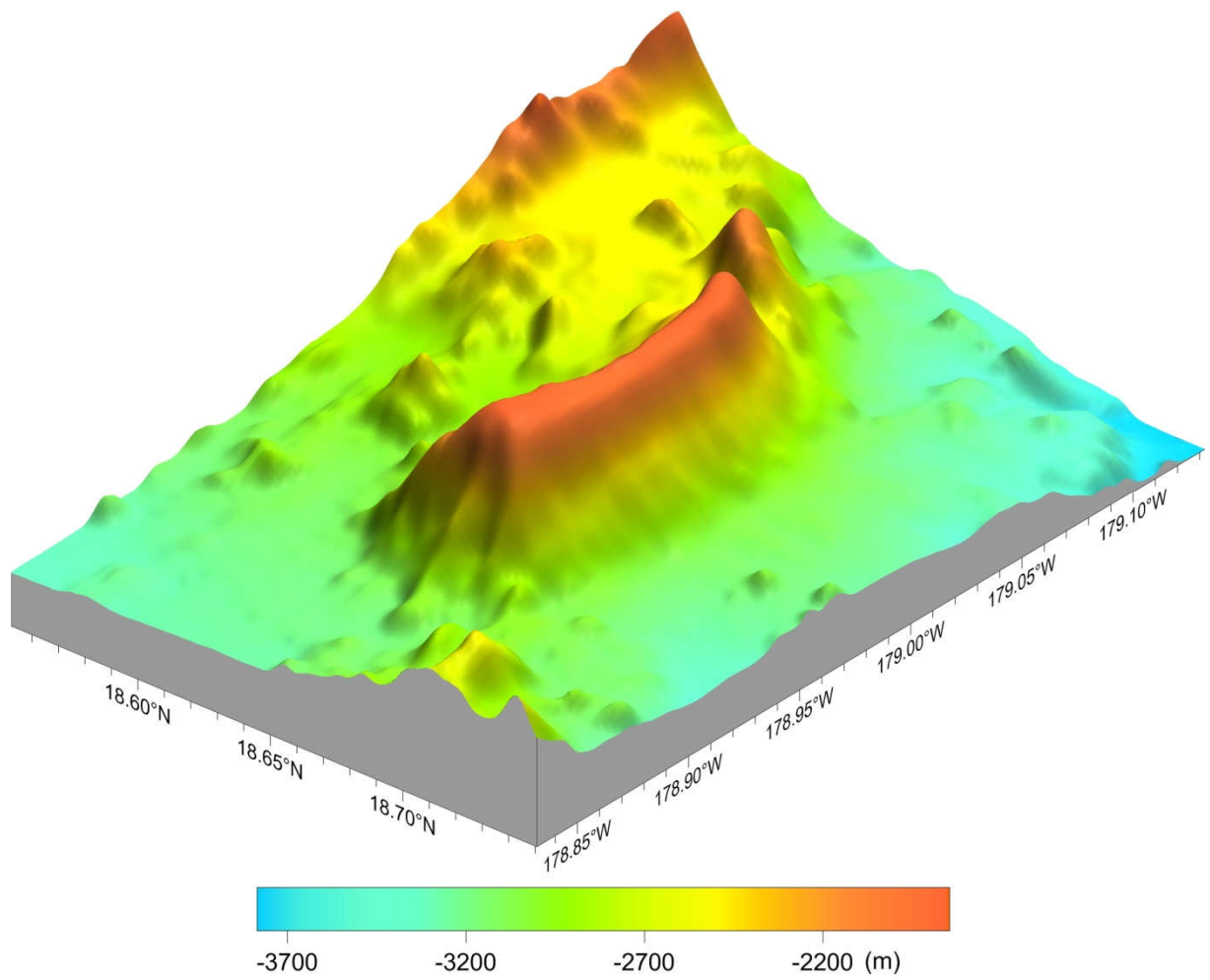


Fig 4. 3-D topography map of Echi Seamount

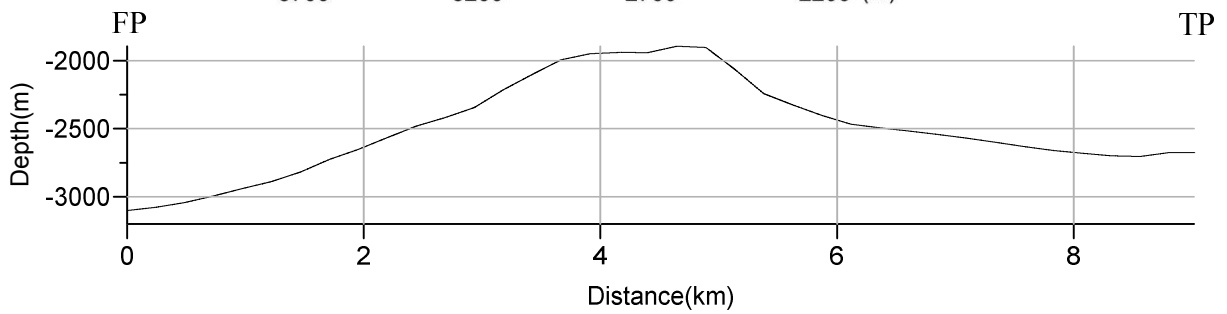
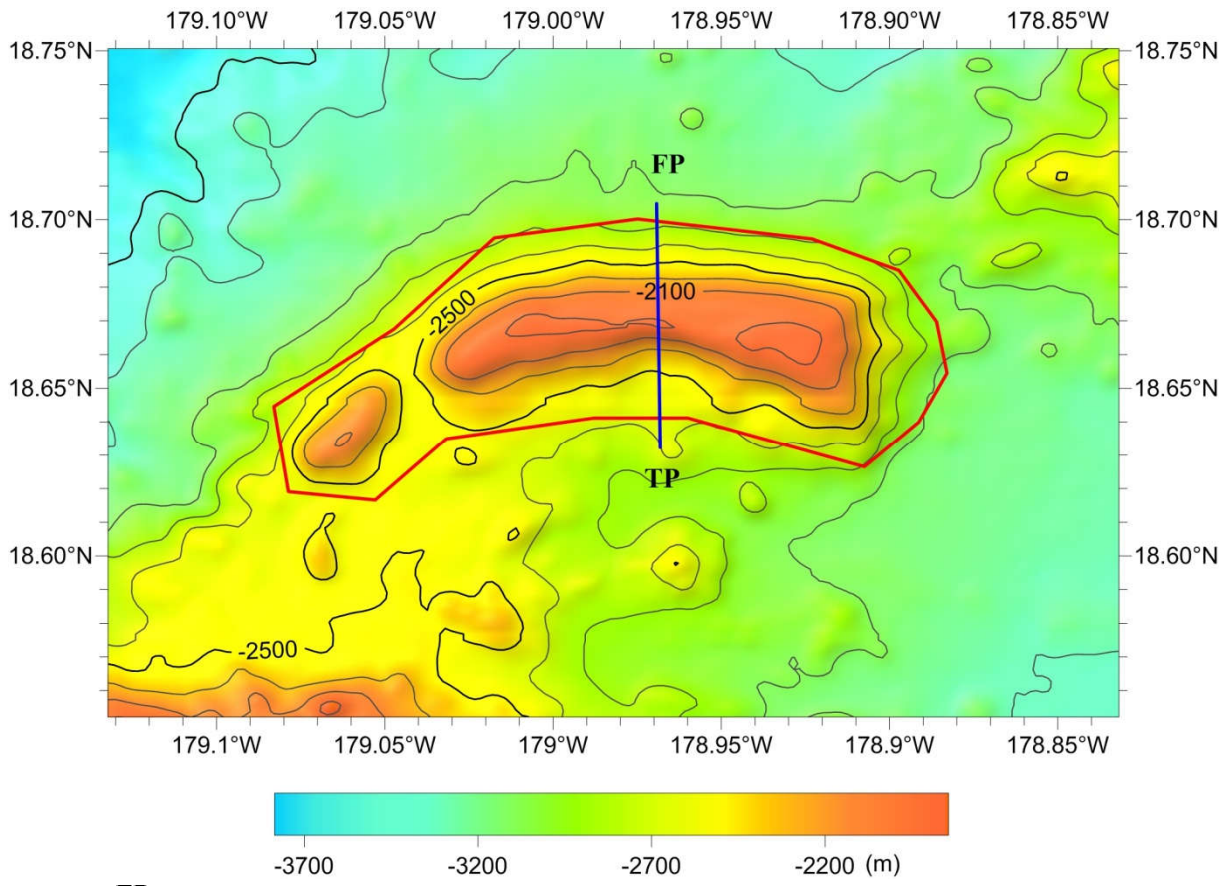


Fig.5 Bathymetric map and profile of Echi Seamount