

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Junhui Seamount	Ocean or Sea:	Southwest Indian 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)
	37°30.0'S (top)	51°42.0'E (top)
	37°35.3'S (bottom)	51°36.2'E (bottom)
	37°32.0'S	51°34.1'E
	37°30.1'S	51°36.2'E
	37°24.8'S	51°37.9'E
	37°24.4'S	51°42.7'E
	37°24.8'S	51°47.7'E
	37°28.4'S	51°54.8'E
	37°32.8'S	51°48.2'E
37°34.7'S	51°41.9'E	
37°35.3'S	51°36.2'E	

Feature Description:	Maximum Depth:	3200 m	Steepness :	
	Minimum Depth :	1300 m	Shape :	
	Total Relief :	1900 m	Dimension/Size :	23 km ×14km

Associated Features:	Junhui Seamount is located at the central rift valley of the Southwest Indian Ridge, and is adjacent to a nearly EW extending trench in the north.
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.09
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Junhui comes from a poem named Weitianzhiming in Shijing·Zhou Song. Shijing is a collection of ancient Chinese poems from 11th century B.C. to 6th century B.C. Junhui means we should follow the noble character of Emperor Wen (B.C. 1152-B.C.1056) of Zhou Dynasty of China.
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Discovery Facts:	Discovery Date:	2009
	Discoverer (Individual, Ship):	Chinese R/V Dayang Yihao

Supporting Survey Data, including Track Controls:	Date of Survey:	2009
	Survey Ship:	Chinese R/V Dayang Yihao
	Sounding Equipment:	Multibeam Sounding System (Seabeam2112.360)
	Type of Navigation:	DGPS

	Estimated Horizontal Accuracy (nm):	≤ 0.08 nm
	Survey Track Spacing:	5 nm
Supporting material can be submitted as Annex in analog or digital form.		

Proposer(s):	Name(s):	China Ocean Mineral Resources R&D Association
	Date:	July 1, 2016
	E-mail:	comra@comra.org
	Organization and Address:	No.1, Fuxingmenwai Street, Xicheng District, Beijing, China
	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 Street, Xicheng District, Beijing, China, 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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Figures

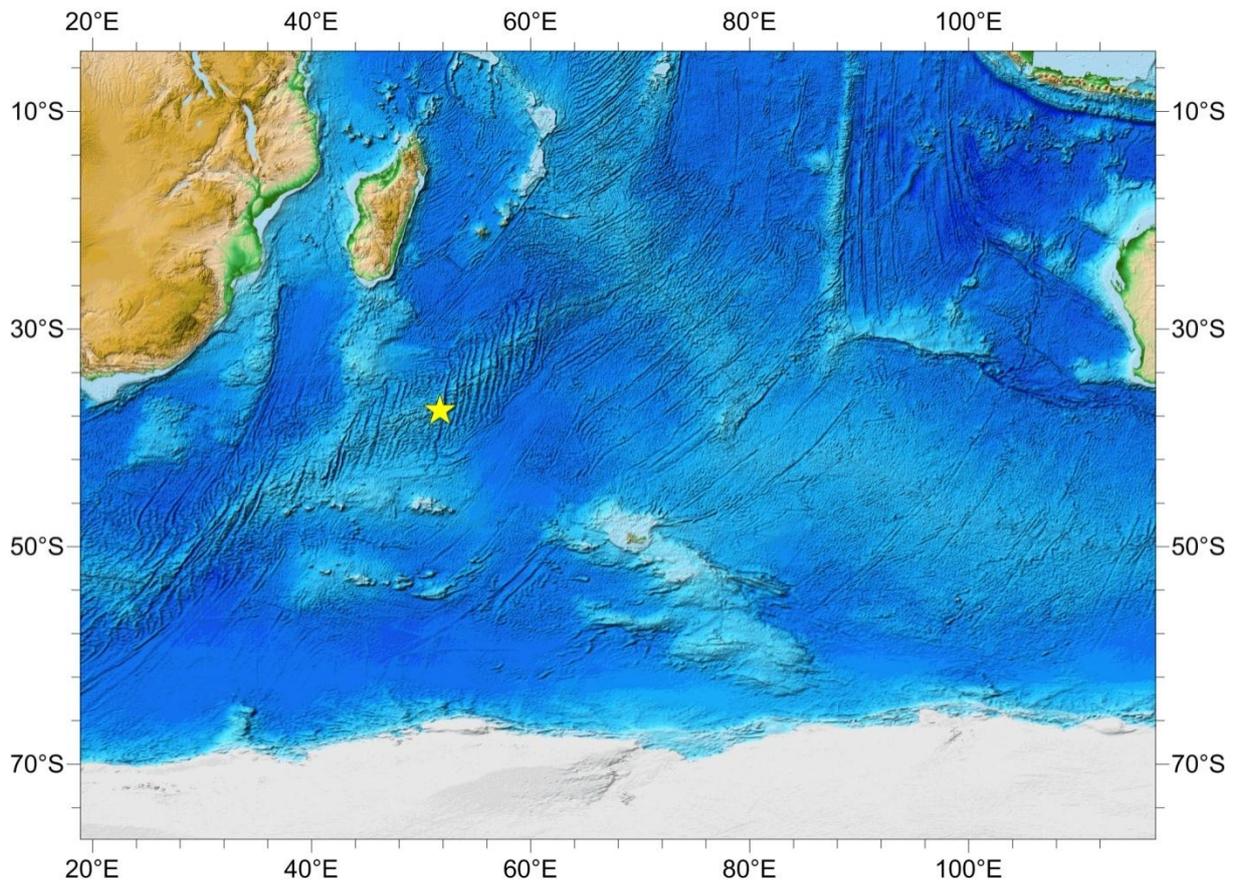


Fig 1. Location map of Junhui Seamount

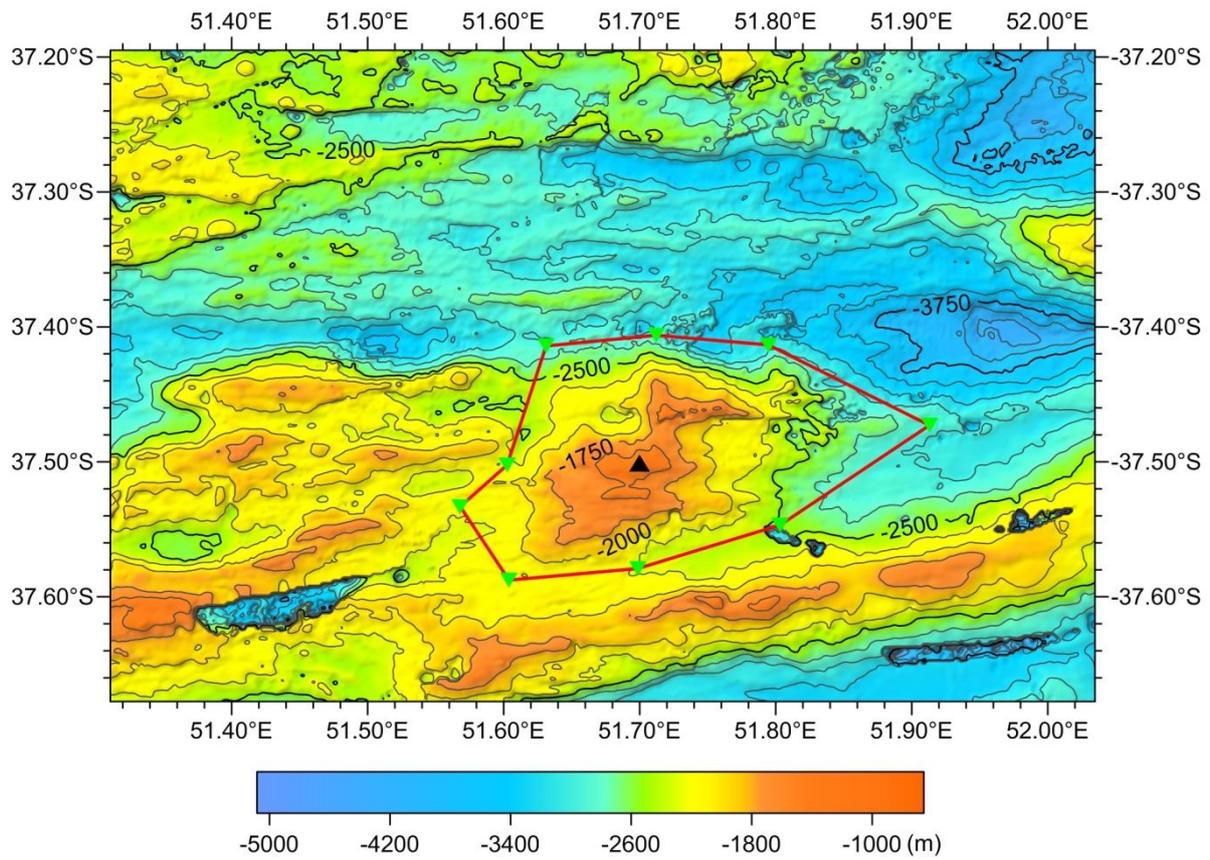


Fig 2. Bathymetric map of Junhui Seamount (Contours are in 200 m)

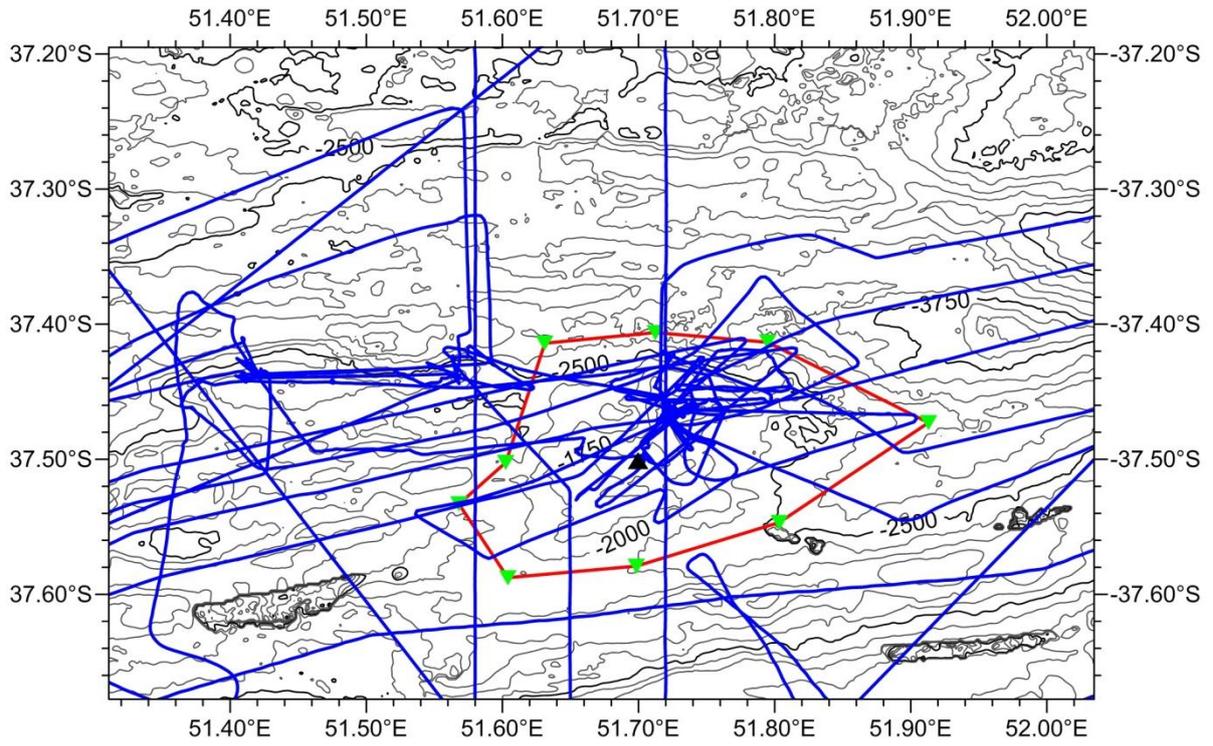


Fig 3. Isobath and survey line map of Junhui Seamount (Contours are in 200 m, blue lines are survey lines)

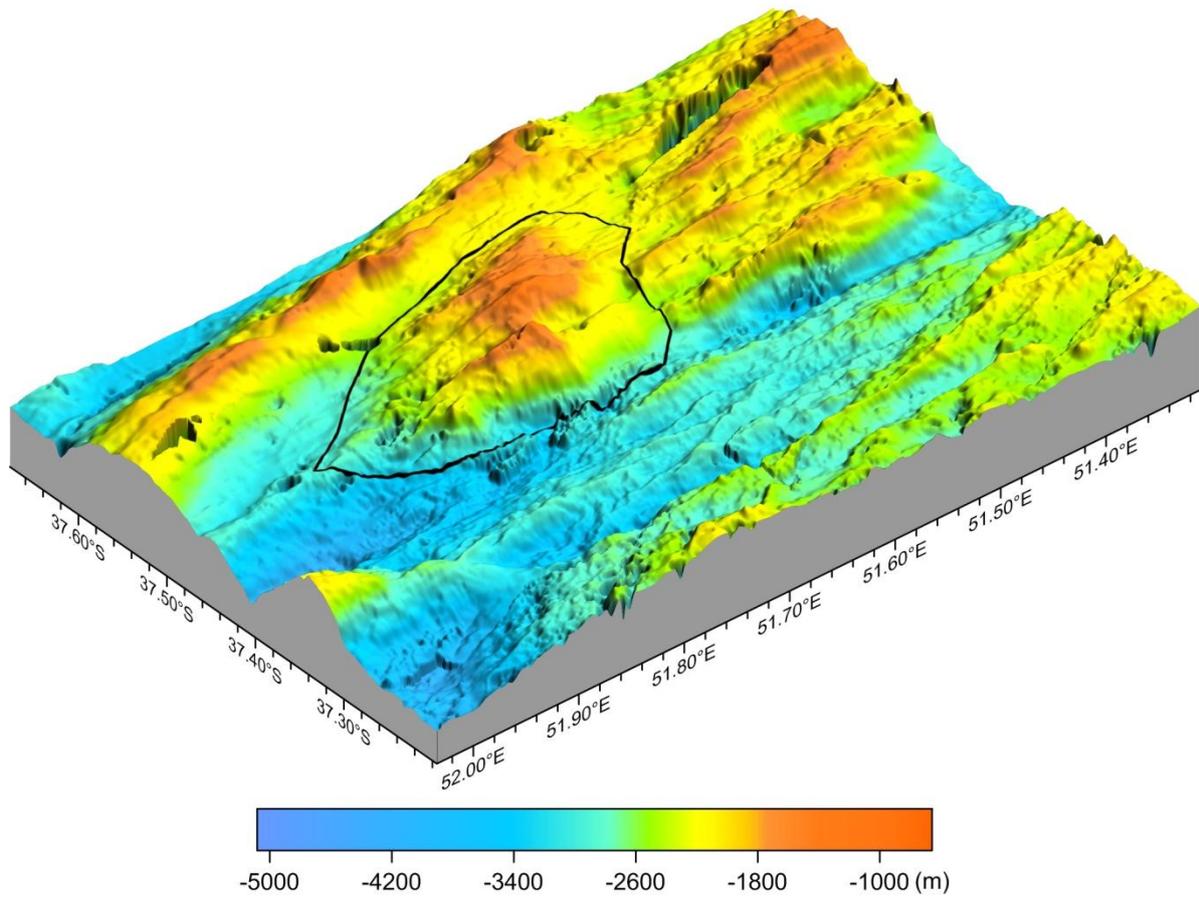


Fig 4. 3-D topography map of Junhui Seamount

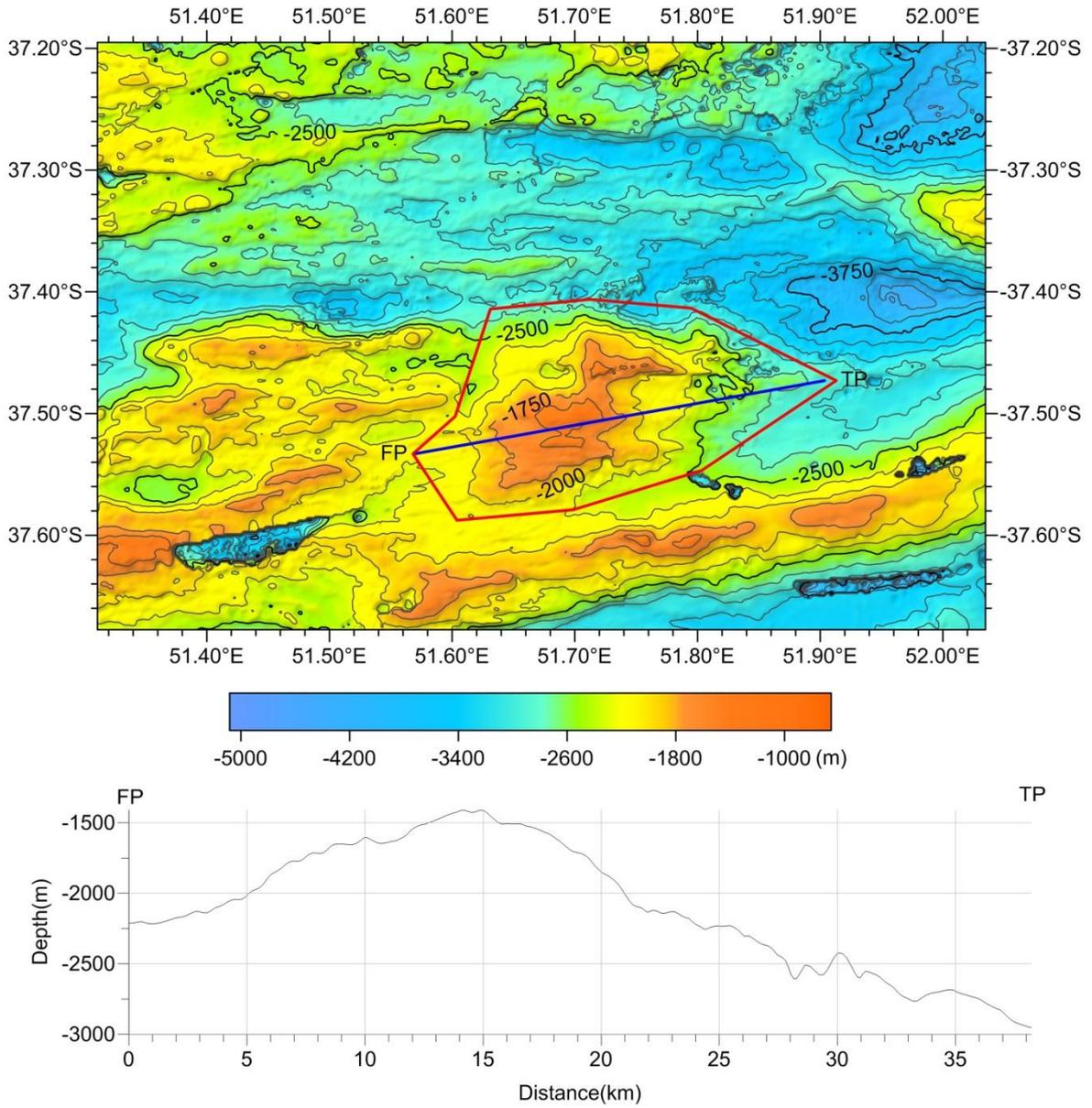


Fig 5. Topography profile map of Junhui Seamount