

UNDERSEA FEATURE NAME PROPOSAL
(See IHO-IOC Publication B-6 and NOTE overleaf)

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

Name Proposed:	Zuoqiuming Hill	Ocean or Sea:	Ross sea
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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)
	74 °58.64'S(Summit)	163 °57.08'E(Summit)
	74 °57.86'S(Bottom)	164 °3.51'E(Bottom)
	74 °59.12'S	164 °4.30'E
	75 °0.10'S	164 °1.60'E
	75 °0.23'S	163 °56.68'E
	75 °0.40'S	163 °52.27'E
	74 °59.57'S	163 °53.19'E
	74 °59.06'S	163 °53.10'E
	74 °58.18'S	163 °55.33'E
	74 °57.60'S	163 °57.74'E
	74 °57.41'S	164 °0.20'E
74 °57.87'S(Bottom)	164 °3.62'E(Bottom)	

Feature Description:	Maximum Depth:	650 m	Steepness :	5.1 °
	Minimum Depth :	380 m	Shape :	Polygon
	Total Relief :	270 m	Dimension/Size :	7 km × 5 km

Associated Features:	Near the Drygalski Trough
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO G.08
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Zuo Qiuming was a Chinese writer and contemporary of Confucius who lived in the State of Lu during the Spring and Autumn period of ancient China. The influential Zuozhuan (Commentary of Zuo) is traditionally attributed to him. He is also possibly a contributor to Guoyu.
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Discovery Facts:	Discovery Date:	JAN. 2018
	Discoverer (Individual, Ship):	R/V Xuelong

Supporting Survey Data, including Track Controls:	Date of Survey:	Jan 21-25, 2018
	Survey Ship:	R/V Xuelong
	Sounding Equipment:	SeaBeam 3020
	Type of Navigation:	VERIPOS LD5 DGPS

Estimated Horizontal Accuracy, in nautical miles (M):	≤0.0025 nm
Survey Track Spacing:	1 km
Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	Gao Jinyao, Yang Chunguo
	Date:	April 20, 2018
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	Organization and Address:	Second Institute of Oceanography, SOA, China No.36 Baochubei Road, Hangzhou China 310012
	Concurrer (name, e-mail, organization and address):	

Remarks:	This proposal has been reviewed and approved by China Subcommittee on Undersea Feature 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 Publication B-6) or, if this does not exist or is not known, either to the IHO 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 IHO or to the IOC, at the following addresses :

International Hydrographic Organization (IHO) 4b, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@iho.int Web: www.iho.int	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org Web: http://ioc-unesco.org/
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Attachment

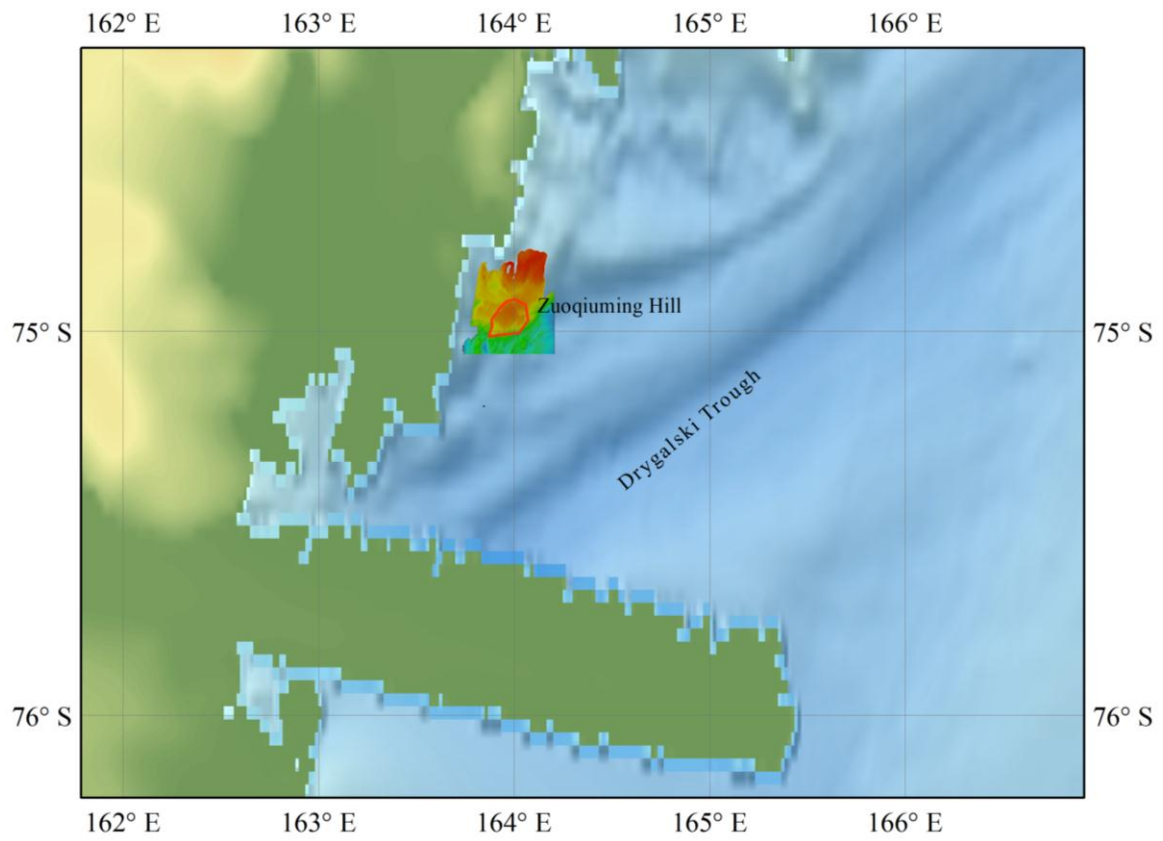


Fig1. Index map showing the location of the Zuoqiuming Hill

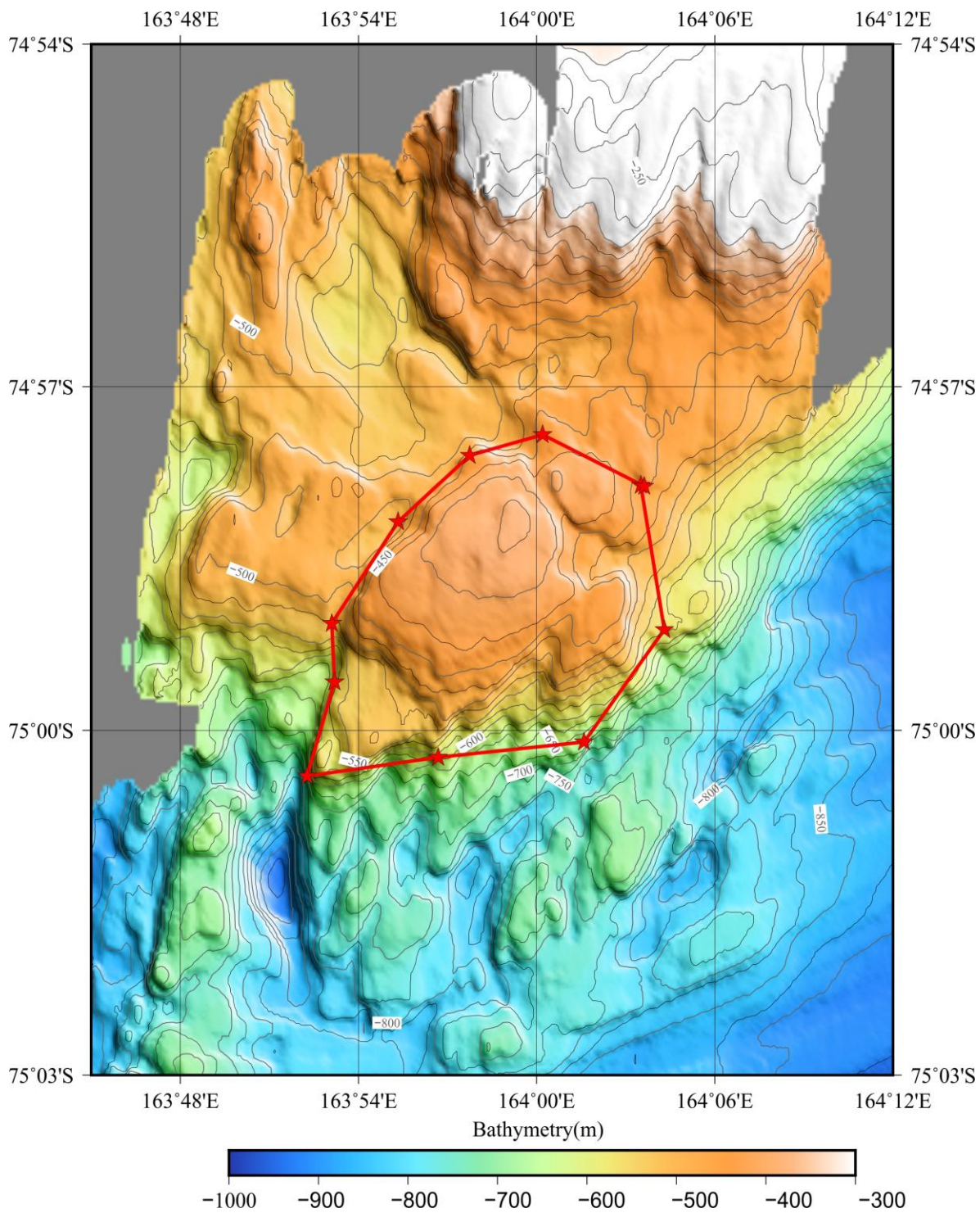


Fig2. Bathymetric map of the Zuoqiuming Hill
(Contours are in 25 m spacing)

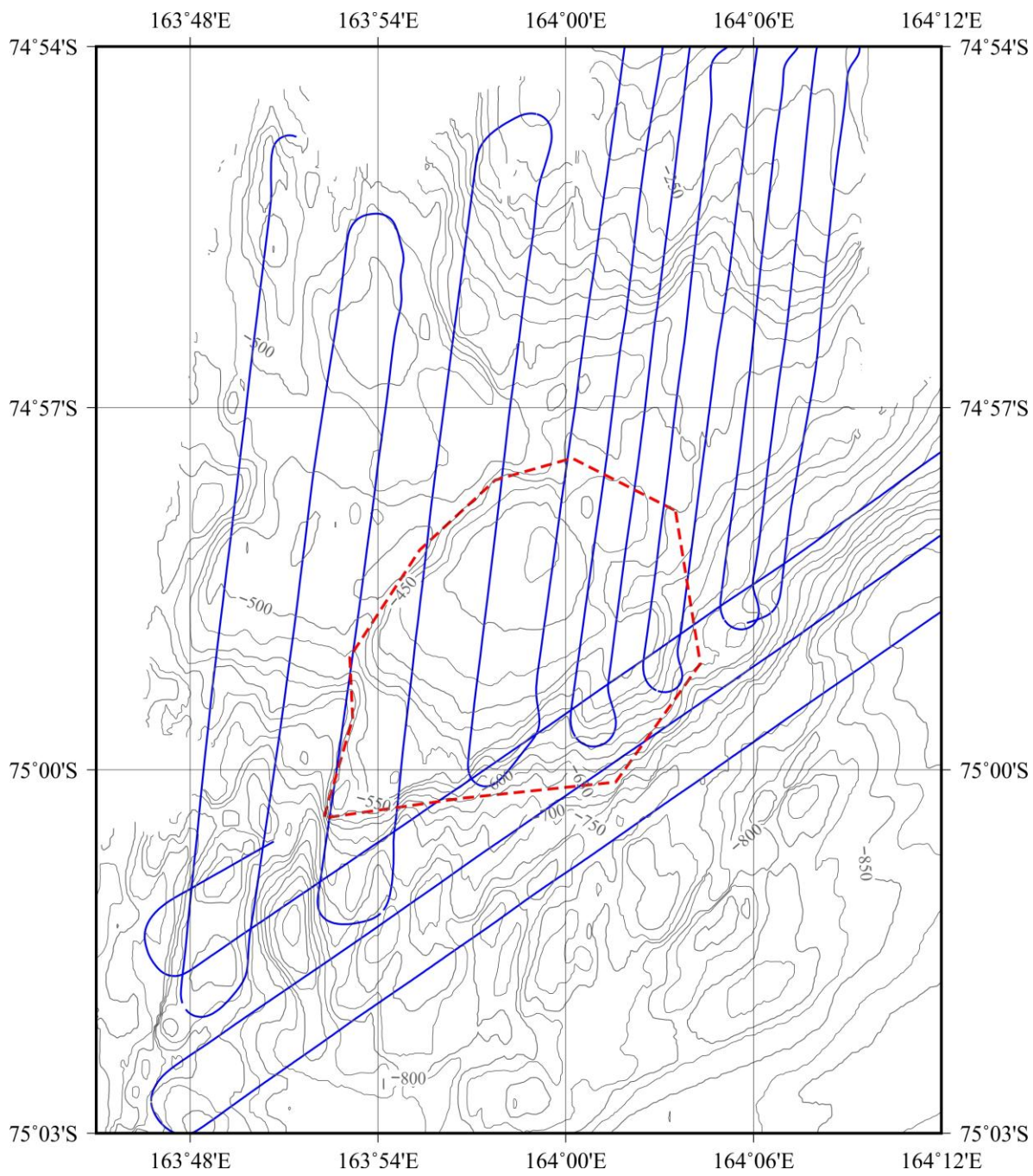


Fig3. Bathymetric map of the Zuoqiuming Hill, showing track lines.
(Contours are in 25 m spacing, blue lines denote the survey lines)

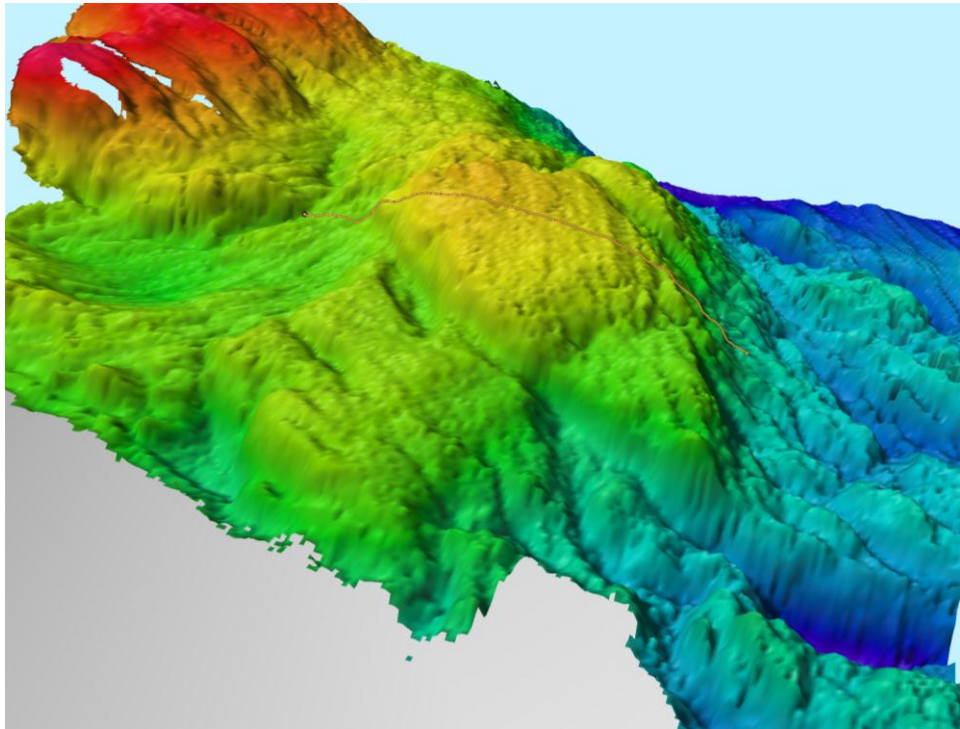


Fig4. 3-D topographic map of Zuoqiuming Hill

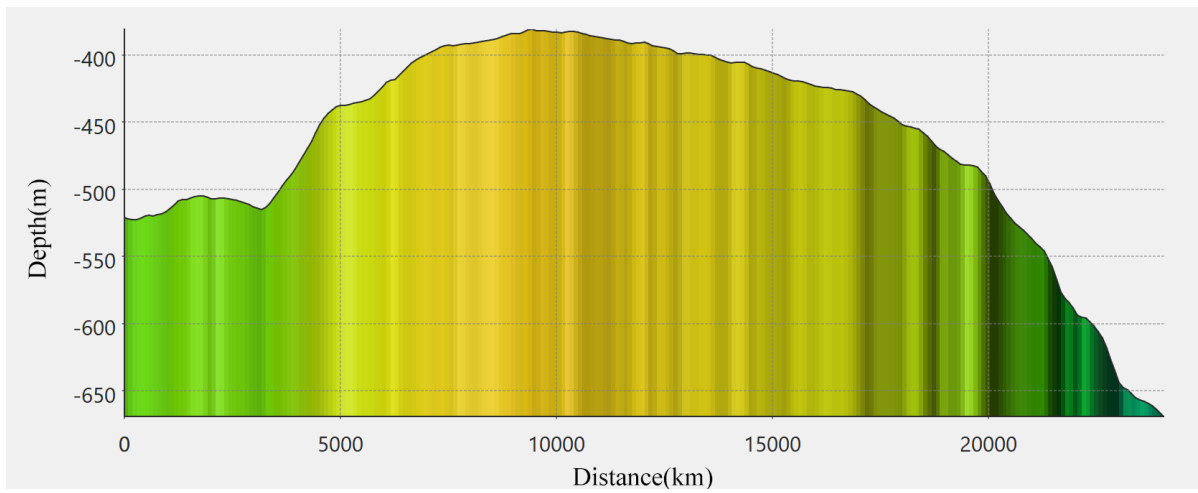


Fig5. Profile of Zuoqiuming Hill