

**UNDERSEA FEATURE NAME PROPOSAL**  
(Sea NOTE overleaf)

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

<b>Name Proposed:</b>	Wocan Ridge	<b>Ocean or Sea:</b>	Northwest Indian Ocean
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<b>Geometry that best defines the feature (Yes/No) :</b>						
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)
<b>Coordinates:</b>	06°21.6'N (top)	060°32.1'E (top)
	06°16.8'N (bottom)	060°37.3'E (bottom)
	06°18.5'N	060°33.5'E
	06°21.8'N	060°27.8'E
	06°23.7'N	060°26.6'E
	06°25.0'N	060°25.5'E
	06°25.9'N	060°24.3'E
	06°26.2'N	060°24.6'E
	06°26.2'N	060°26.2'E
	06°25.5'N	060°28.3'E
	06°24.3'N	060°30.7'E
	06°20.3'N	060°36.4'E
	06°19.3'N	060°38.1'E
06°18.7'N	060°38.8'E	
06°16.8'N	060°37.3'E	

<b>Feature Description:</b>	Maximum Depth:	3500m	Steepness :	
	Minimum Depth :	2850m	Shape :	Line
	Total Relief :	650m	Dimension/Size :	29km×6km

<b>Associated Features:</b>	This ridge which belongs to new volcanic ridge is located in the central rift of the Carlsberg Ridge. It is linearly distributed with a SE-NW strike, 29km long and 6km wide. The top and the bottom of the ridge are 2850m and 3500m in depth respectively, with a maximum depth difference of 650m.
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<b>Chart/Map References:</b>	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.05
	Within Area of Map/Chart:	

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	The shape of this ridge is similar to a silkworm. The silkworm plays an important role in human economic life and cultural history. About 4000 years ago, Chinese had started to cultivate silkworms and use silk.
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<b>Discovery Facts:</b>	Discovery Date:	Apr. 2012
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	Discoverer (Individual, Ship):	R/V Li siguang Hao
<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	Apr. 2012
	Survey Ship:	R/V Li siguang Hao
	Sounding Equipment:	Multi-beam Sounding System (EM120)
	Type of Navigation:	StarFire-2050M WAD DGPS
	Estimated Horizontal Accuracy (nm):	≤0.0054nm
	Survey Track Spacing:	5nm
	Supporting material can be submitted as Annex in analog or digital form.	
<b>Proposer(s):</b>	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
	Concurren (name, e-mail, organization and address):	
<b>Remarks:</b>	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 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: <a href="mailto:info@ihb.mc">info@ihb.mc</a>	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a>
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# Attachment

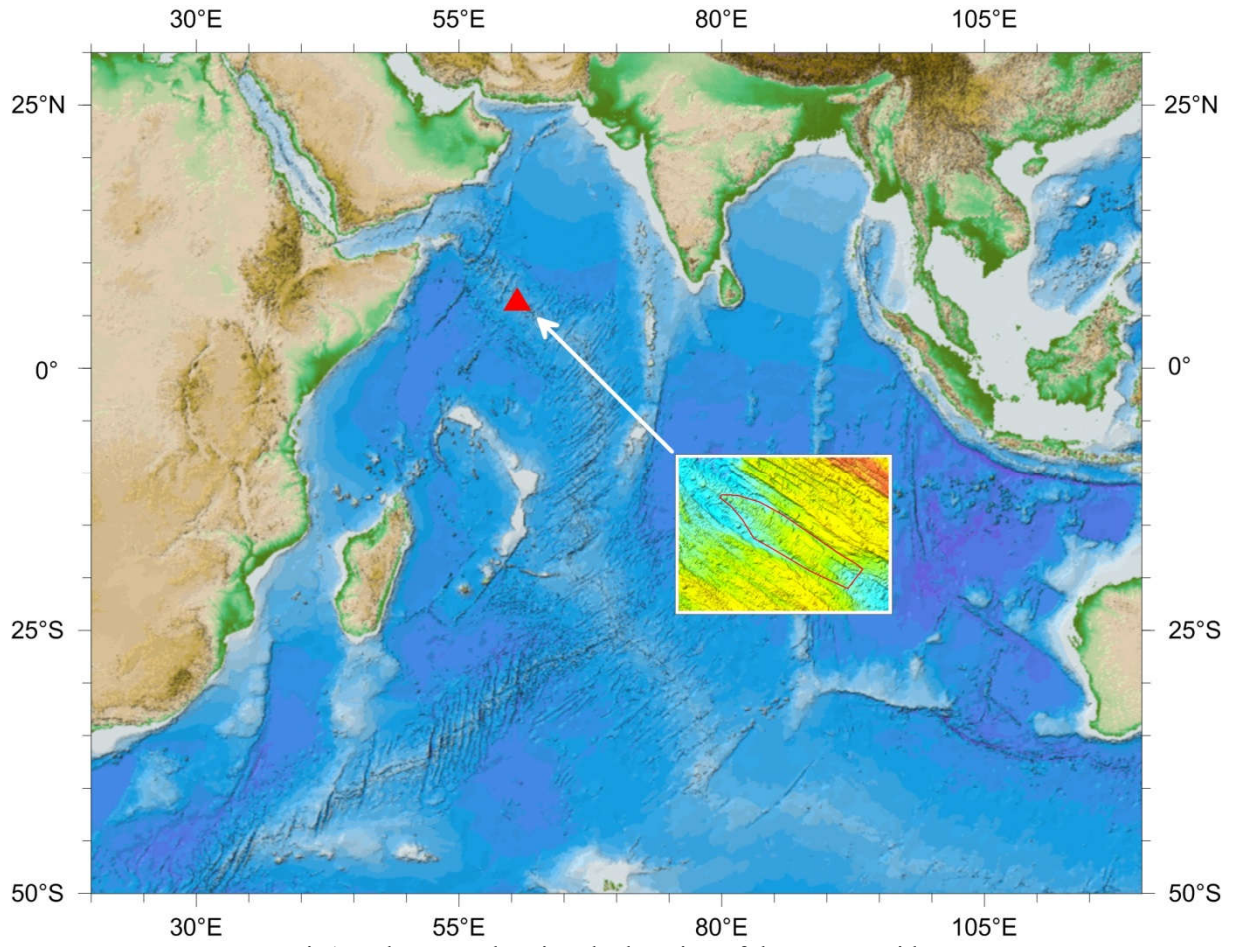


Fig1. Index map showing the location of the Wocan Ridge

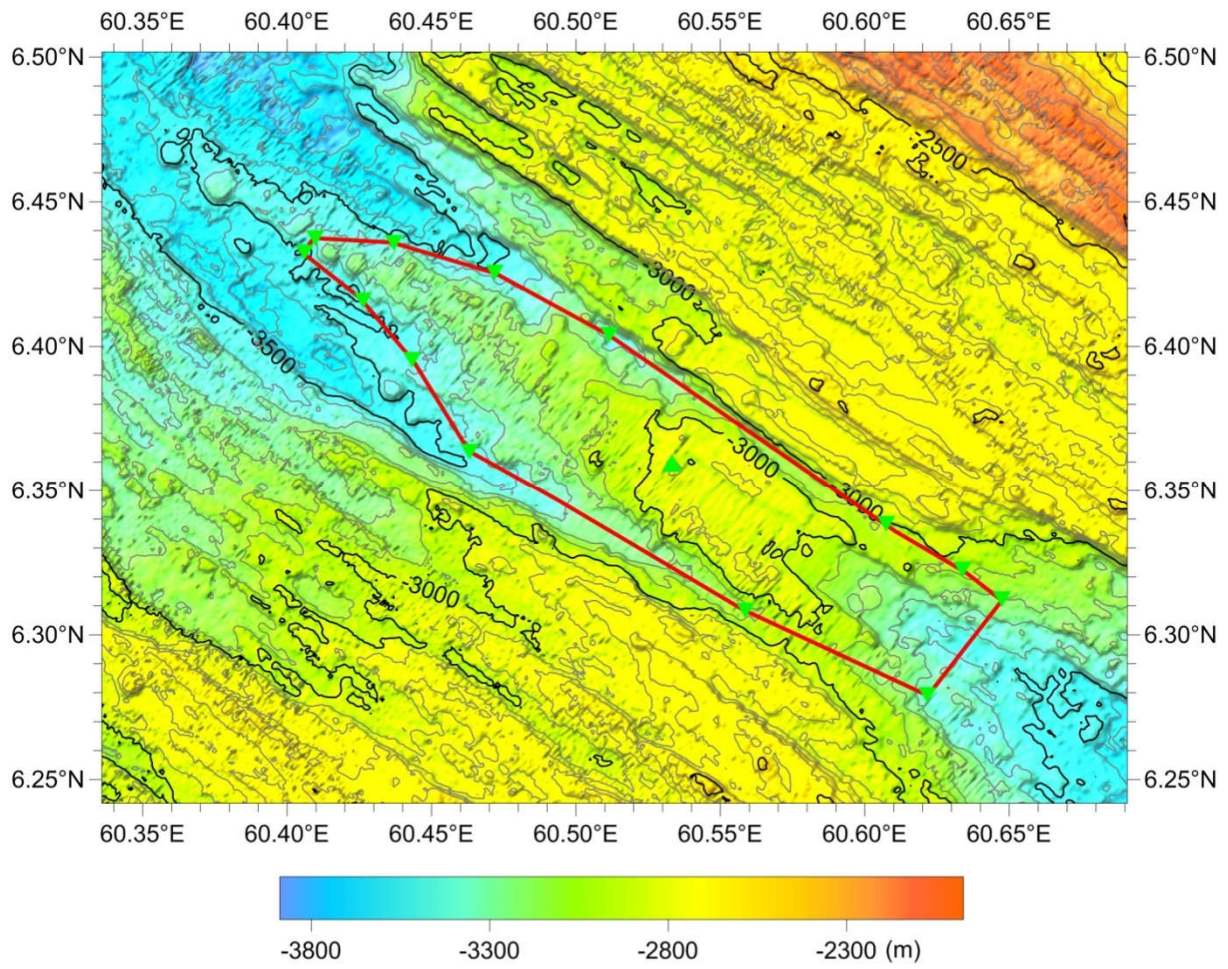


Fig2. Bathymetric map of the Wocan Ridge

(Contours are in 100 m)

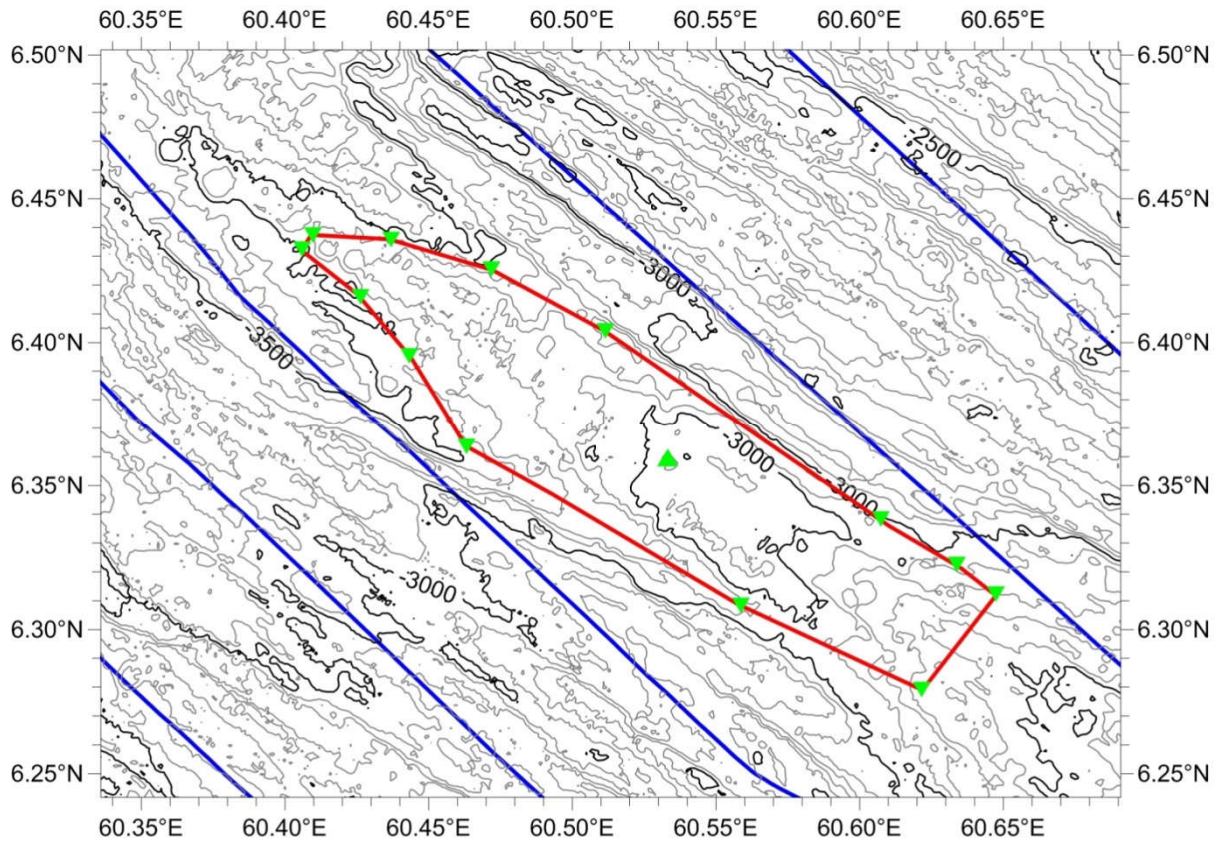


Fig.3 Bathymetric map of the Wocan Ridge, showing track lines

(Contours are in 100 m, blue lines are survey lines)

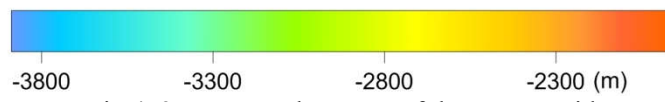
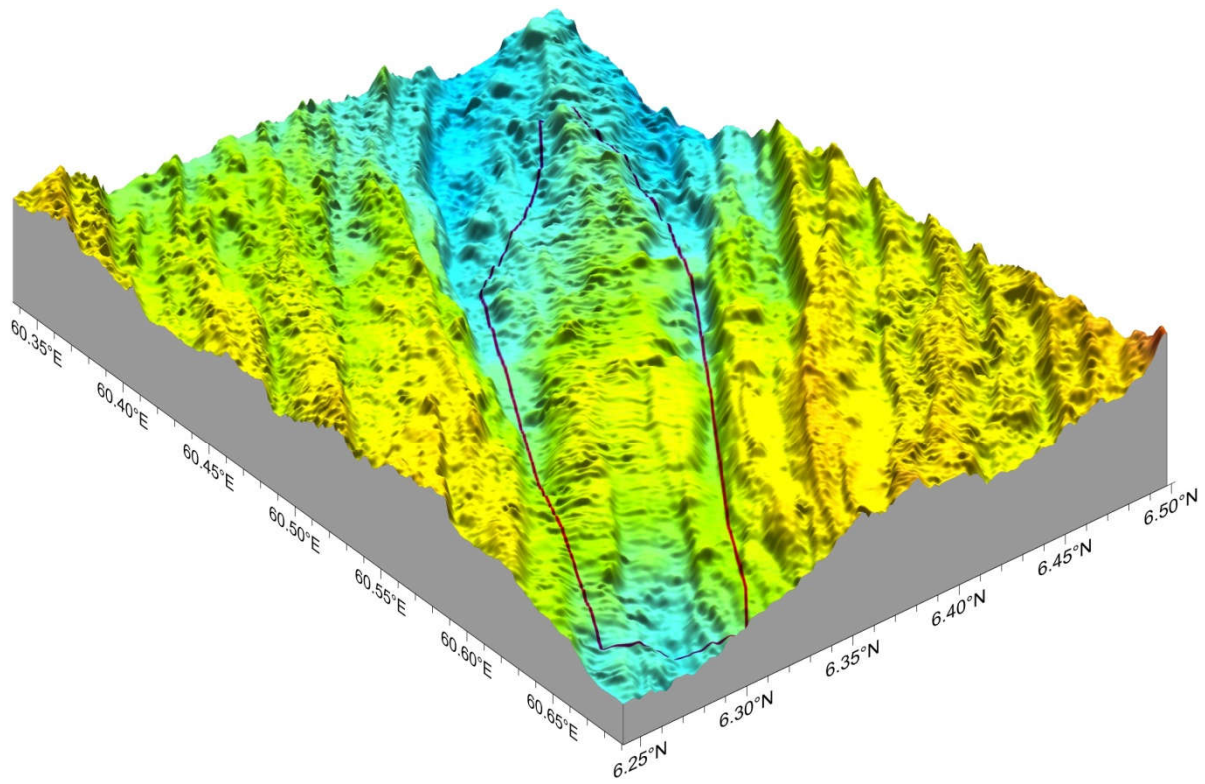


Fig 4. 3-D topograhpy map of the Wocan Ridge

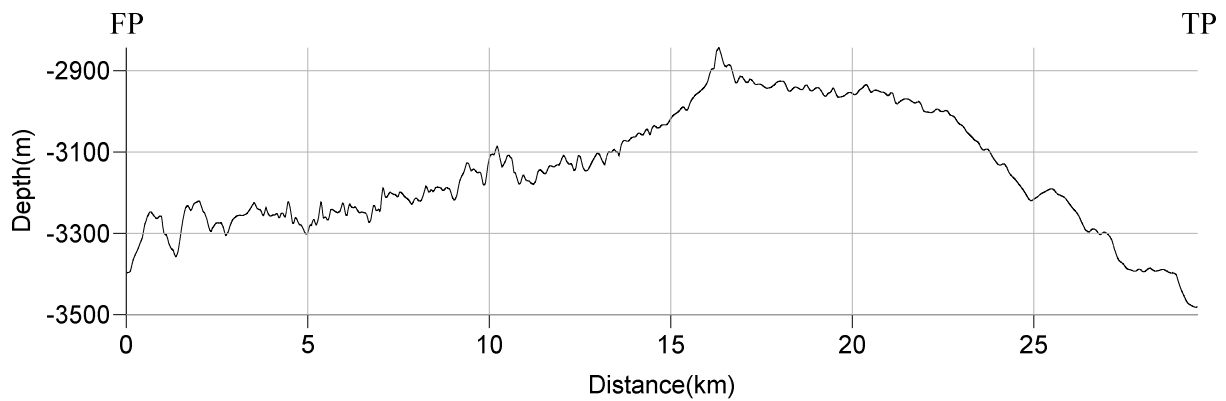
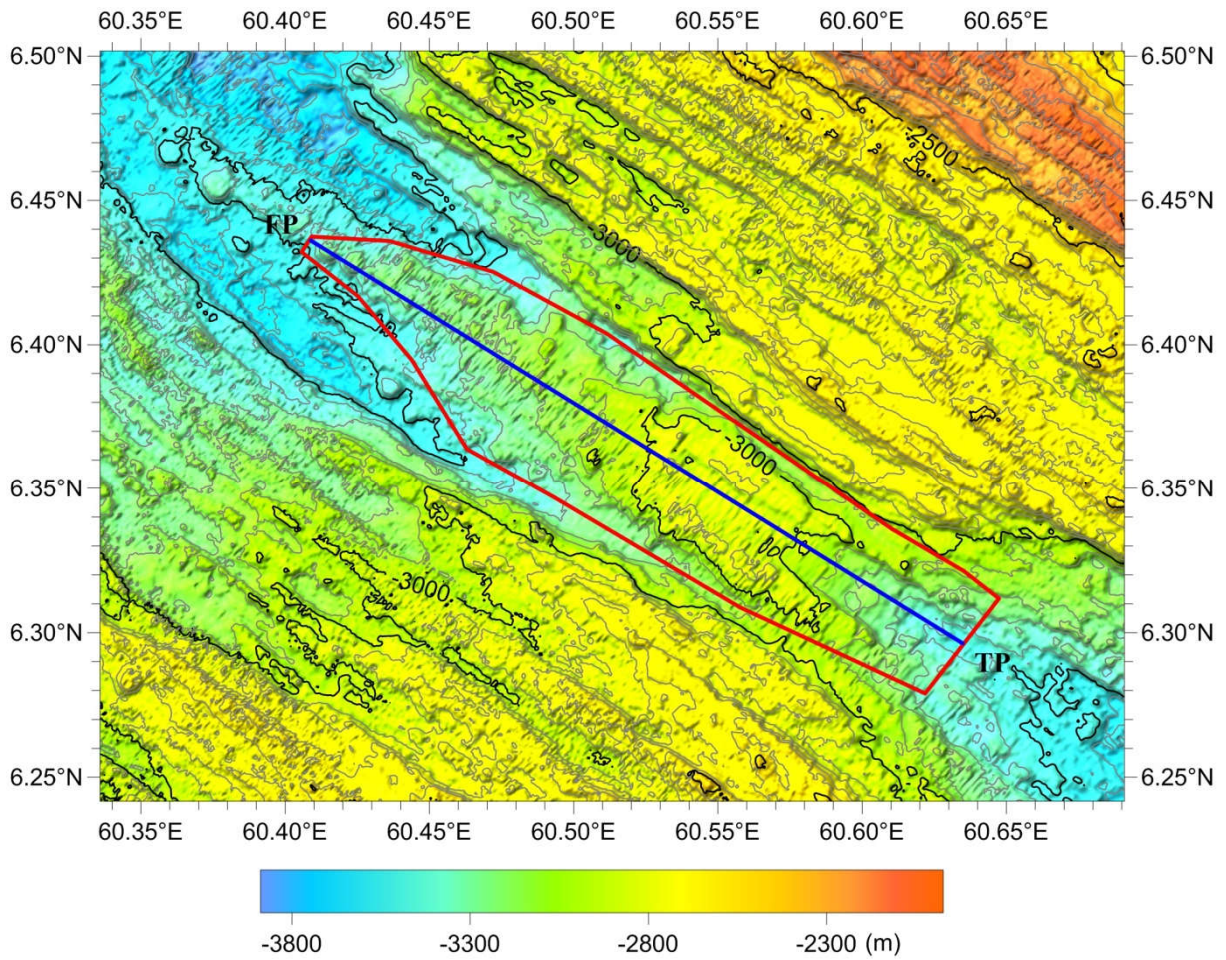


Fig.5 Bathymetric map and profile of the Wocan Ridge