

**UNDERSEA FEATURE NAME PROPOSAL**  
(SeaNOTE overleaf)

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

<b>Name Proposed:</b>	SuzheKnoll	<b>Ocean or Sea:</b>	Eastern Pacific Ocean
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<b>Geometry</b> 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)
<b>Coordinates:</b>	08°12.2'N (top)	146°30.5'W (top)
	08°09.7'N (bottom)	146°31.6'W (bottom)
	08°10.0'N	146°30.6'W
	08°10.6'N	146°29.9'W
	08°11.6'N	146°29.4'W
	08°12.6'N	146°29.5'W
	08°13.4'N	146°29.8'W
	08°13.7'N	146°30.6'W
	08°13.7'N	146°31.6'W
	08°13.4'N	146°32.4'W
	08°12.5'N	146°33.0'W
	08°11.2'N	146°32.9'W
	08°10.1'N	146°32.6'W
08°09.7'N	146°31.6'W	

<b>Feature Description:</b>	<b>Maximum Depth:</b>	5360 m	<b>Steepness :</b>	
	<b>Minimum Depth :</b>	4850 m	<b>Shape :</b>	
	<b>Total Relief :</b>	510 m	<b>Dimension/Size :</b>	8km×7km

<b>Associated Features:</b>	The shape of the Knoll is conical. Its base diameter is about 8km. The peak is located in the north east where the water depth is 4850m. The water depth around the knoll is 5360m. The maximum elevation difference is about 510m. The western slope is steep, while the eastern slope is smoother.
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<b>Chart/Map References:</b>	<b>Shown Named on Map/Chart:</b>	
	<b>Shown Unnamed on Map/Chart:</b>	GEBCO 5.07
	<b>Within Area of Map/Chart:</b>	

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	Suzhe (AD 1039-1112), a litterateur and a poet of Song Dynasty in China, is one of eight prose masters of Tang-Song period. Suzhe, his father Suxun and his brother Sushi, called 'San Su' altogether, are well known in China for their literary works. They all are included in eight prose masters of Tang-Song period.
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<b>Discovery Facts:</b>	Discovery Date:	Oct. 1995
	Discoverer (Individual, Ship):	R/V DayangYihao

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	Oct. 1995
	Survey Ship:	R/V DayangYihao
	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.		

<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
	Concurrer (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
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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: <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

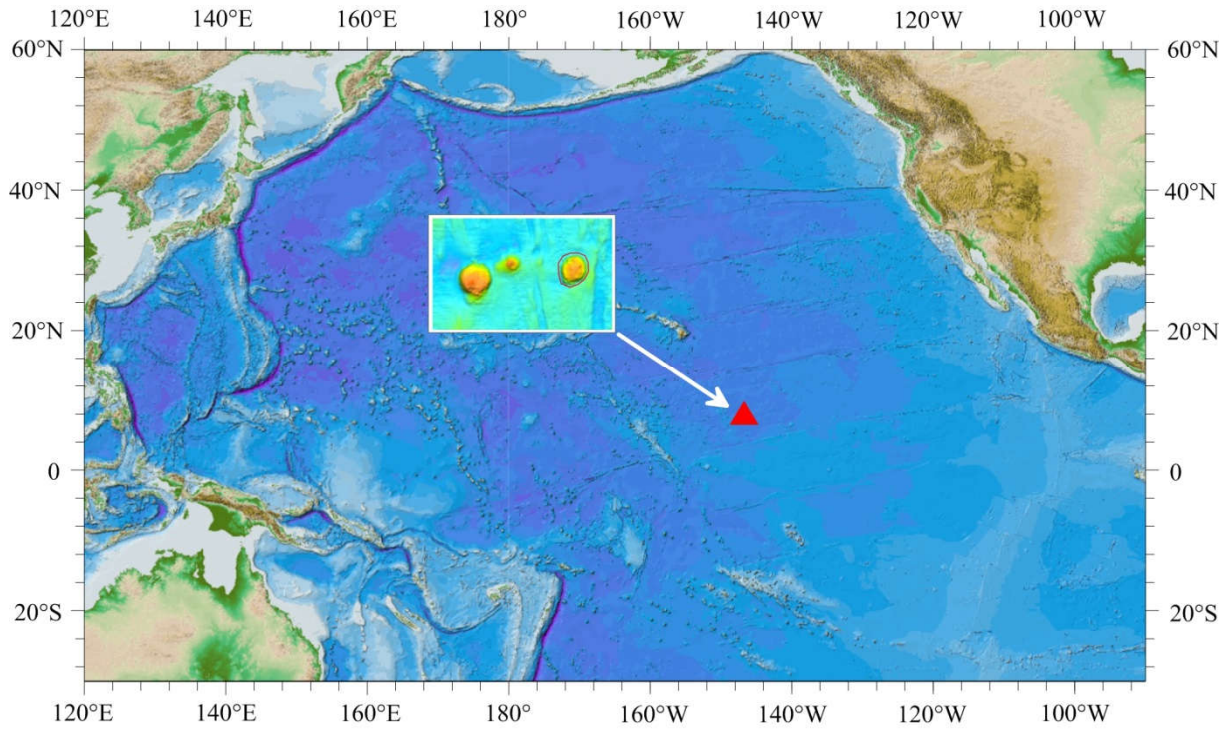


Fig1. Index map showing the location of Suzhe Knoll

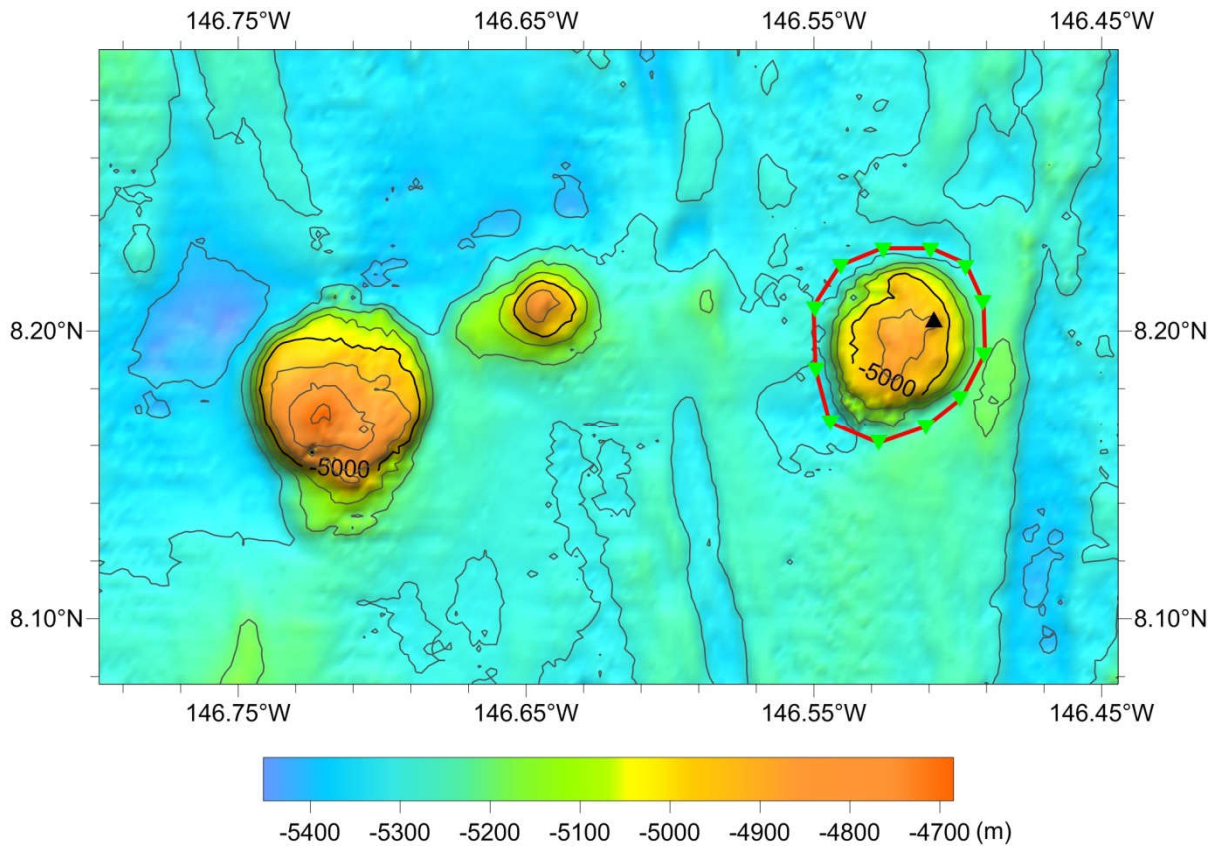


Fig2. Bathymetric map of SuzheKnoll

(Contours are in 100 m)

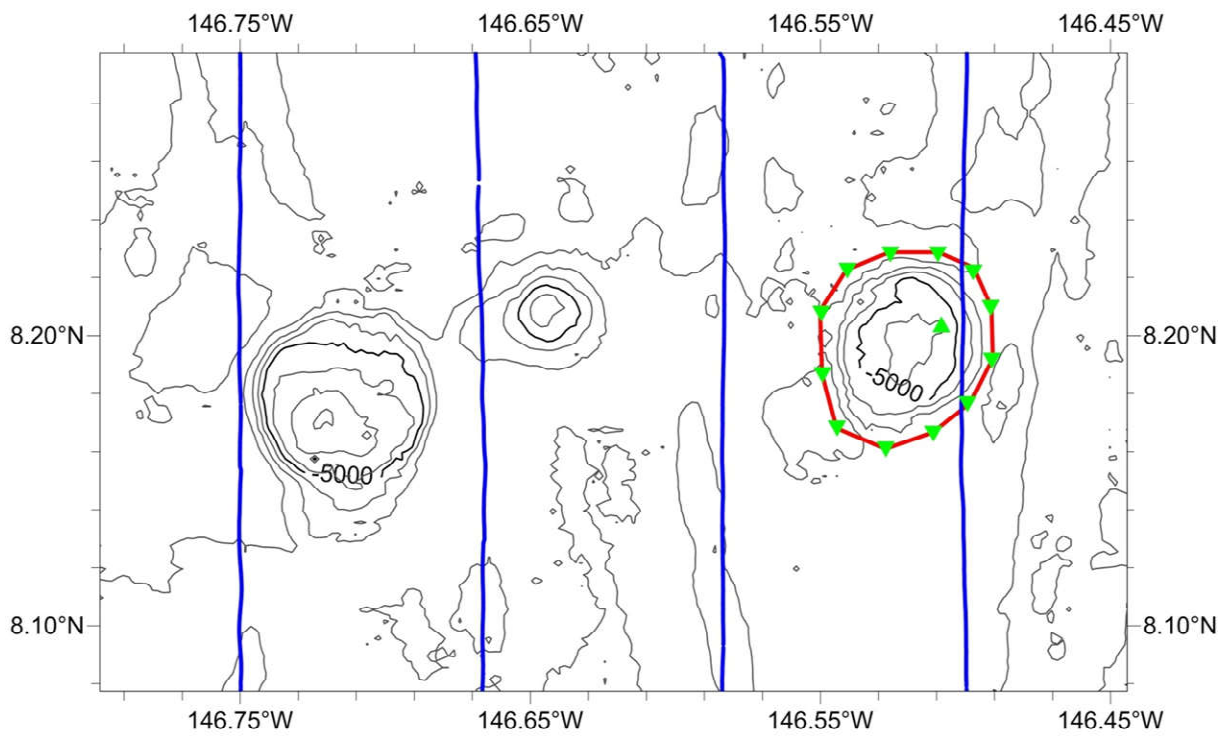


Fig.3 Bathymetric map of SuzheKnoll, showing track lines

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

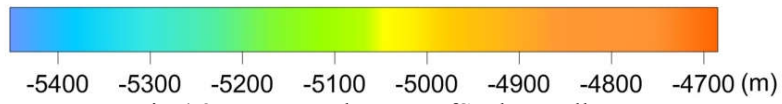
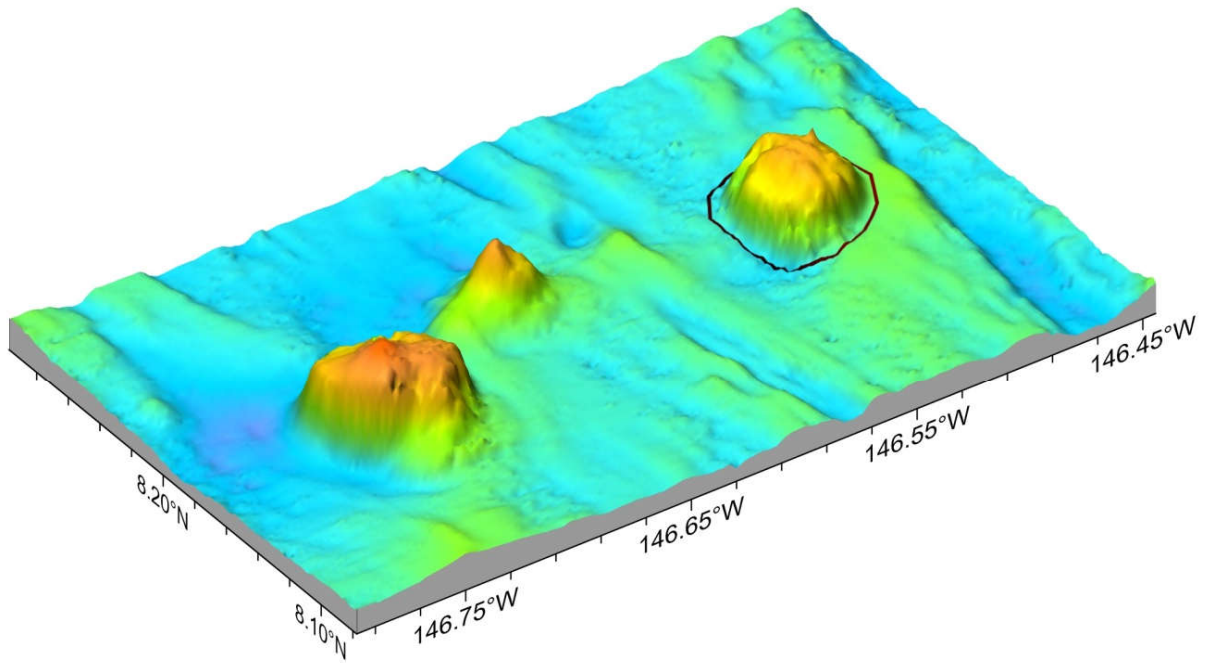


Fig 4.3-Dtopography map of Suzhe Knoll

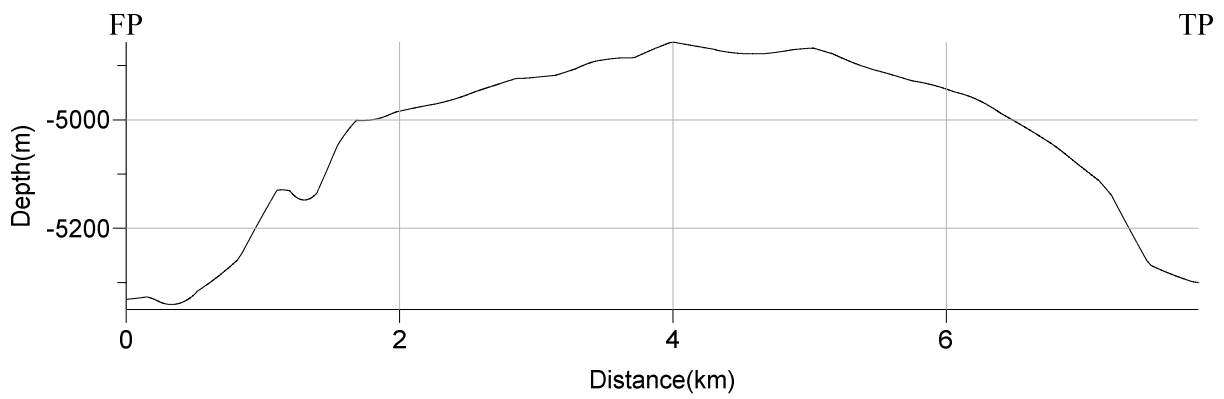
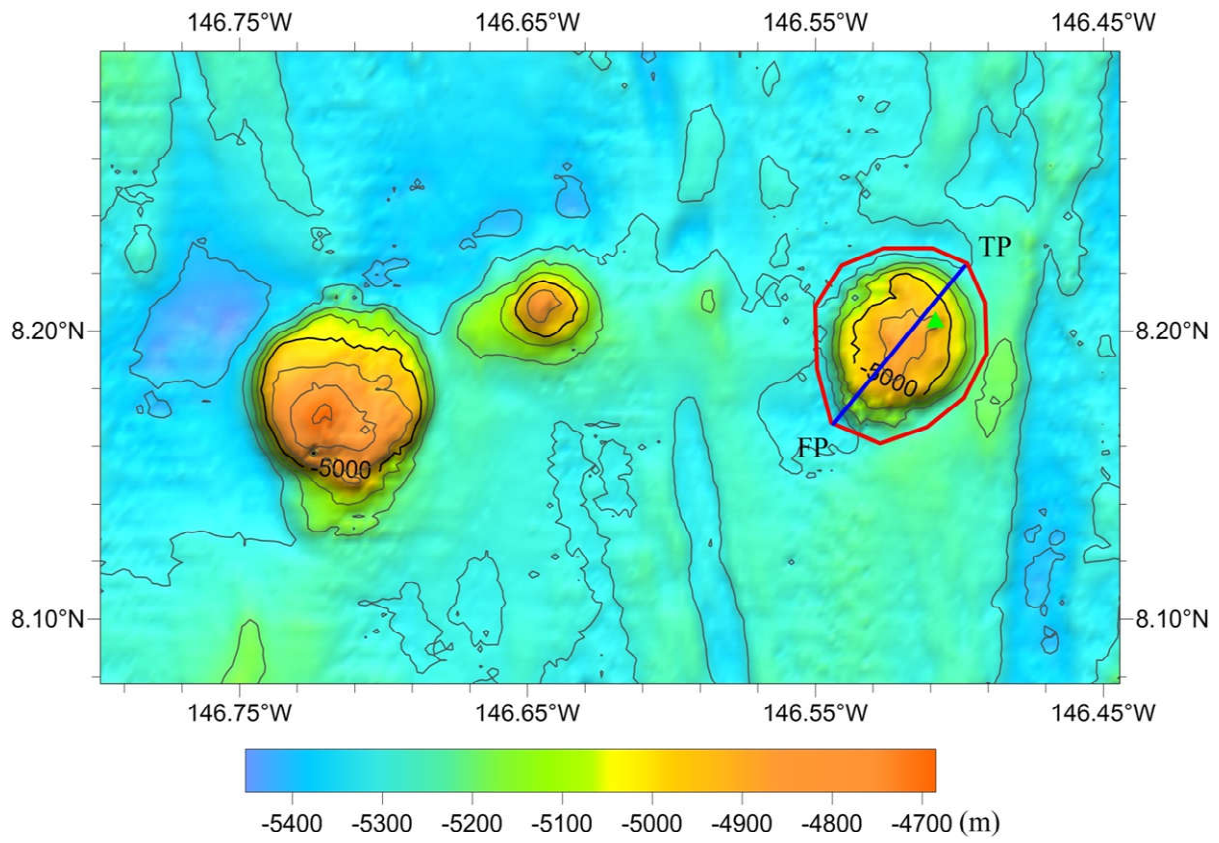


Fig.5 Bathymetric map and profile of SuzheKnoll