

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

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

<b>Name Proposed:</b>	Shennong Seamount	<b>Ocean or Sea:</b>	West 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>	16°47.4'N(Top)	139°31.8'E(Top)
	16°35.5'N(Bottom)	139°46.6'E(Bottom)
	16°35.6'N	139°45.0'E
	16°36.1'N	139°42.6'E
	16°37.2'N	139°40.4'E
	16°37.9'N	139°36.8'E
	16°39.9'N	139°34.8'E
	16°42.4'N	139°31.7'E
	16°44.5'N	139°27.7'E
	16°46.4'N	139°24.9'E
	16°49.6'N	139°23.9'E
	16°51.3'N	139°25.1'E
	16°52.1'N	139°27.1'E
	16°51.4'N	139°31.8'E
	16°49.8'N	139°35.0'E
	16°48.6'N	139°37.4'E
	16°46.3'N	139°40.0'E
16°44.3'N	139°42.5'E	
16°40.7'N	139°45.9'E	
16°38.3'N	139°47.0'E	
16°36.7'N	139°47.3'E	
16°35.5'N	139°46.6'E	

<b>Feature Description:</b>	<b>Maximum Depth:</b>	5000 m	<b>Steepness :</b>	
	<b>Minimum Depth :</b>	3500 m	<b>Shape :</b>	Irregular
	<b>Total Relief :</b>	1500 m	<b>Dimension/Size :</b>	50 km×16 km

<b>Associated Features:</b>	Shennong Seamount is located to the east of Philippine Basin, west to the Mariana Trench, and on the south end of the trunking area of fracture zone.
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<b>Chart/Map References:</b>	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.06
	Within Area of Map/Chart:	

<b>Reason for Choice of Name (if a</b>	Shennong, a sage king in Chinese ancient legend, had tried hundreds of
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person, state how associated with the feature to be named):	herbs to teach people farming and medical skills.
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<b>Discovery Facts:</b>	Discovery Date:	2017.8
	Discoverer (Individual, Ship):	Chinese R/V <i>Xiangyanghong Liuhao</i>

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	2017.8
	Survey Ship:	Chinese R/V <i>Xiangyanghong Liuhao</i>
	Sounding Equipment:	Kongsberg Company EM122
	Type of Navigation:	Hypack2015 Image guide navigation system
	Estimated Horizontal Accuracy (nm):	25m
	Survey Track Spacing:	5km
	Supporting material can be submitted as Annex in analog or digital form. See Annex	

<b>Proposer(s):</b>	Name(s):	China Ocean Mineral Resources Research and Development Association (COMRA)
	Date:	2018.4.8
	E-mail:	comra@comra.org
	Organization and Address:	No.1 Fuxingmenwai Street, Xicheng District, Beijing
	Concurren (name, e-mail, organization and address):	

<b>Remarks:</b>	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 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 <u>Principality of MONACO</u> 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 <u>France</u> Fax: +33 1 45 68 58 12 E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a>
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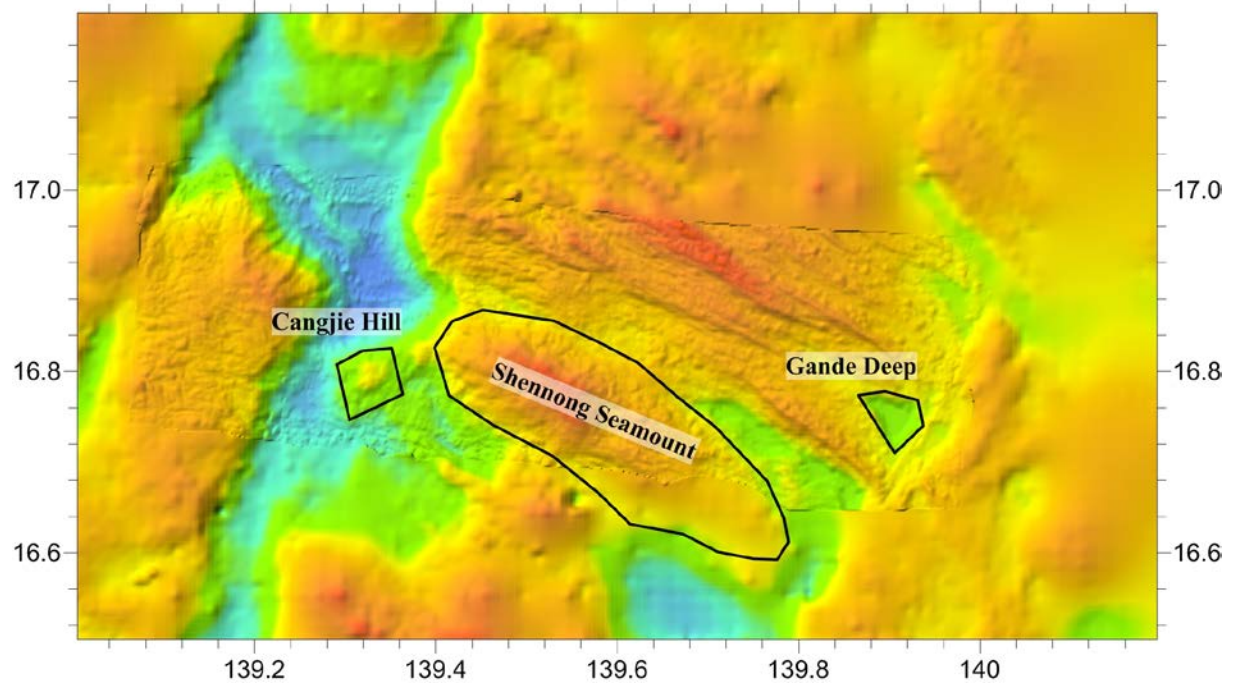
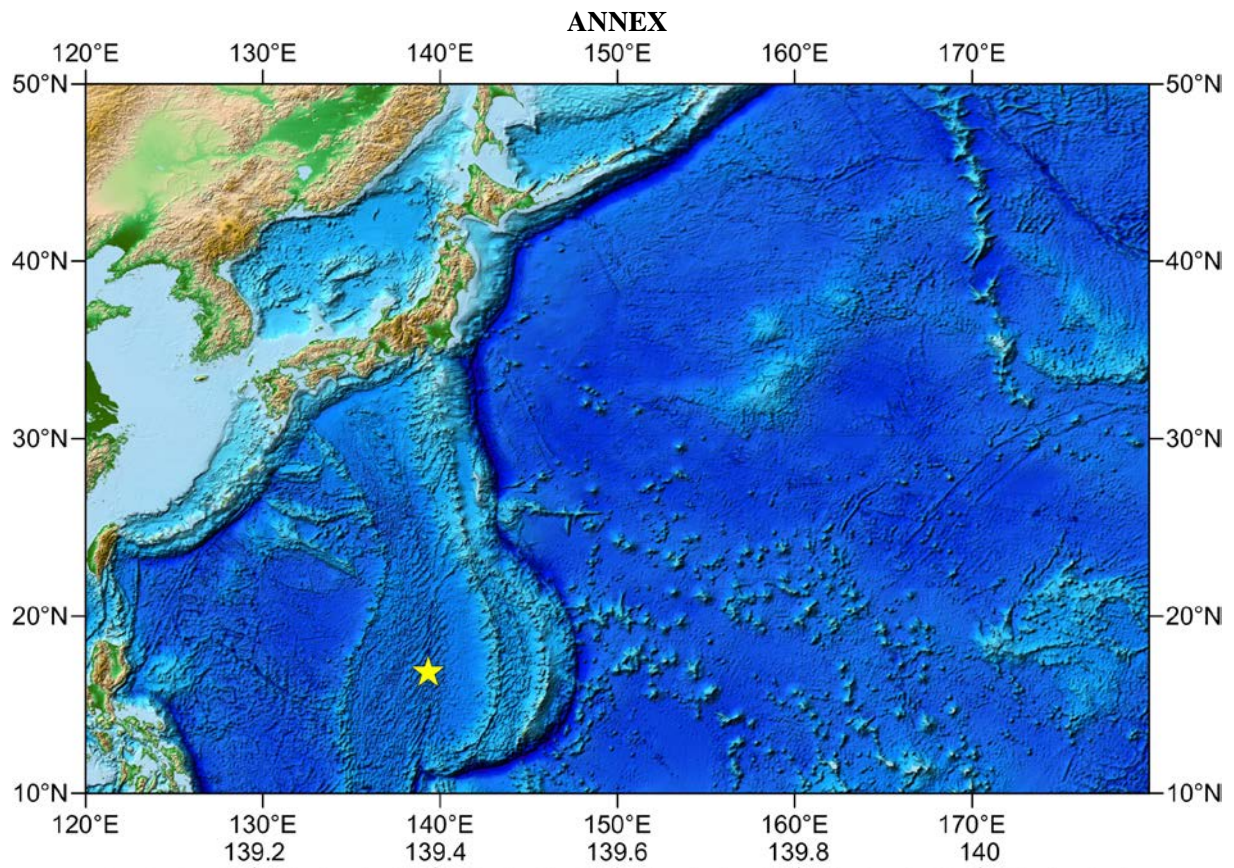


Fig. 1 Location of the Shennong Seamount



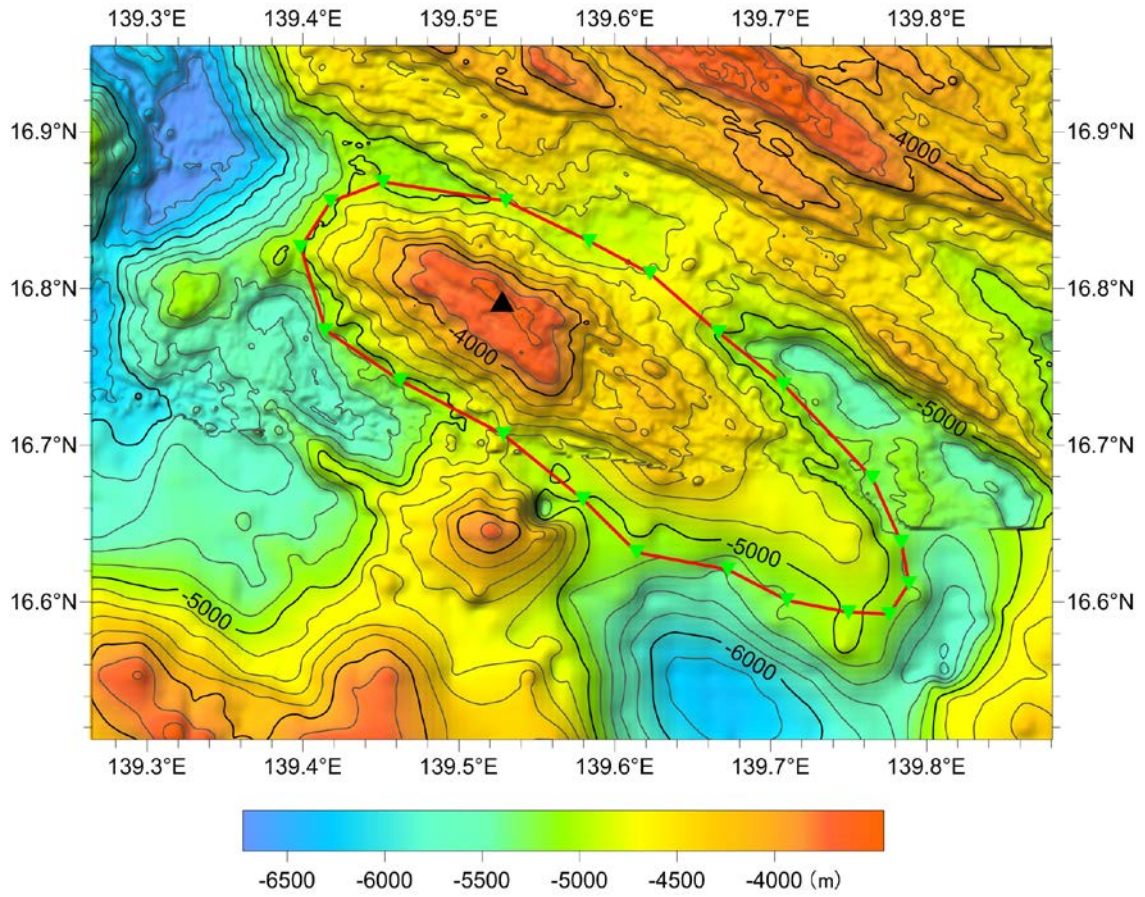


Fig. 2 Bathymetric map of the Shennong Seamount (the contour interval is 200 m)

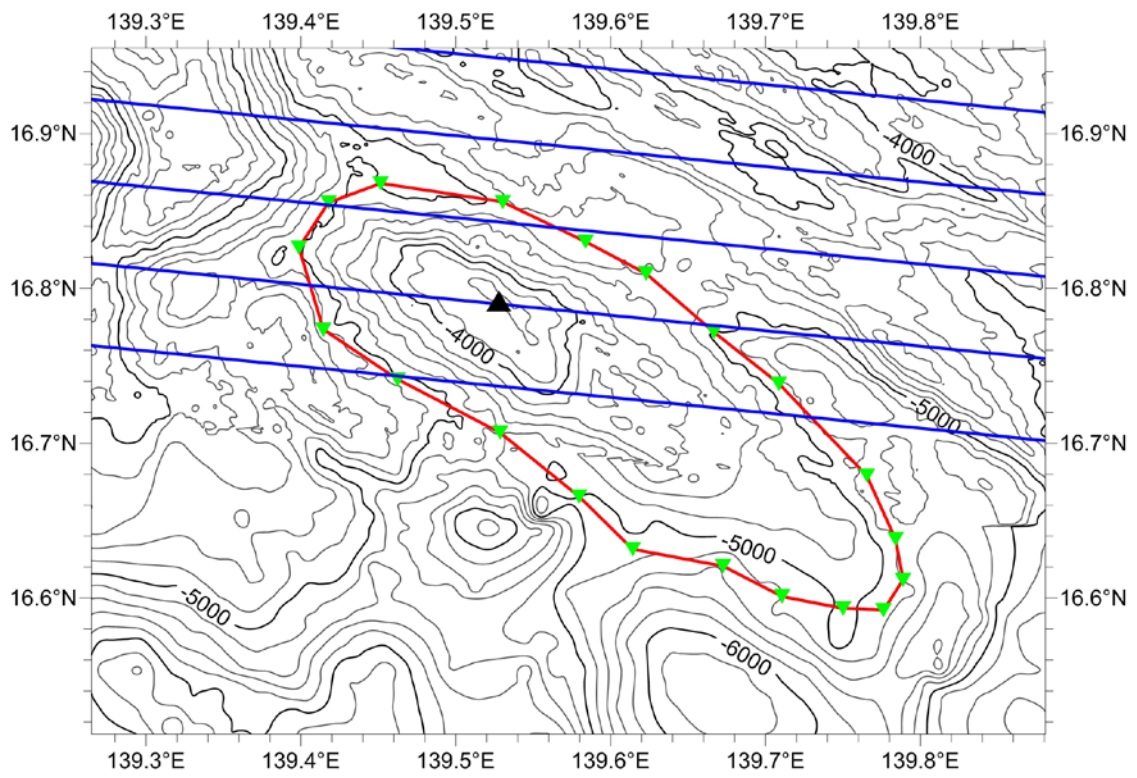


Fig. 3 Bathymetric and survey line map of the Shennong Seamount (the contour interval is 200 m, blue ones are survey lines)

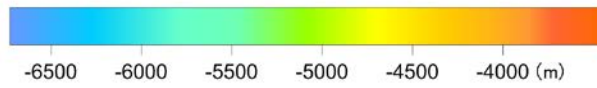
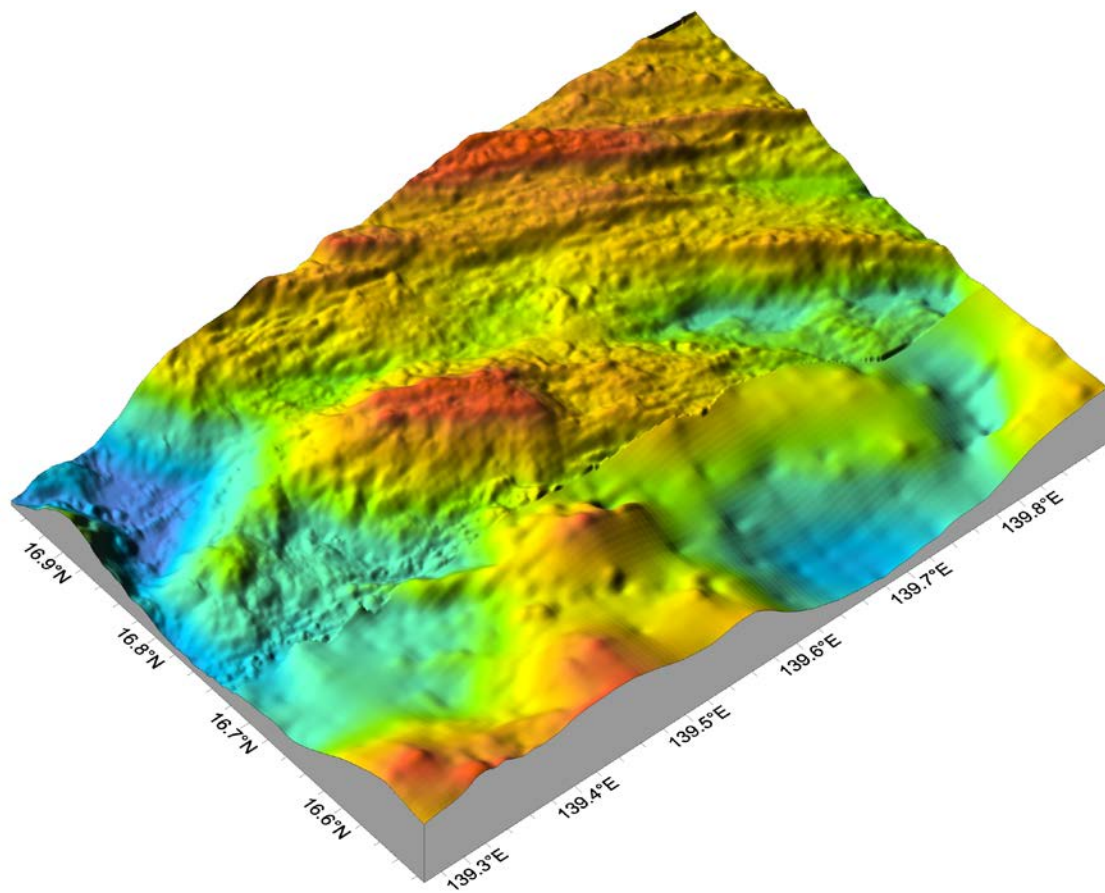


Fig. 4 3-D topography map of the Shennong Seamount



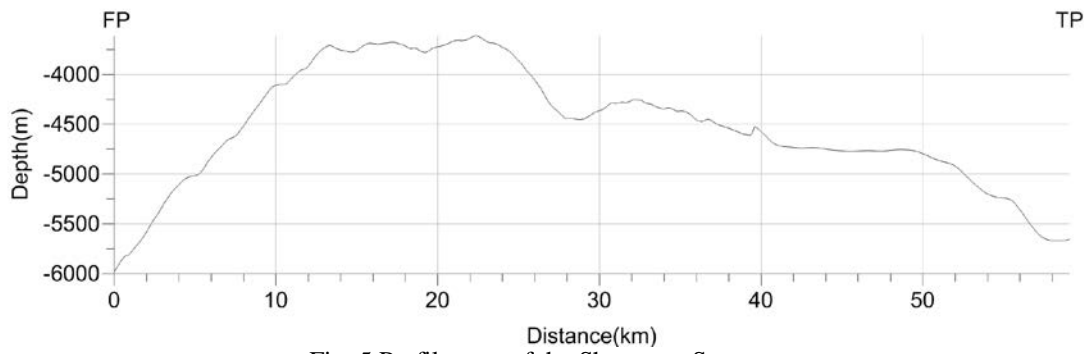
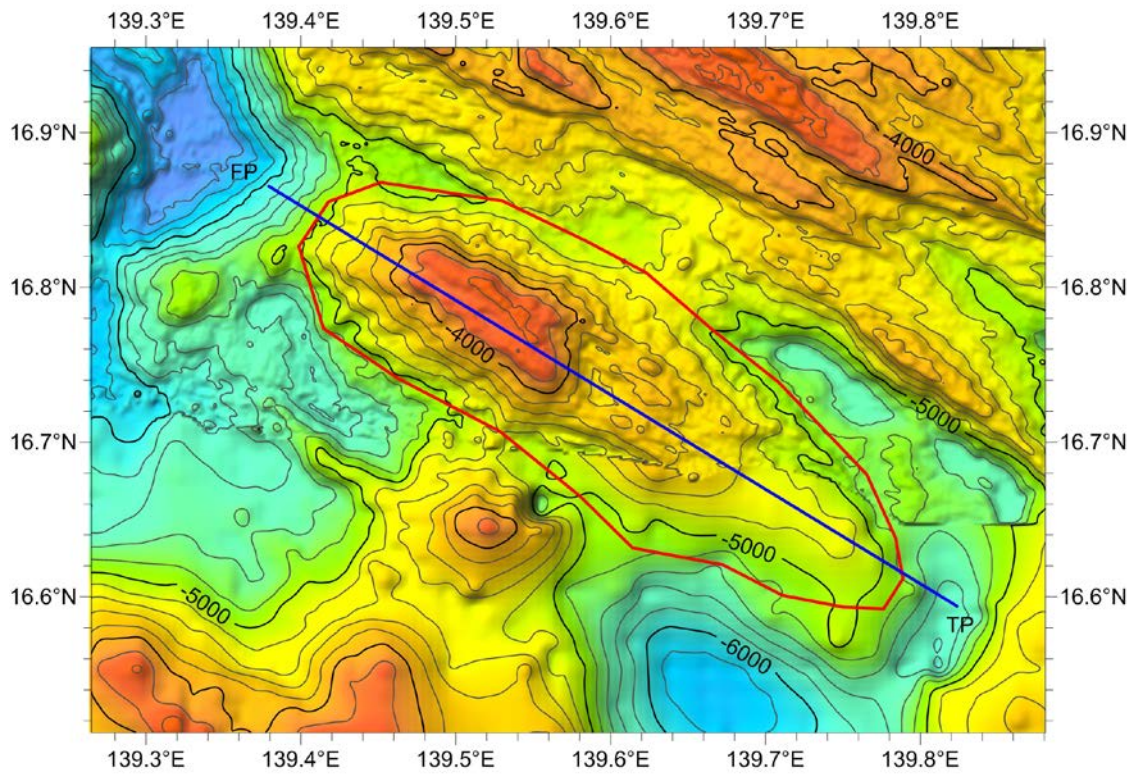


Fig. 5 Profile map of the Shennong Seamount