

UNDERSEA FEATURE NAME PROPOSAL
(Sea NOTE overleaf)

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

Name Proposed:	Gande Deep	Ocean or Sea:	West Pacific 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.

	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
Coordinates:	16°44.9'N(Bottom)	139°54.6'E(Bottom)
	16°46.7'N(Top)	139°53.7'E(Top)
	16°46.4'N	139°52.0'E
	16°42.6'N	139°54.4'E
	16°44.4'N	139°56.3'E
	16°46.1'N	139°55.9'E
	16°46.7'N	139°53.7'E

Feature Description:	Maximum Depth:	5500 m	Steepness :	
	Minimum Depth :	5000 m	Shape :	Irregular
	Total Relief :	500 m	Dimension/Size :	6 km×4 km

Associated Features:	Gande Deep 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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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.06
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Gande, lives in Eastern Zhou Dynasty, who is an astronomer, is one of the authors of "Gan Shi Xing Jing", the earliest astronomy book in China.
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Discovery Facts:	Discovery Date:	2017.8
	Discoverer (Individual, Ship):	Chinese R/V <i>Xiangyanghong Lihao</i>

Supporting Survey Data, including Track Controls:	Date of Survey:	2017.8
	Survey Ship:	Chinese R/V <i>Xiangyanghong Lihao</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	

Proposer(s):	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
	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 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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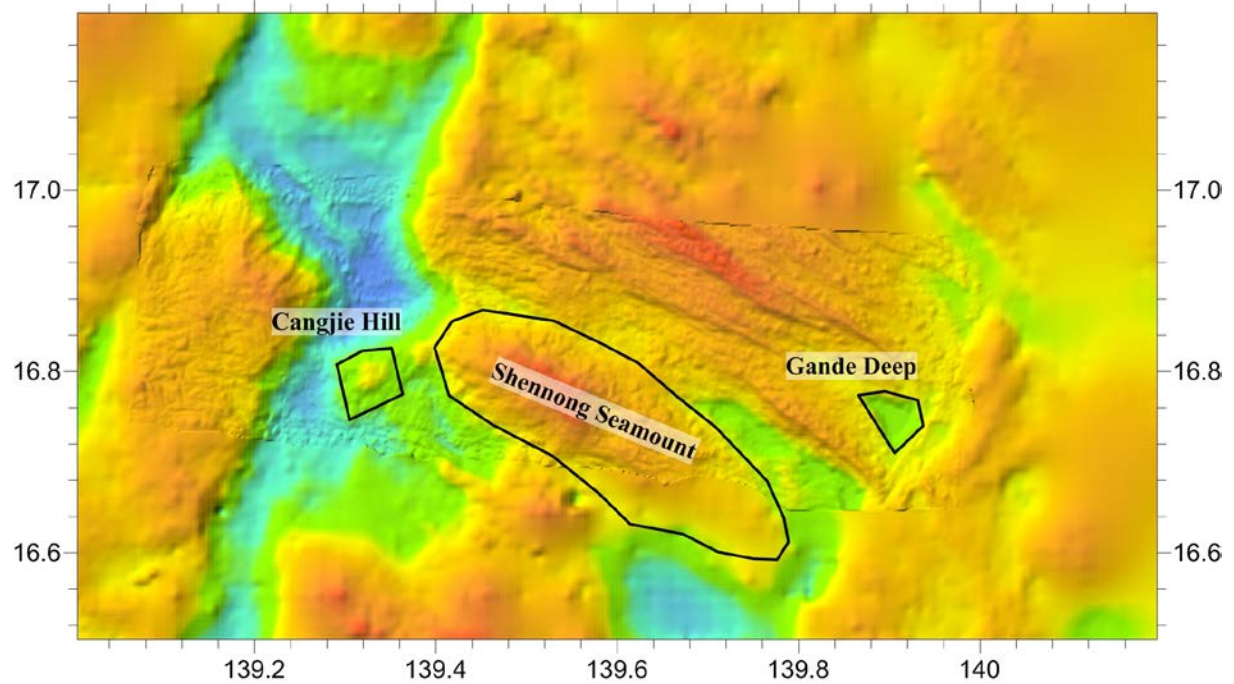
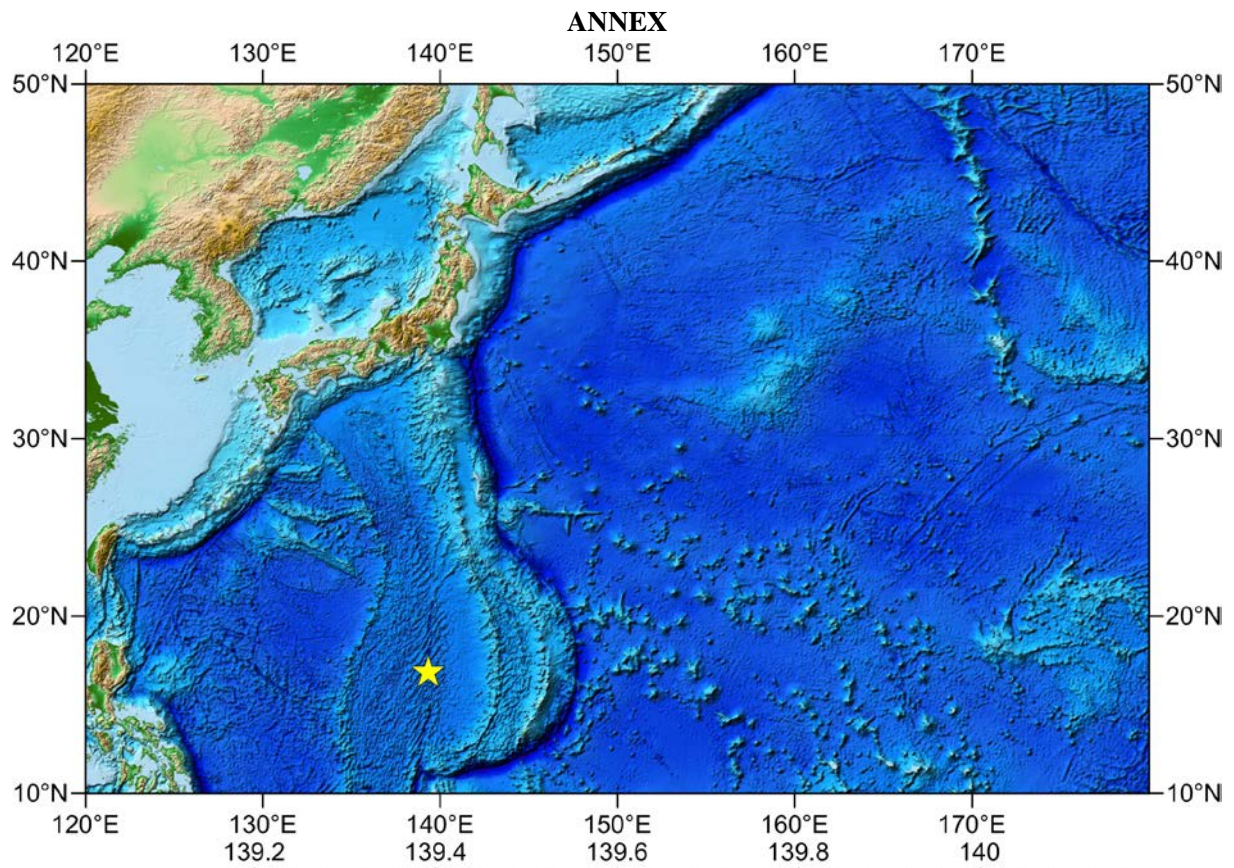


Fig. 1 Location of the Gande Deep

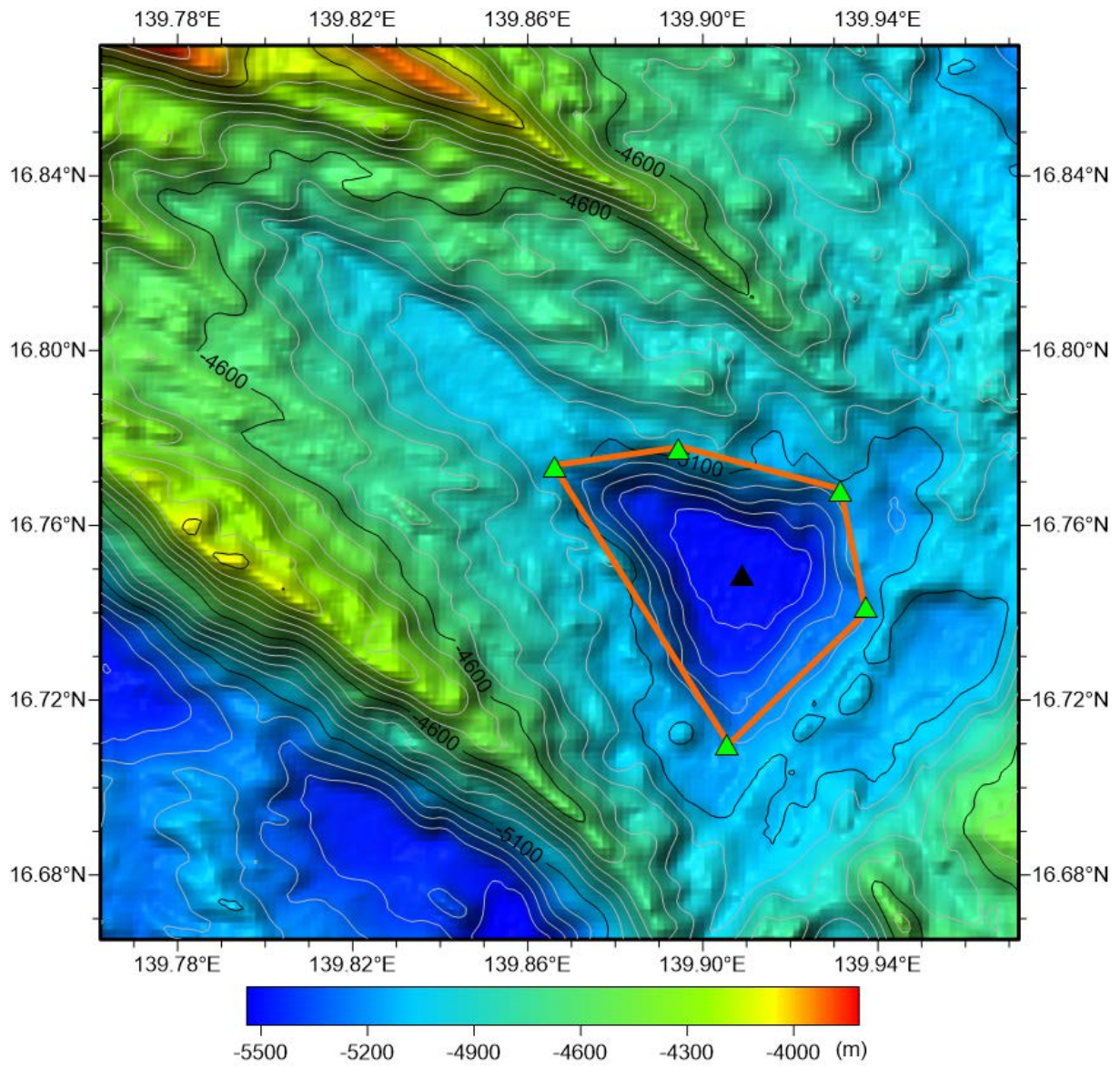


Fig. 2 Bathymetric map of the Gande Deep (the contour interval is 100 m)

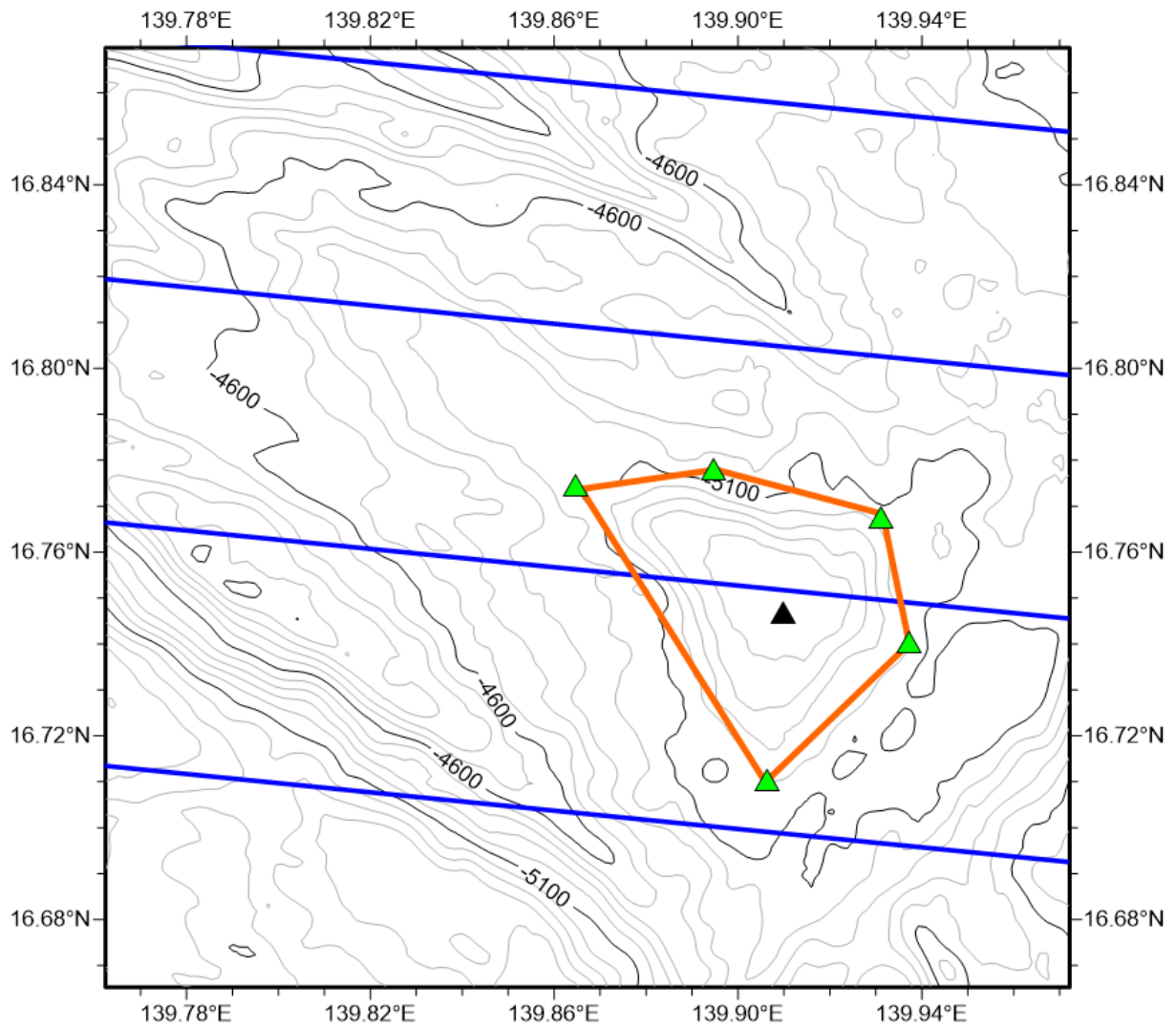
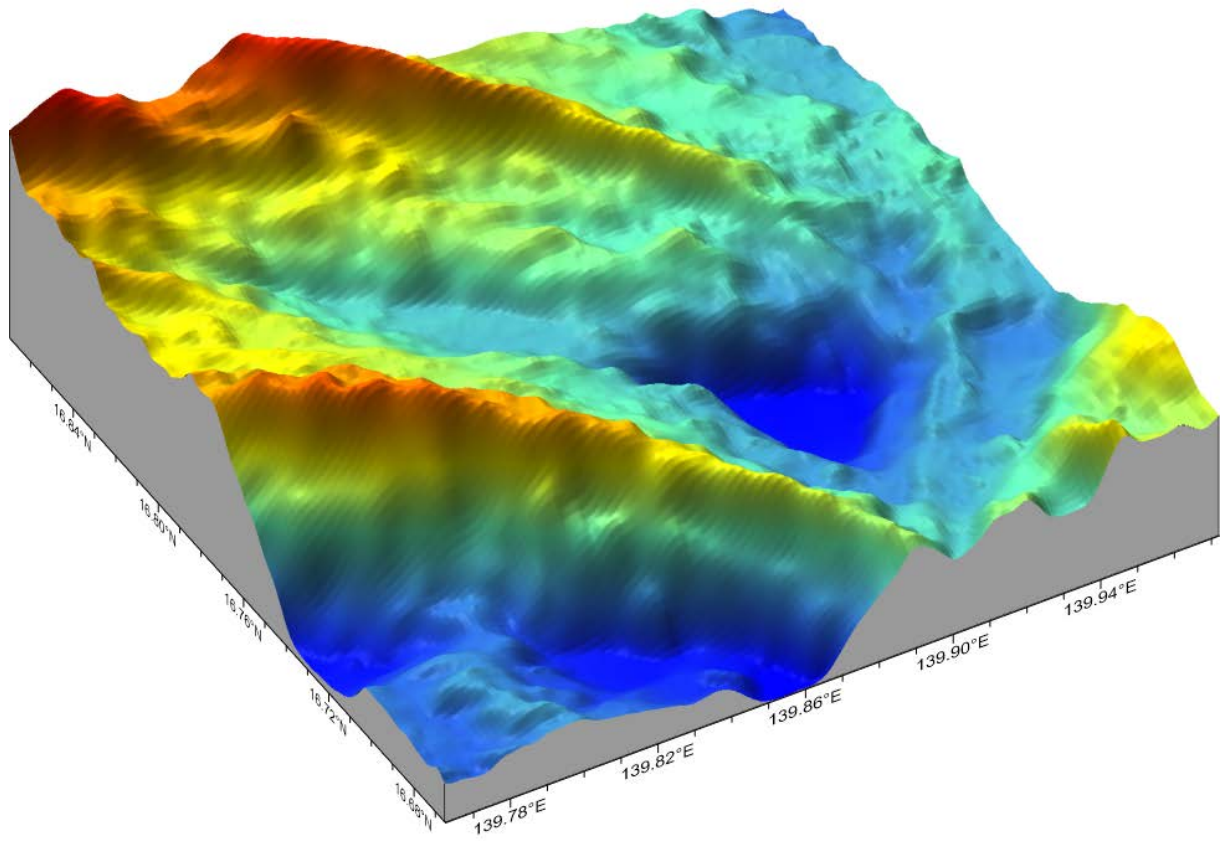


Fig. 3 Bathymetric and survey line map of the Gande Deep (the contour interval is 100 m, blue ones are survey lines)



-5500 -5250 -5000 -4750 -4500 -4250 -4000 (m)
Fig. 4 3-D topography map of the Gande Deep

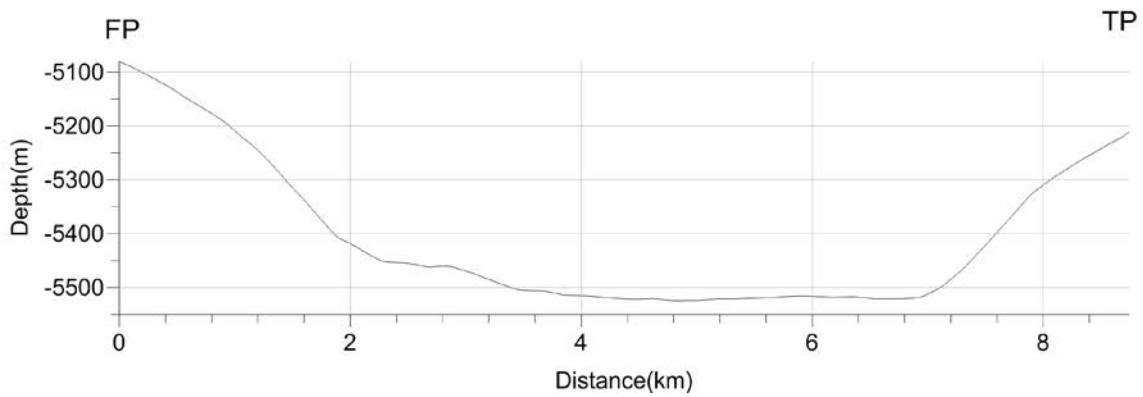
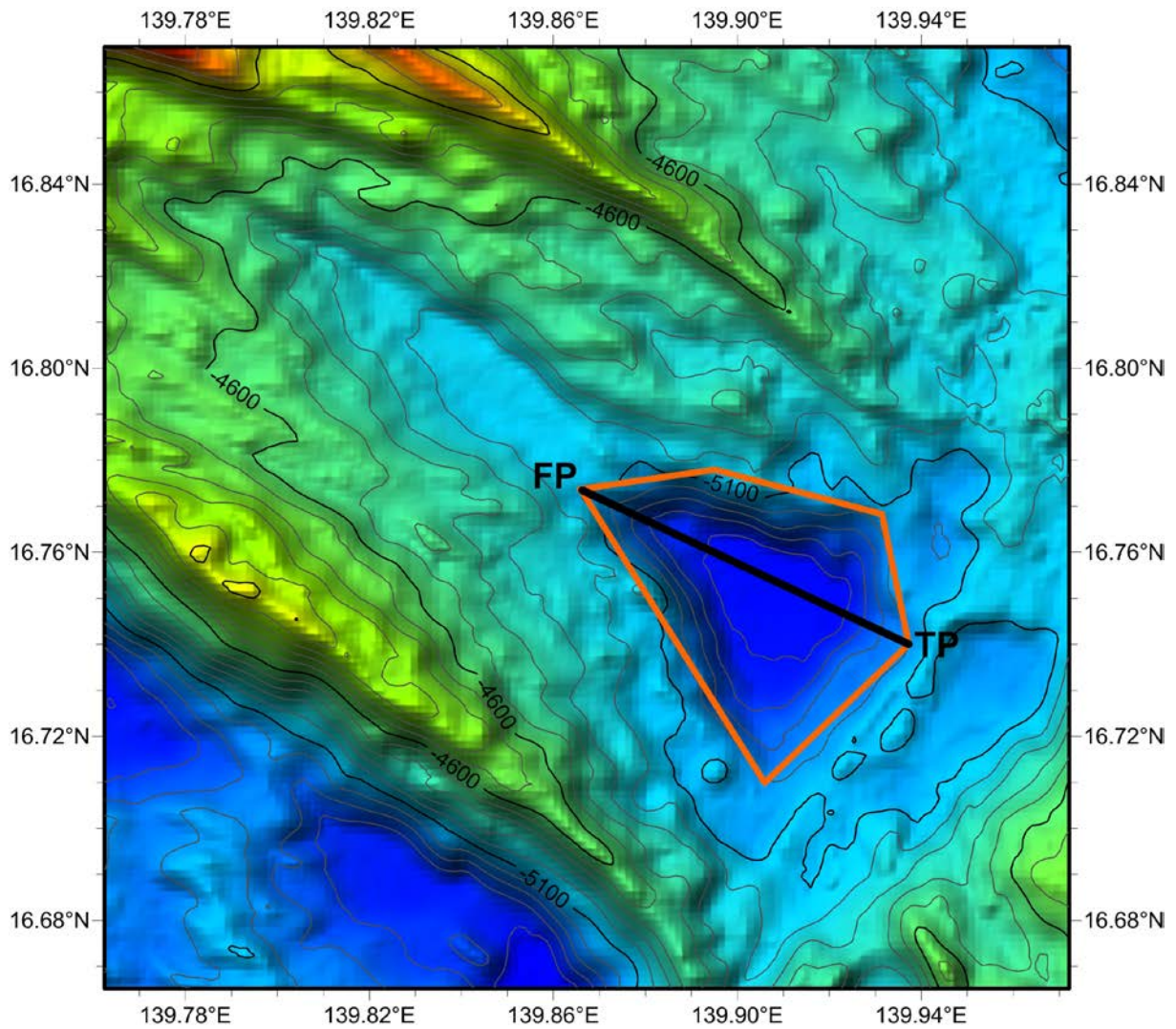


Fig. 5 Profile map of the Gande Deep