

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:	Lierlang Ridge	Ocean or Sea:	South Atlantic 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:	61°03.8'S (summit)	56°43.3'W(summit)
	61°01.9'S(bottom)	56°47.1'W(bottom)
	61°00.4'S	56°49.2'W
	60°59.4'S	56°49.8'W
	60°59.0'S	56°48.3'W
	60°59.3'S	56°46.5'W
	61°00.5'S	56°44.5'W
	61°02.5'S	56°42.3'W
	61°03.9'S	56°40.9'W
	61°05.6'S	56°39.5'W
	61°06.6'S	56°38.9'W
	61°07.5'S	56°39.7'W
	61°07.7'S	56°40.9'W
	61°07.3'S	56°41.8'W
	61°06.5'S	56°43.1'W
	61°05.3'S	56°44.3'W
	61°03.3'S	56°45.1'W
61°02.5'S	56°45.7'W	
	61°01.9'S(bottom)	56°47.1'W(bottom)

Feature Description:	Maximum Depth:	2851m	Steepness :	
	Minimum Depth :	1878m	Shape :	
	Total Relief :	703m	Dimension/Size :	17.6km × 3.9km

Associated Features:	Lierlang Ridge is located on the northern island slope of the King George Island, to the east of Libing Valley and to the south of the South Shetland Trench. The terrain of the ridge descends from south to north.
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.16
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Li Erlang was Li Bing's son. He presided over the Dujiangyan Irrigation engineering project with his father and was deeply loved by people. This ridge is named after Lierlang to commemorate his contribution on the water engineering.
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Discovery Facts:	Discovery Date:	Jan, 2017
	Discoverer (Individual, Ship):	R/V Hai Yang No.06
Supporting Survey Data, including Track Controls:	Date of Survey:	Jan, 2017
	Survey Ship:	R/V Hai Yang No.06
	Sounding Equipment:	Multi-beam sounding system (EM122)
	Type of Navigation:	DGPS
	Estimated Horizontal Accuracy, in nautical miles (M):	<=0.08 nm
	Survey Track Spacing:	3.6nm
Supporting material can be submitted as Annex in analog or digital form.		
Proposer(s):	Name(s):	Zhu Benduo, Liu Liqiang
	Date:	Jun. 10, 2018
	E-mail:	Zhubenduo@163.com
	Organization and Address:	Guangzhou Marine Geological Survey, China Geological Survey. No.188 Guanghai Rd., Huangpu District, Guangzhou, China.
	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	

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

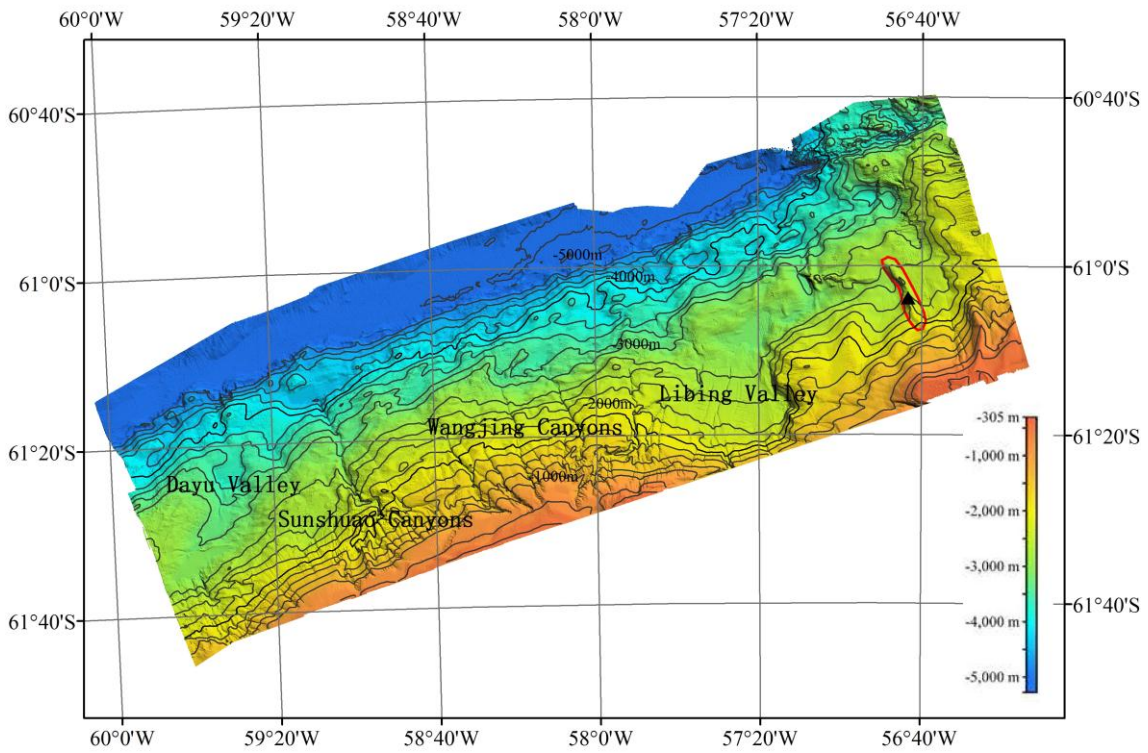
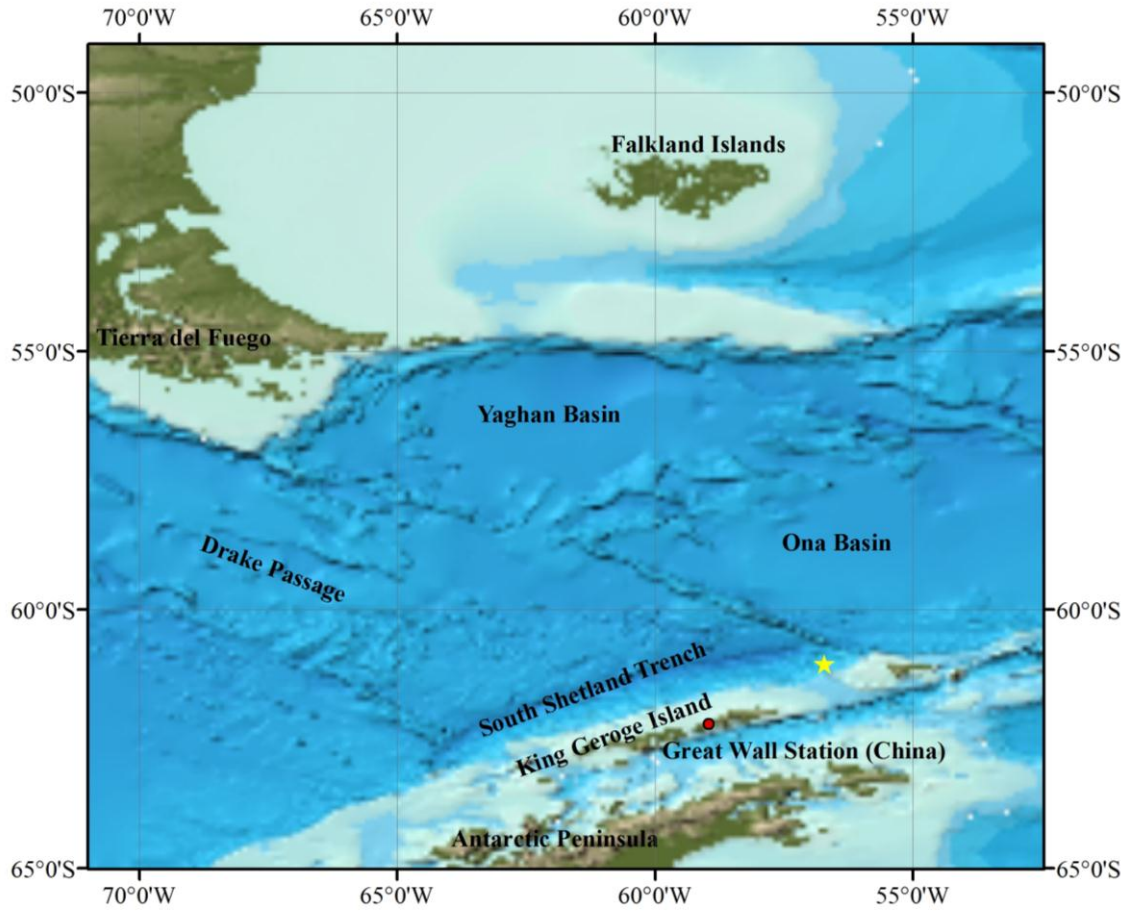


Fig.1 Index map showing the location of Lierlang Ridge

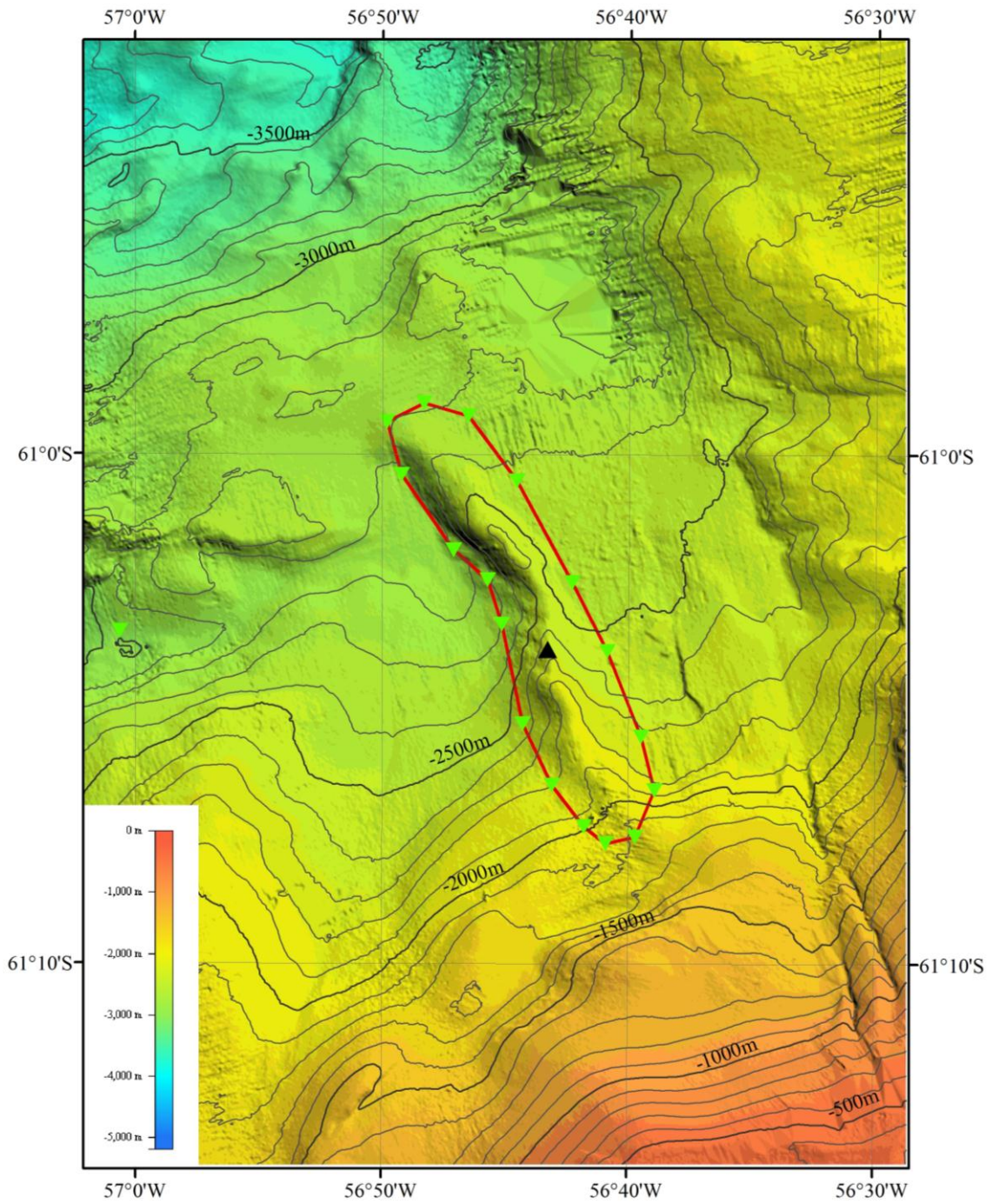


Fig.2 Bathymetric map of Lierlang Ridge (Contours are in 100m)

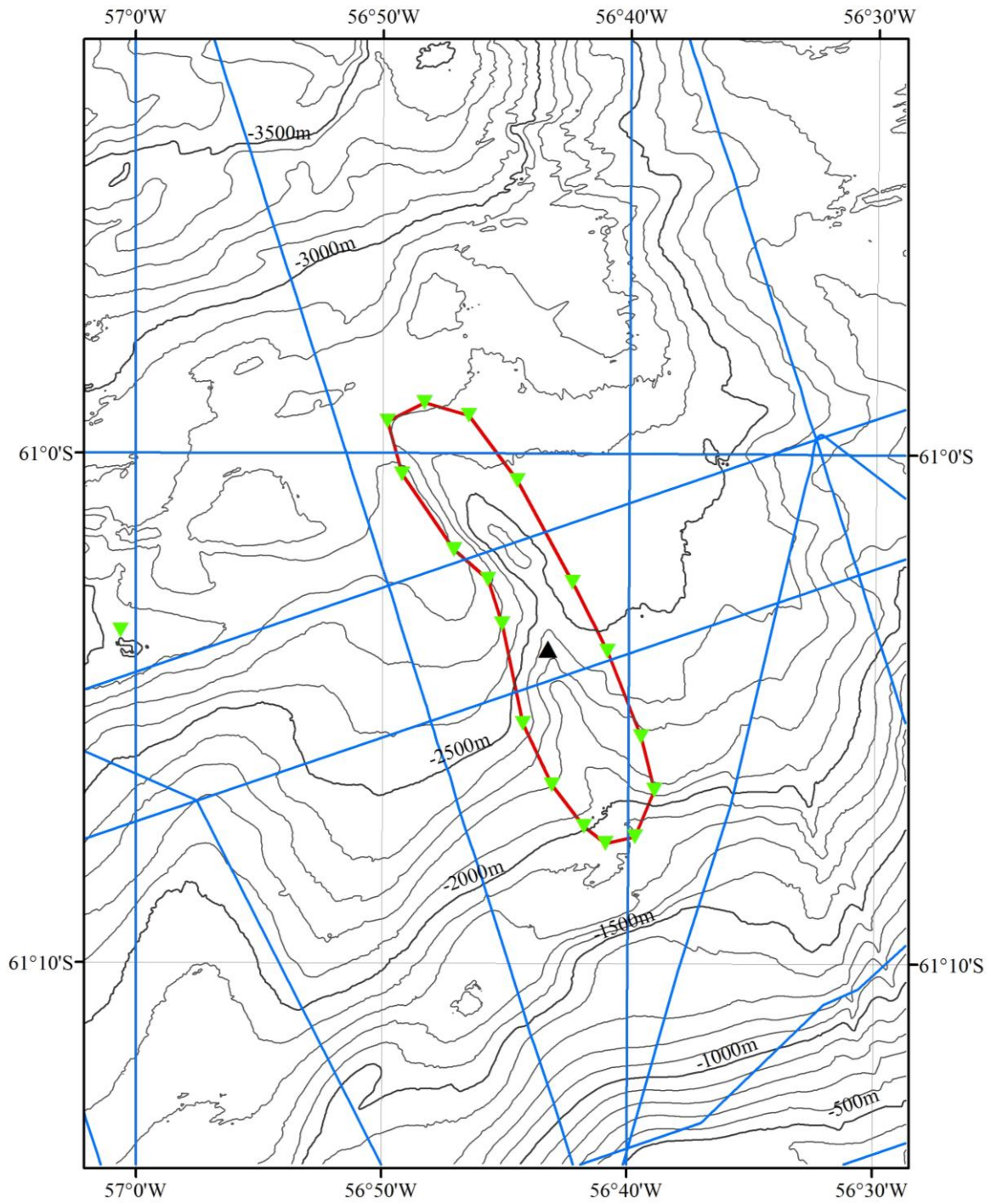


Fig.3 Bathymetric map of Lierlang Ridge overlain with track lines (Contours are in 100m, blue lines for the track lines)

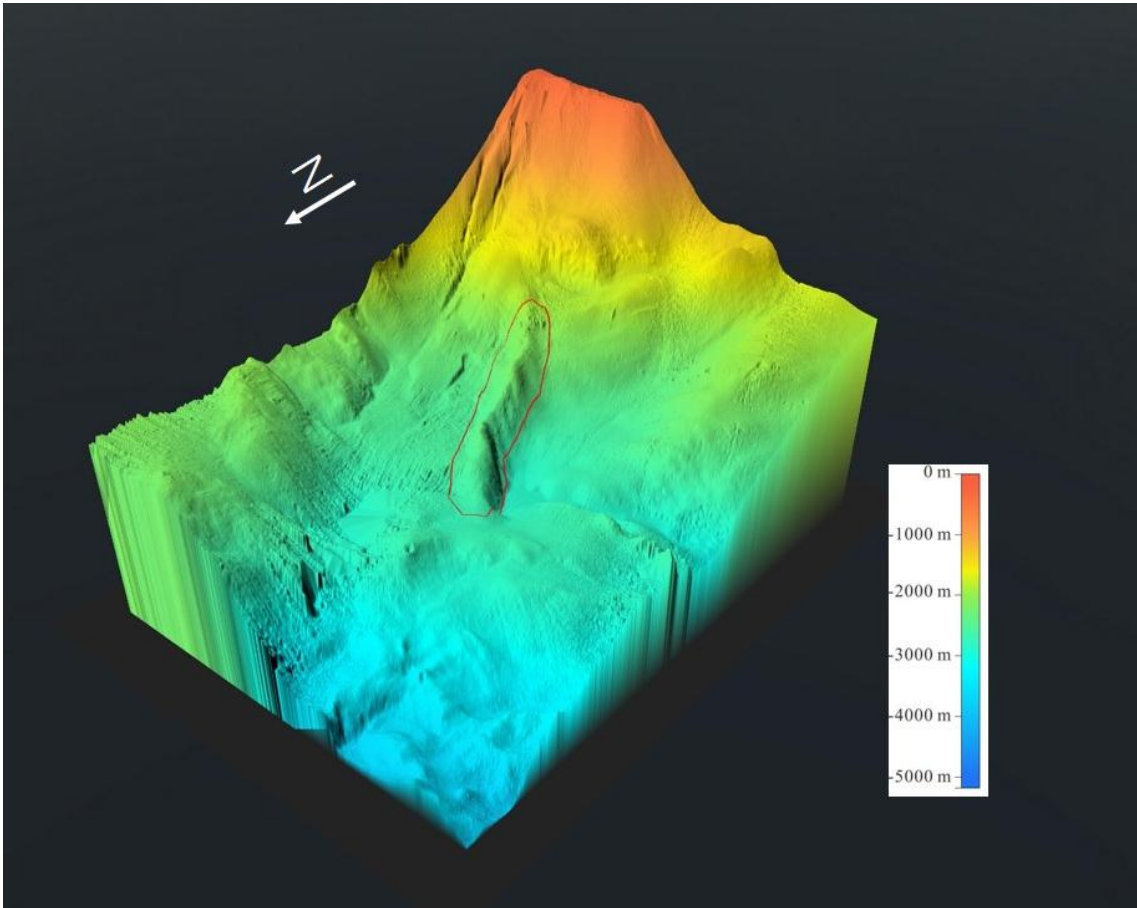


Fig.4 3-D bathymetric map of Lierlang Ridge

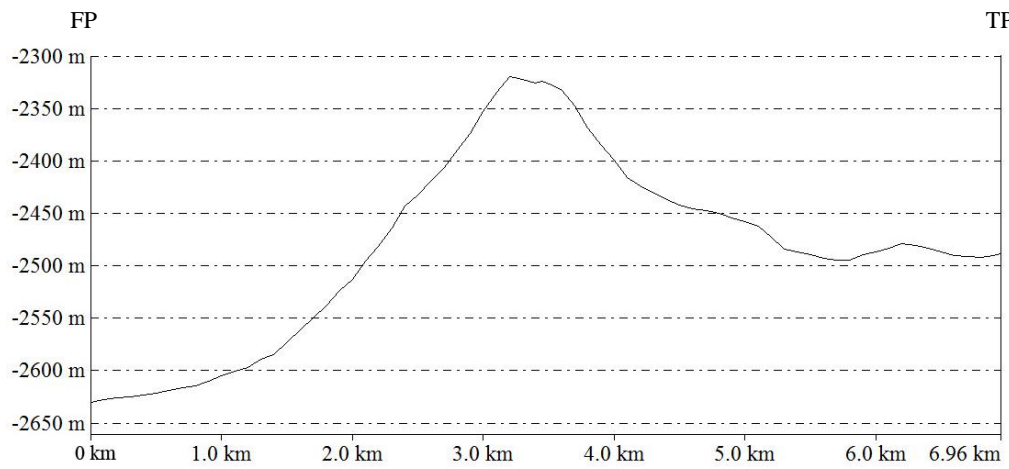
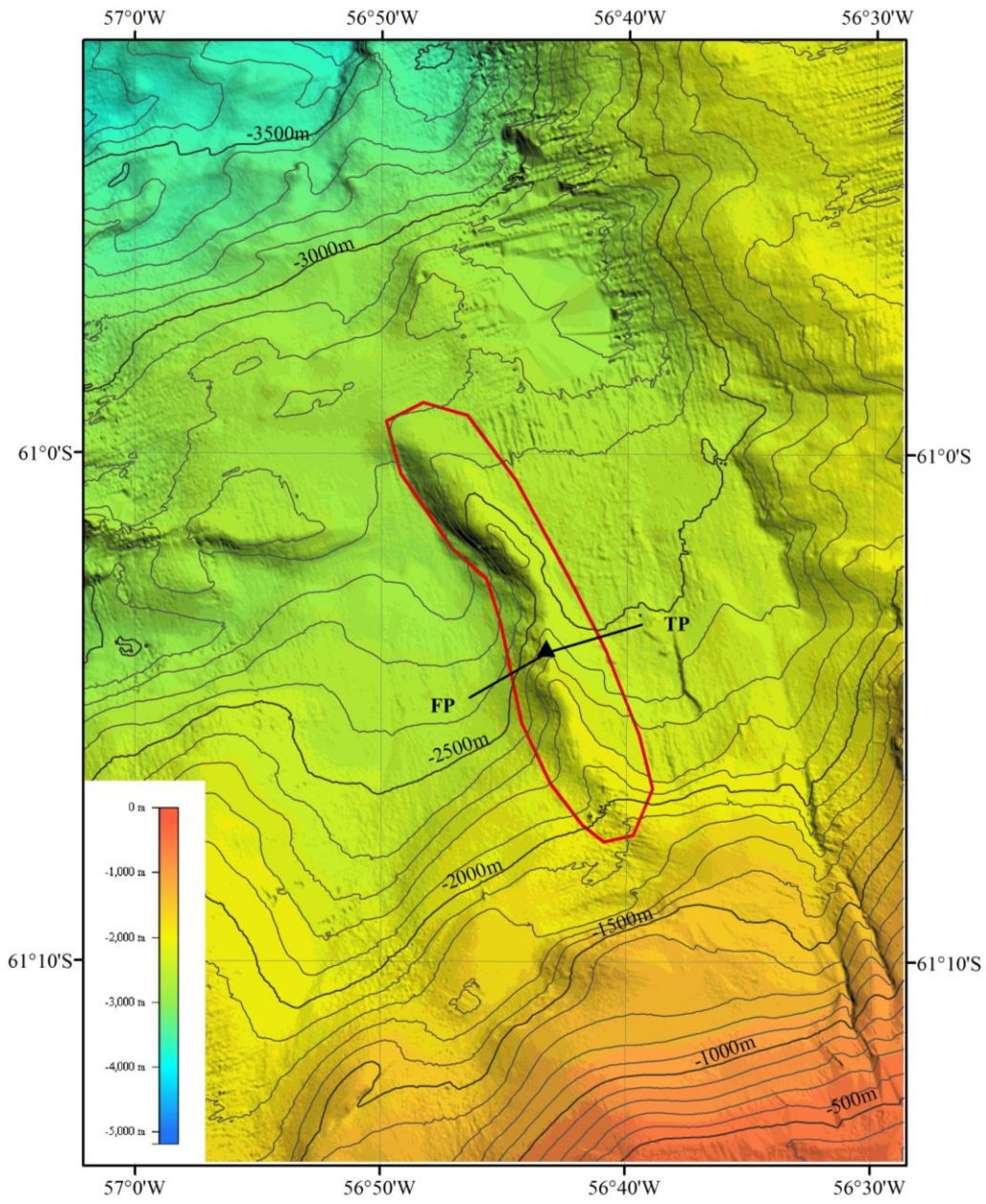


Fig.5 Profile map of Lierlang Ridge