

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:	Libing Valley	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°12.1'S (summit)	57°22.9'W (summit)
	61°07.8'S (bottom)	57°34.3'W (bottom)
	61°06.1'S	57°28.4'W
	61°05.3'S	57°23.6'W
	61°03.7'S	57°19.9'W
	61°02.9'S	57°14.7'W
	61°00.5'S	57°10.6'W
	61°00.8'S	57°05.7'W
	61°01.6'S	57°02.6'W
	61°03.5'S	57°00.6'W
	61°05.1'S	57°02.5'W
	61°09.3'S	57°11.2'W
	61°11.2'S	57°13.5'W
	61°16.6'S	57°10.8'W
	61°18.2'S	57°09.8'W
	61°19.7'S	57°11.1'W
	61°20.6'S	57°11.8'W
	61°22.2'S	57°18.1'W
	61°23.3'S	57°26.3'W
	61°23.7'S	57°29.8'W
61°22.7'S	57°40.8'W	
61°18.5'S	57°42.2'W	
61°15.2'S	57°32.5'W	
61°11.9'S	57°31.9'W	
61°10.5'S	57°32.7'W	
61°07.8'S(bottom)	57°34.3'W(bottom)	

Feature Description:	Maximum Depth:	3314m	Steepness :	
	Minimum Depth :	1448m	Shape :	
	Total Relief :	1866m	Dimension/Size :	28.1km × 34.5km

Associated Features:	Libing Valley is located on the northern island slope of the King George Island, to the east of Wangjing canyons and to the south of the South Shetland Trench. The terrain of the valley 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 Bing (302 B.C.-235 B.C.) was a famous expert on water engineering in Warring States period. He presided over the Dujiangyan Irrigation engineering project with his son called Li Erlang. The Dujiangyan Irrigation system played a very important role for irrigation for more than two thousand years and guaranteed the development of local agriculture. This valley is named after Li Bing to commemorate his contribution on the water engineering.	
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	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS
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Principality of MONACO
Fax: +377 93 10 81 40
E-mail: info@iho.int
Web: www.iho.int

France
Fax: +33 1 45 68 58 12
E-mail: info@unesco.org
Web: <http://ioc-unesco.org/>

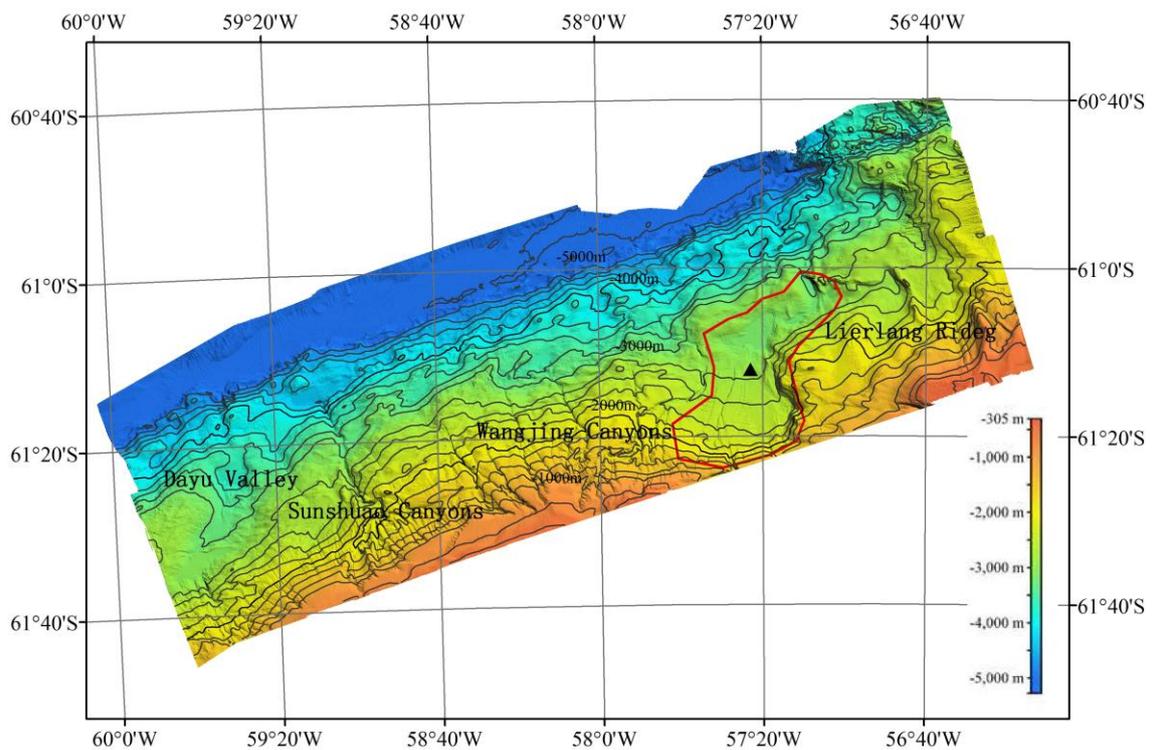
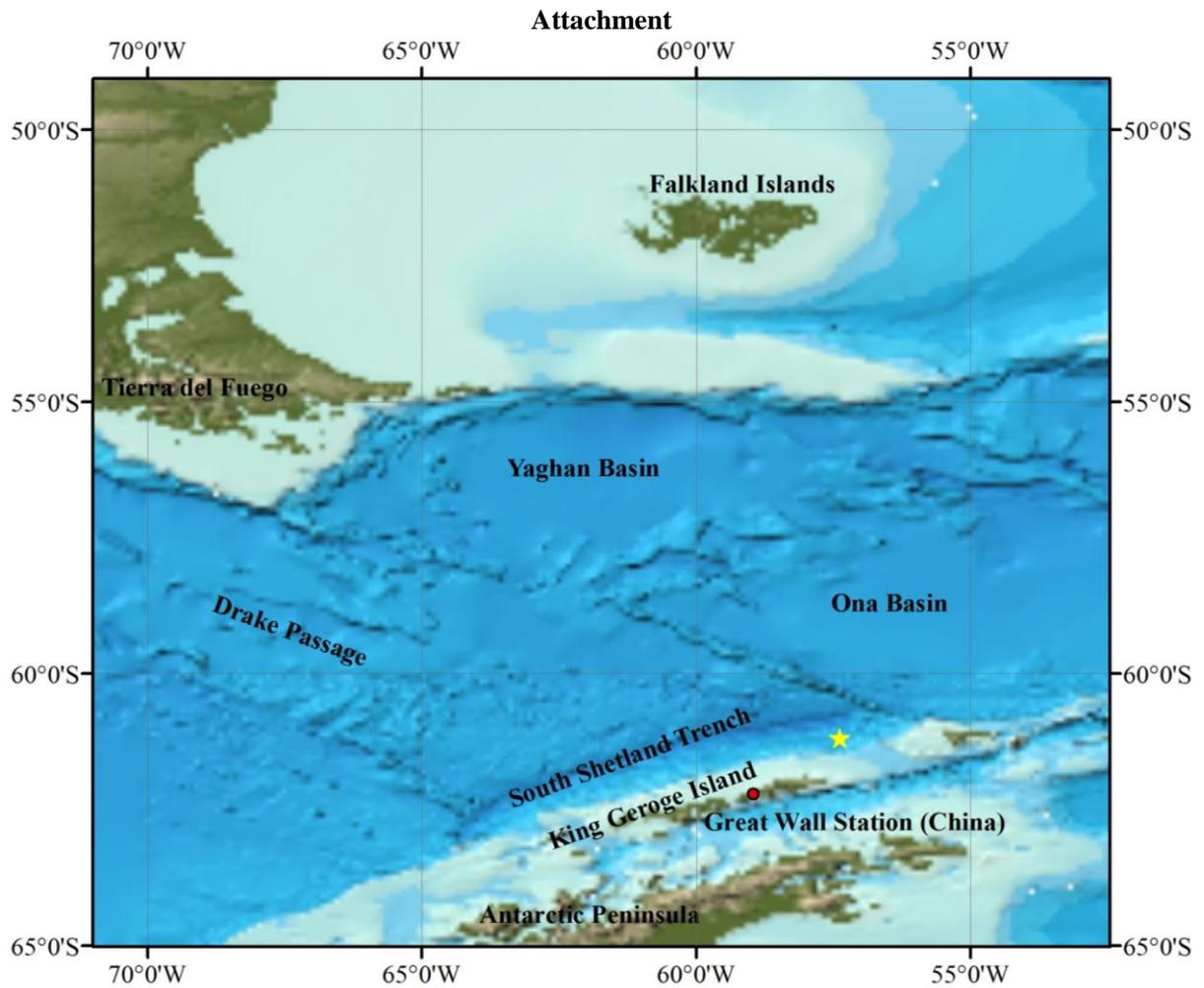


Fig.1 Index map showing the location of Libing Valley

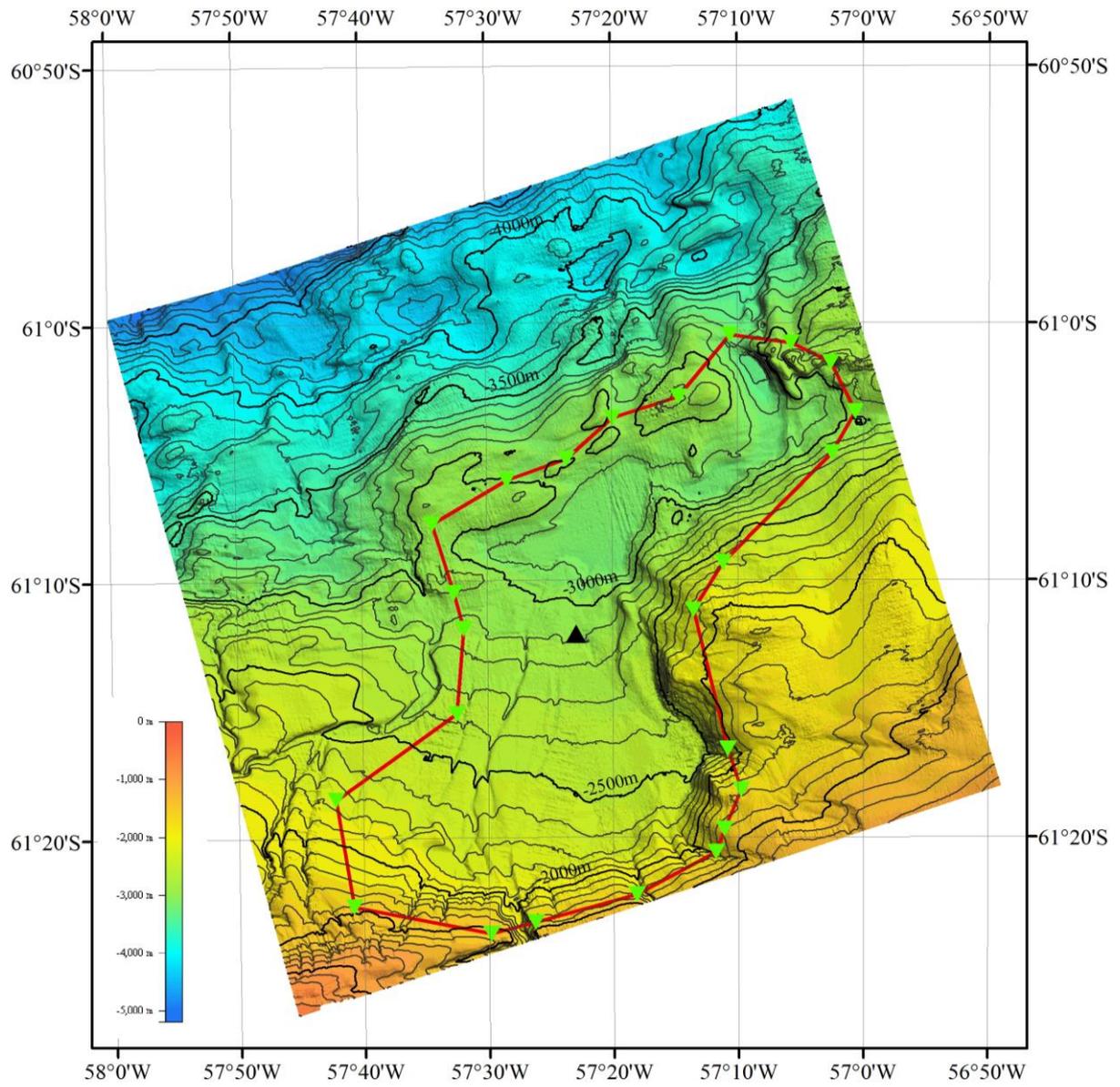


Fig.2 Bathymetric map of Libing Valley (Contours are in 100m)

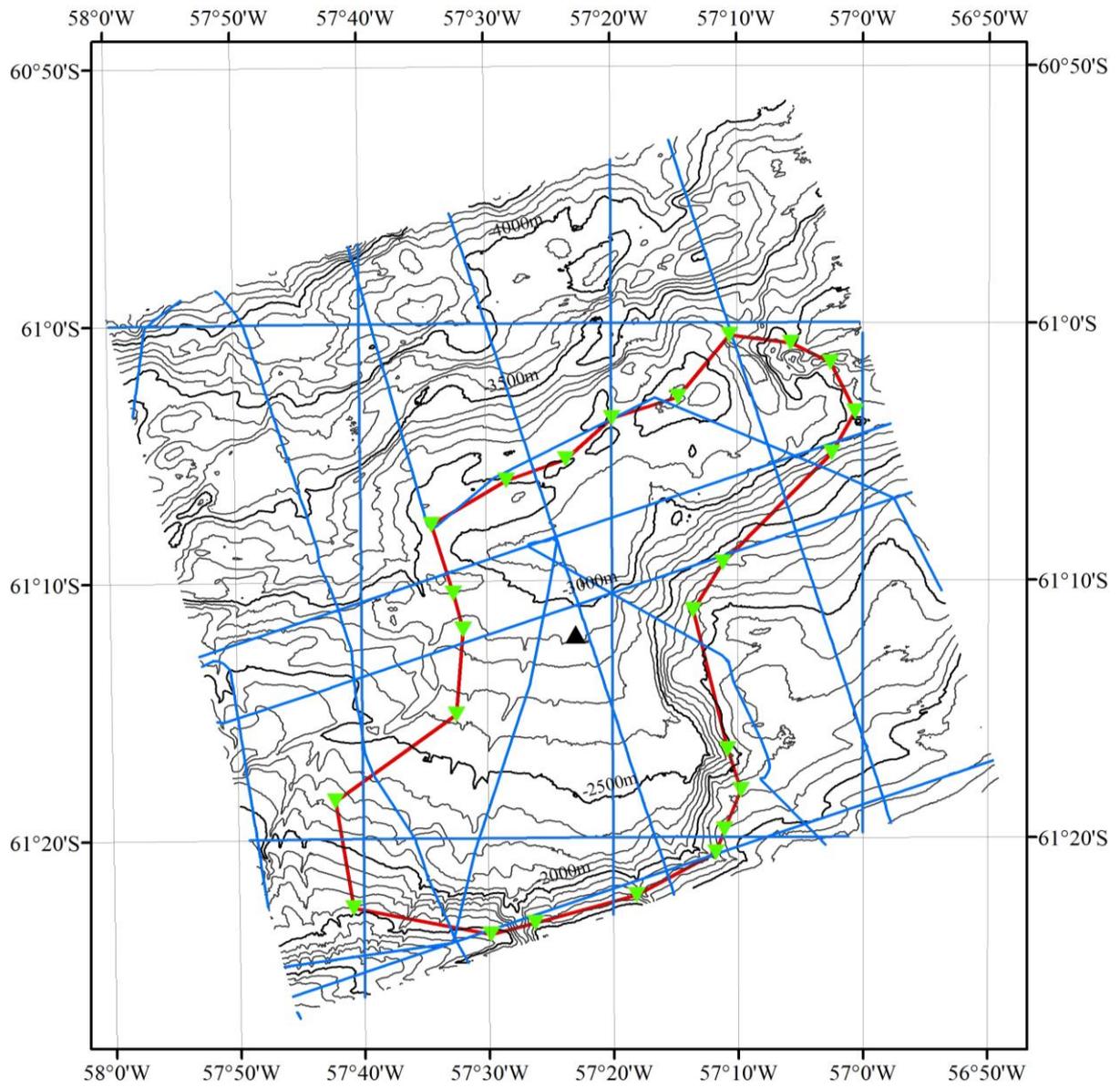


Fig.3 Bathymetric map of Libing Valley overlain with track lines (Contours are in 100m, blue lines for the track lines)

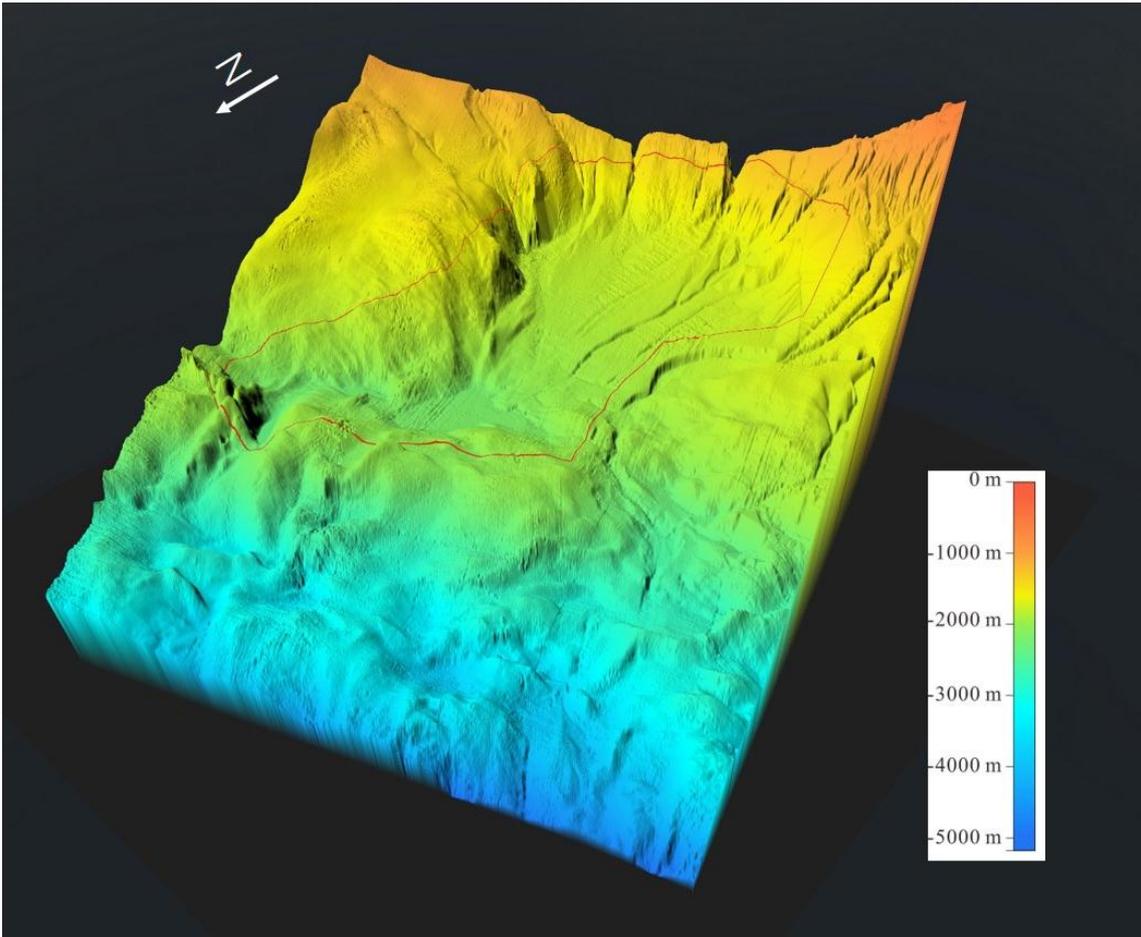


Fig.4 3-D bathymetric map of Libing Valley

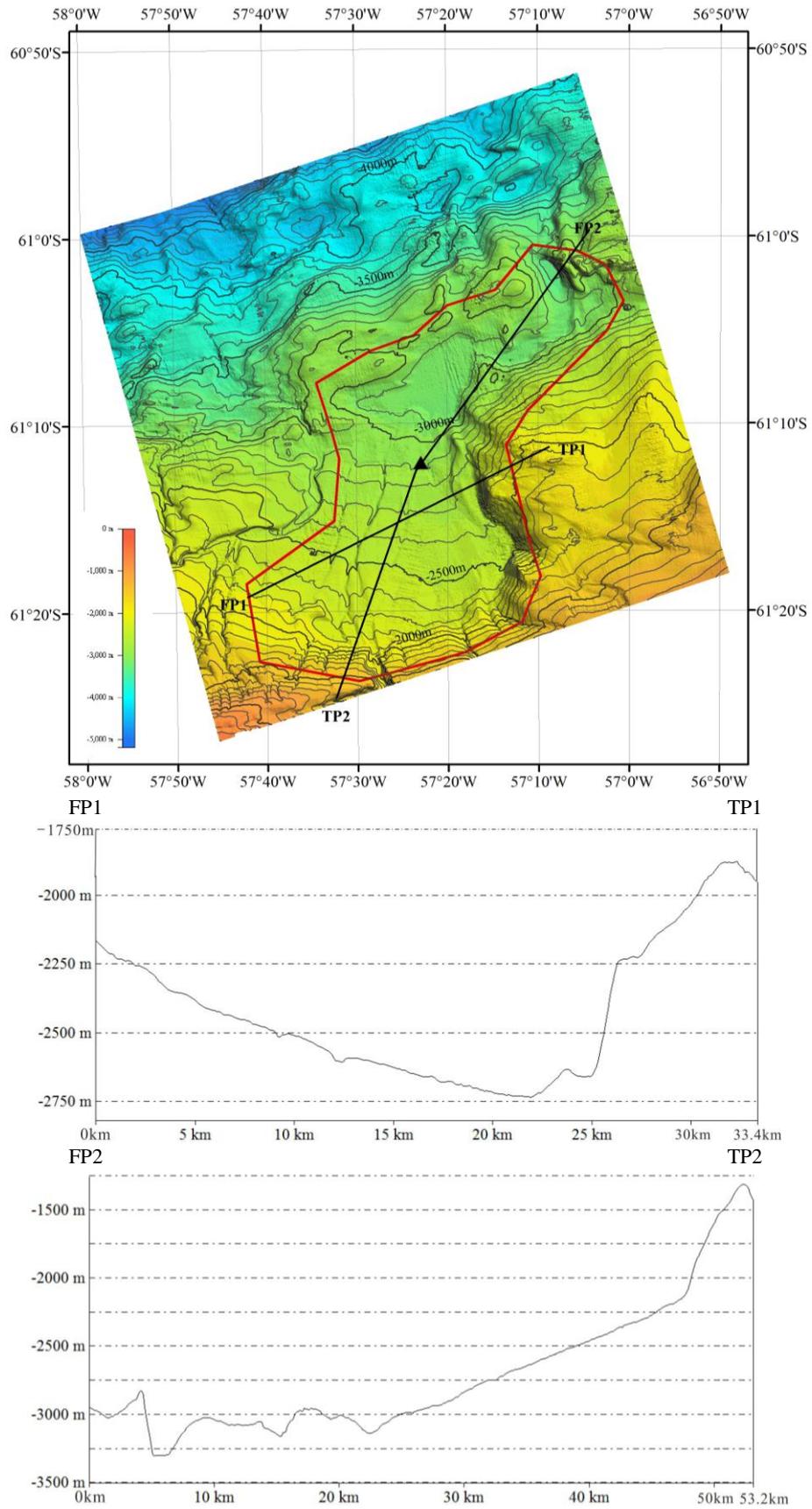


Fig.5 Profile map of Libing Valley