

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Baochuan Hill	Ocean or Sea:	South China Sea
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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:	06°26.2'N (summit)	109°50.7'E (summit)
	06°27.8'N (bottom)	109°51.8'E (bottom)
	06°27.4'N	109°52.0'E
	06°25.8'N	109°51.2'E
	06°24.7'N	109°50.7'E
	06°23.7'N	109°50.1'E
	06°23.7'N	109°49.6'E
	06°24.2'N	109°49.3'E
	06°25.4'N	109°49.5'E
	06°27.7'N	109°51.2'E
	06°27.8'N	109°51.8'E

Feature Description:	Maximum Depth:	1246m	Steepness :	
	Minimum Depth :	991m	Shape :	
	Total Relief :	255m	Dimension/Size :	8.7km × 2.4km

Associated Features:	The hill is located in the southern South China Sea. This hill extends from southwest to northeast.
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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):	Zheng He (1371-1433) was a famous Chinese navigator and diplomat. He was sent by the emperor of Ming Dynasty to take seven voyages to visit 36 different states and cities around the South China Sea and Indian Ocean. Baochuan is a ship type of Zhenghe's fleet.
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Discovery Facts:	Discovery Date:	Apr.-Oct.2000
	Discoverer (Individual, Ship):	R/V Haiyang Sihao

Supporting Survey Data, including Track Controls:	Date of Survey:	Apr.-Oct.2000
	Survey Ship:	R/V Haiyang Sihao

	Sounding Equipment:	Multi-beam sounding system (Seabeam2112)
	Type of Navigation:	DGPS
	Estimated Horizontal Accuracy (nm):	<=0.08 nm
	Survey Track Spacing:	2.5nm
	Supporting material can be submitted as Annex in analog or digital form.	

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Remarks:	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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Attachment

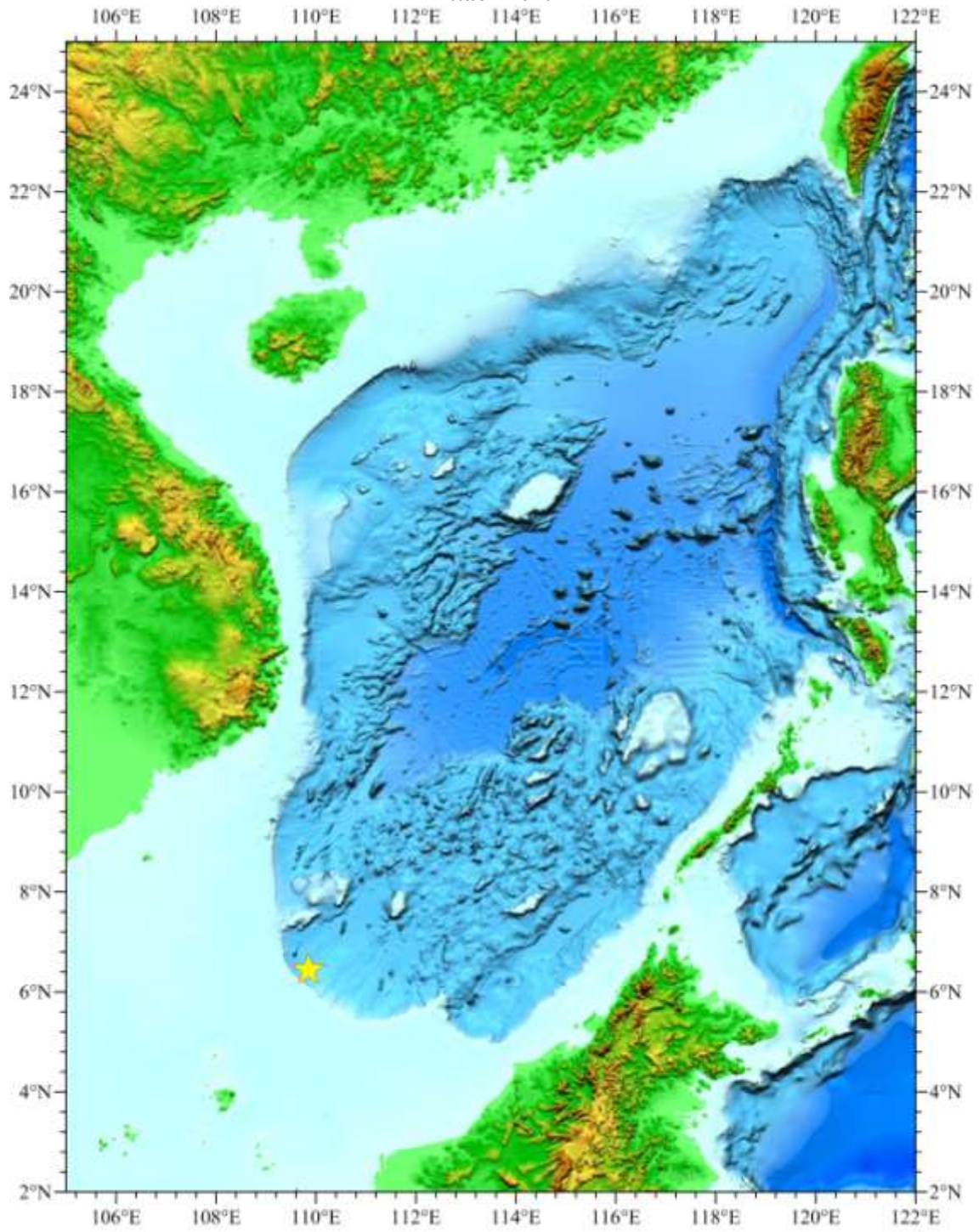


Fig.1 Index map showing the location of the Baochuan Hill

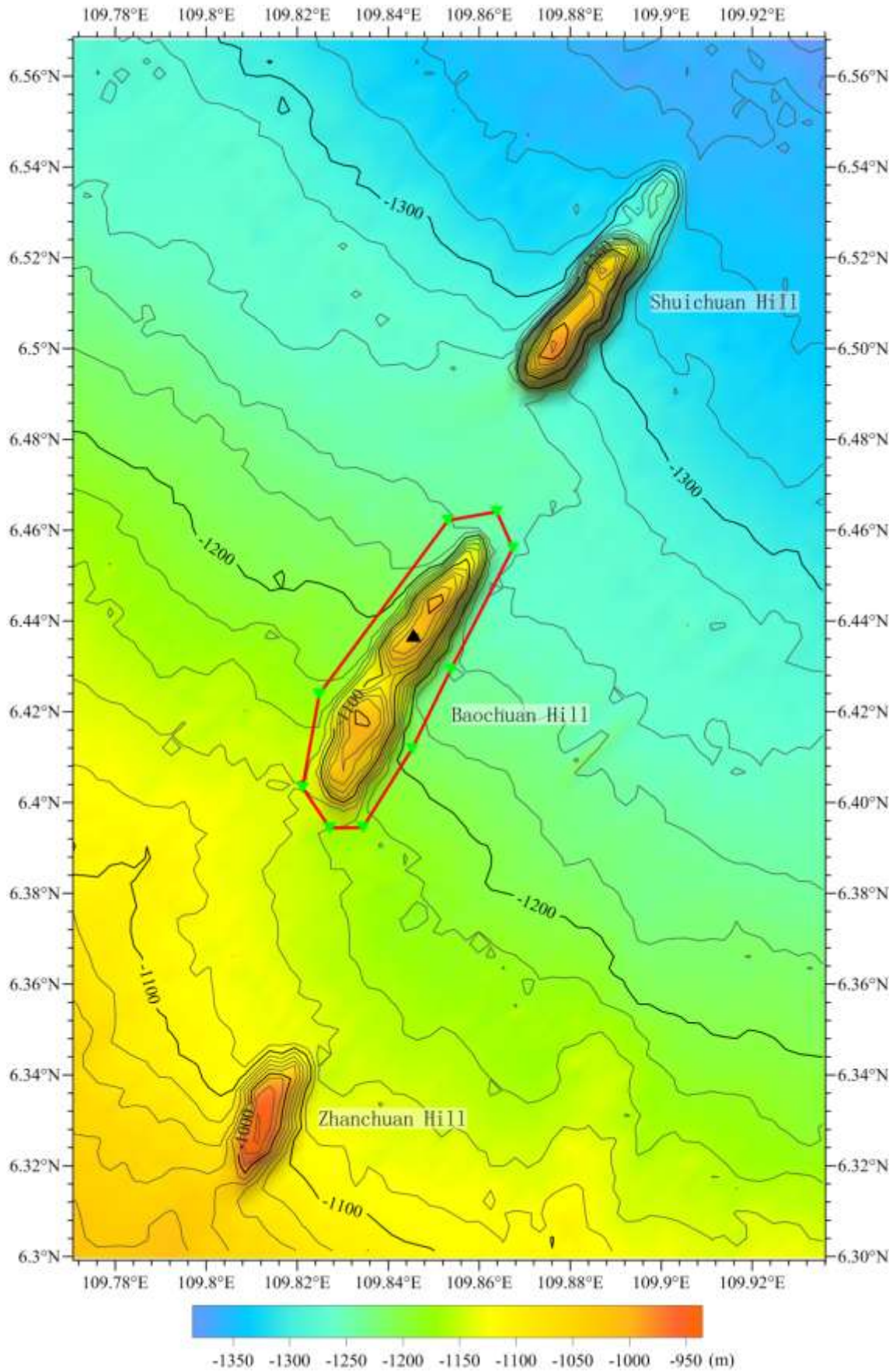


Fig.2 Bathymetric map of the Baochuan Hill (Contours are in 20 m)

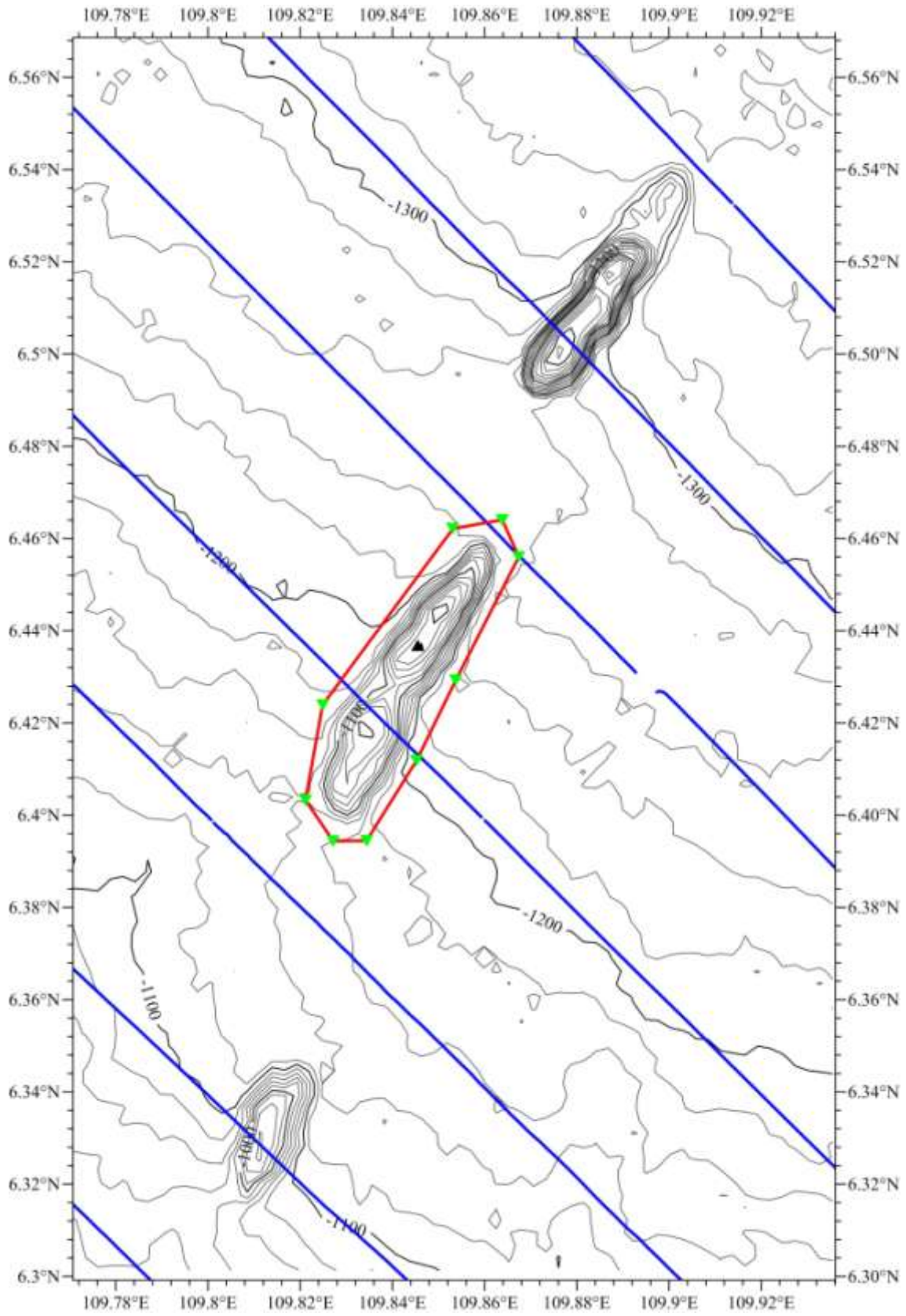


Fig.3 Bathymetric map of the Baochuan Hill overlain with track lines
(Contours are in 20 m, blue lines for the track lines)

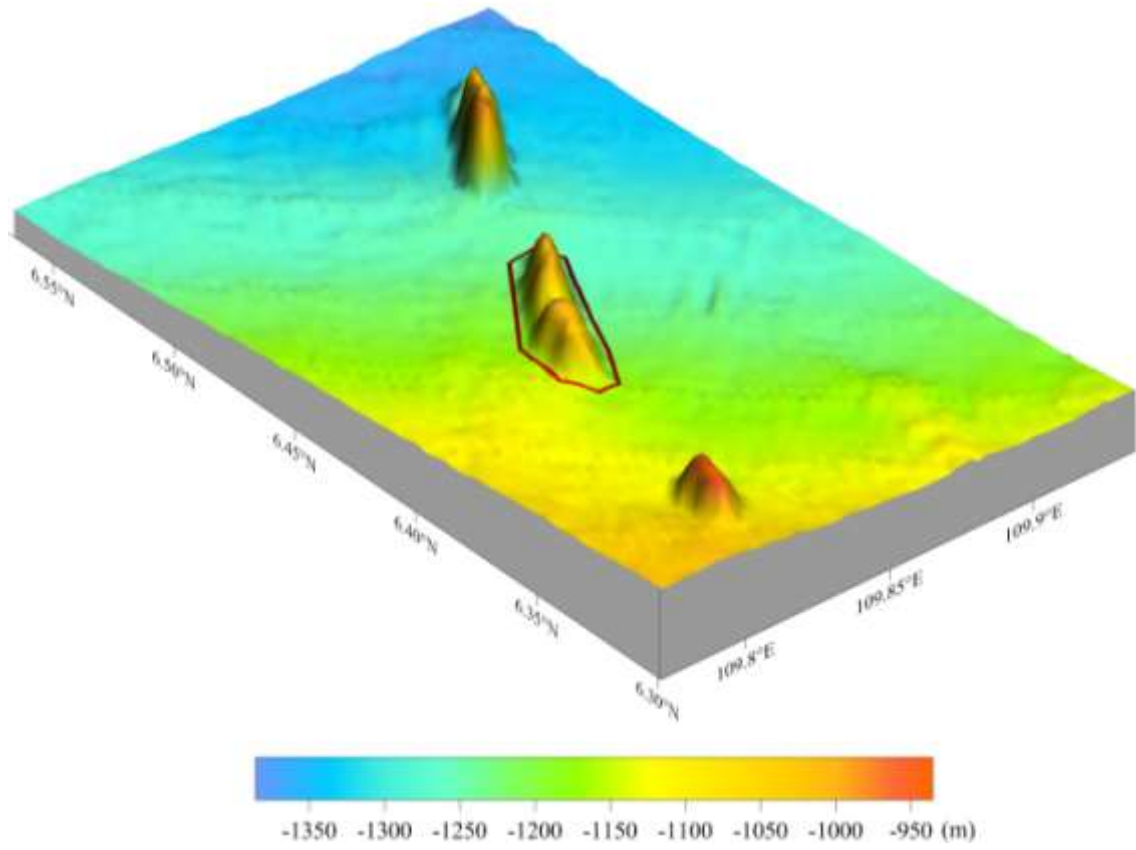
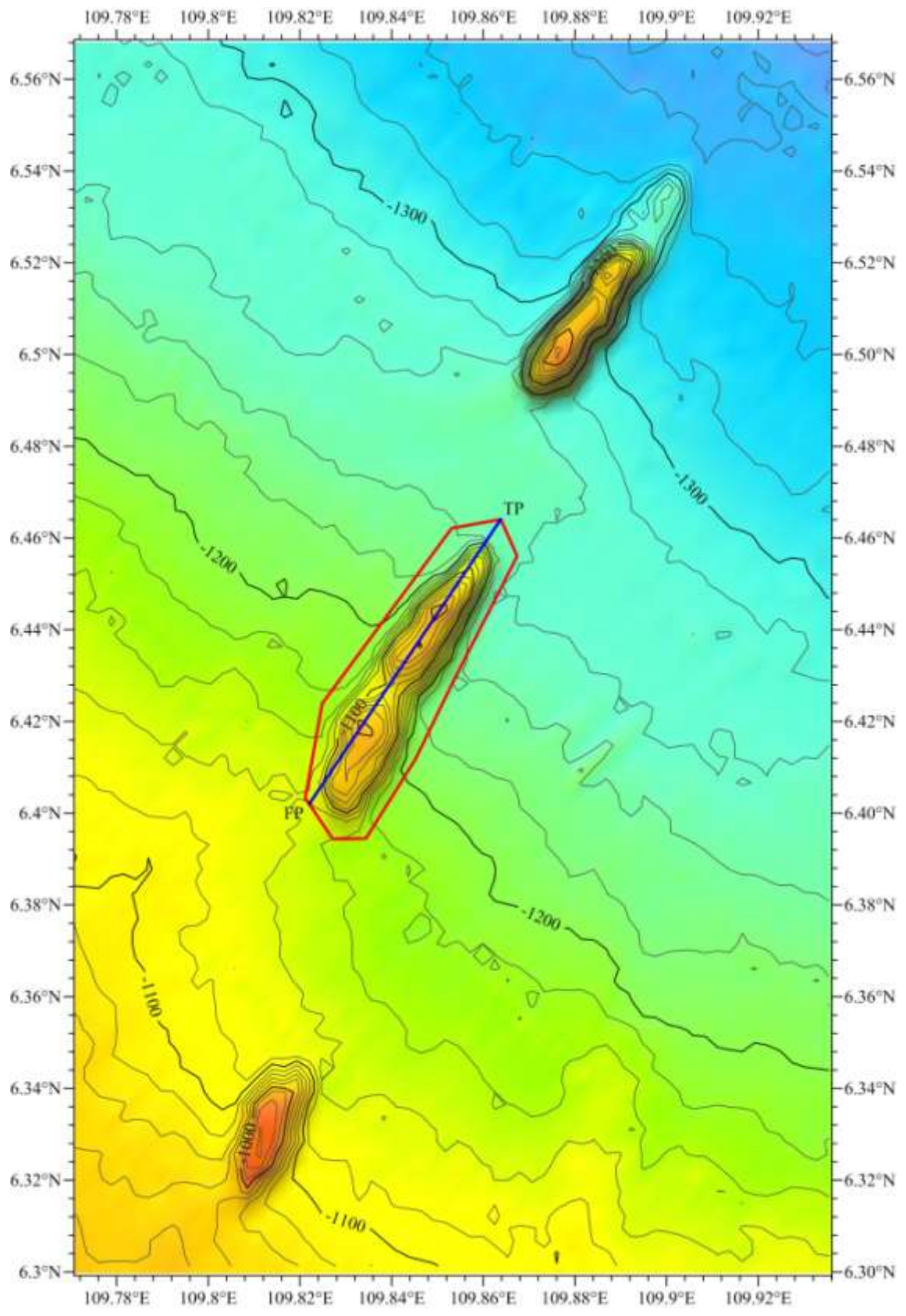


Fig.4 3-D bathymetric map of the Baochuan Hill



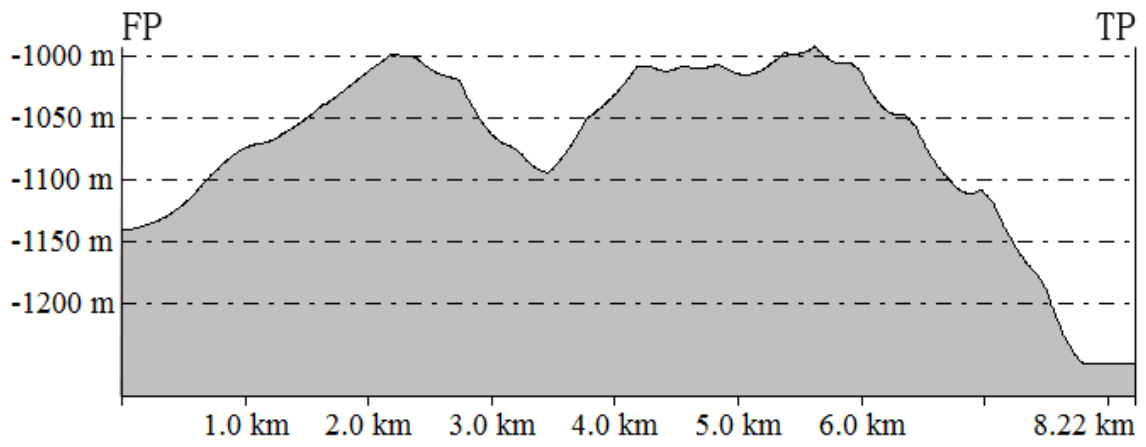


Fig.5 Profile map of the Baochuan Hill