

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Kangxi Hill	Ocean or Sea:	the 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°14.7' N (summit)	111°52.7' E (summit)
	06°23.0' N (bottom)	111°54.4' E (bottom)
	06°20.8' N	111°54.4' E
	06°15.3' N	111°55.3' E
	06°12.0' N	111°55.5' E
	06°10.7' N	111°55.0' E
	06°09.8' N	111°53.7' E
	06°10.4' N	111°52.4' E
	06°13.8' N	111°50.6' E
	06°15.8' N	111°49.8' E
	06°19.6' N	111°49.8' E
	06°22.1' N	111°51.3' E
	06°23.3' N	111°53.3' E
	06°23.0' N	111°54.4' E

Feature Description:	Maximum Depth:	1925m	Steepness :	5°-15°
	Minimum Depth :	1144m	Shape :	Slightly elongated
	Total Relief :	781m	Dimension/Size :	24km × 10km

Associated Features:	The hill is located in the south of the South China Sea. This hill extends from south to north.
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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):	Kang Xi (the year of birth and death is unknown) was a famous singer in Tang Dynasty of China (A.D.618-907). He brought music and dance of different countries and cultures to Tang Empire. The hill named after him is to commemorate his contribution to intercourse of different cultures.
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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:	3.5nm
	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 Street, Xicheng District, Beijing, China, 100860 heyunxu@sina.com
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Attachment

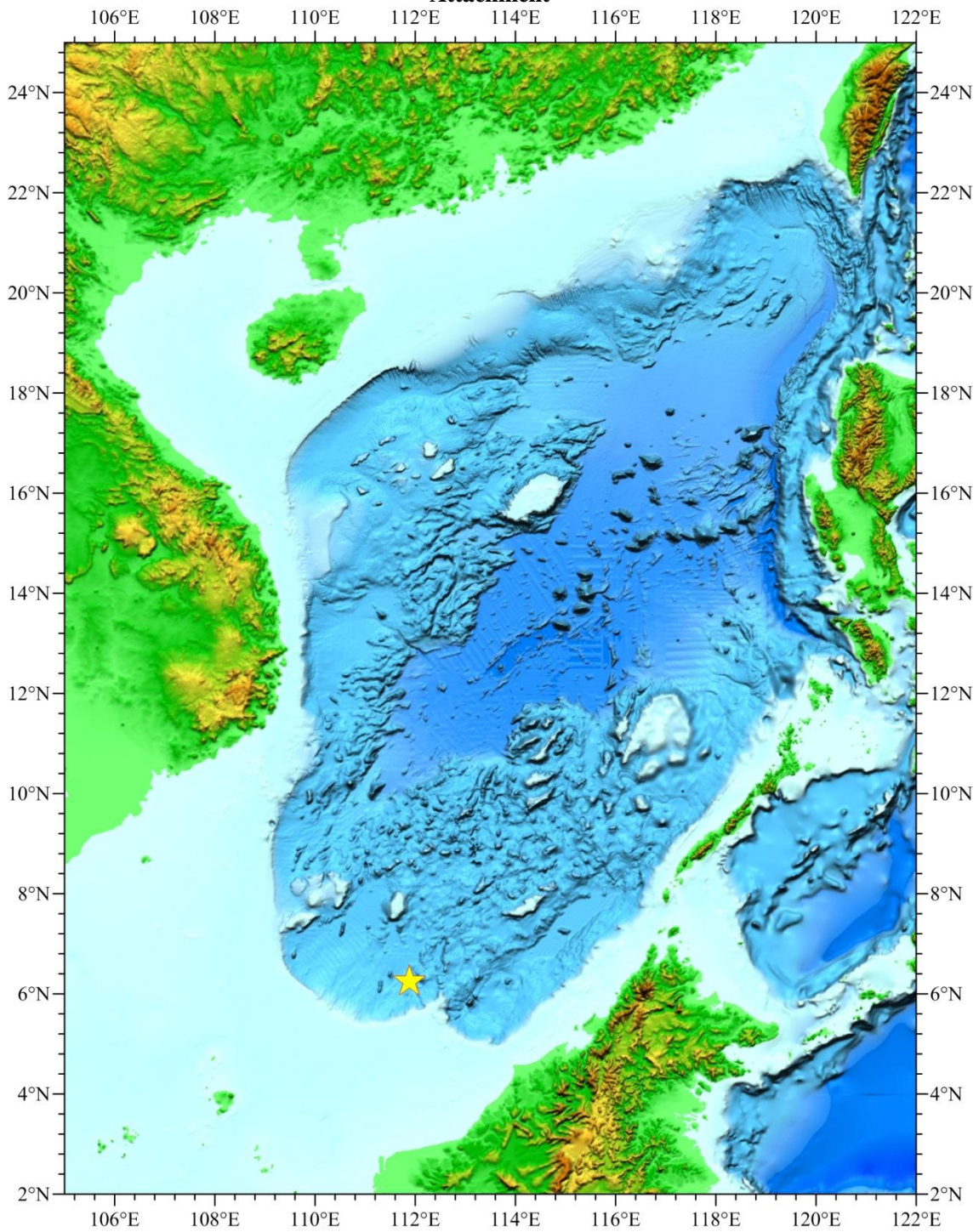


Fig.1 Index map showing the location of Kangxi Hill

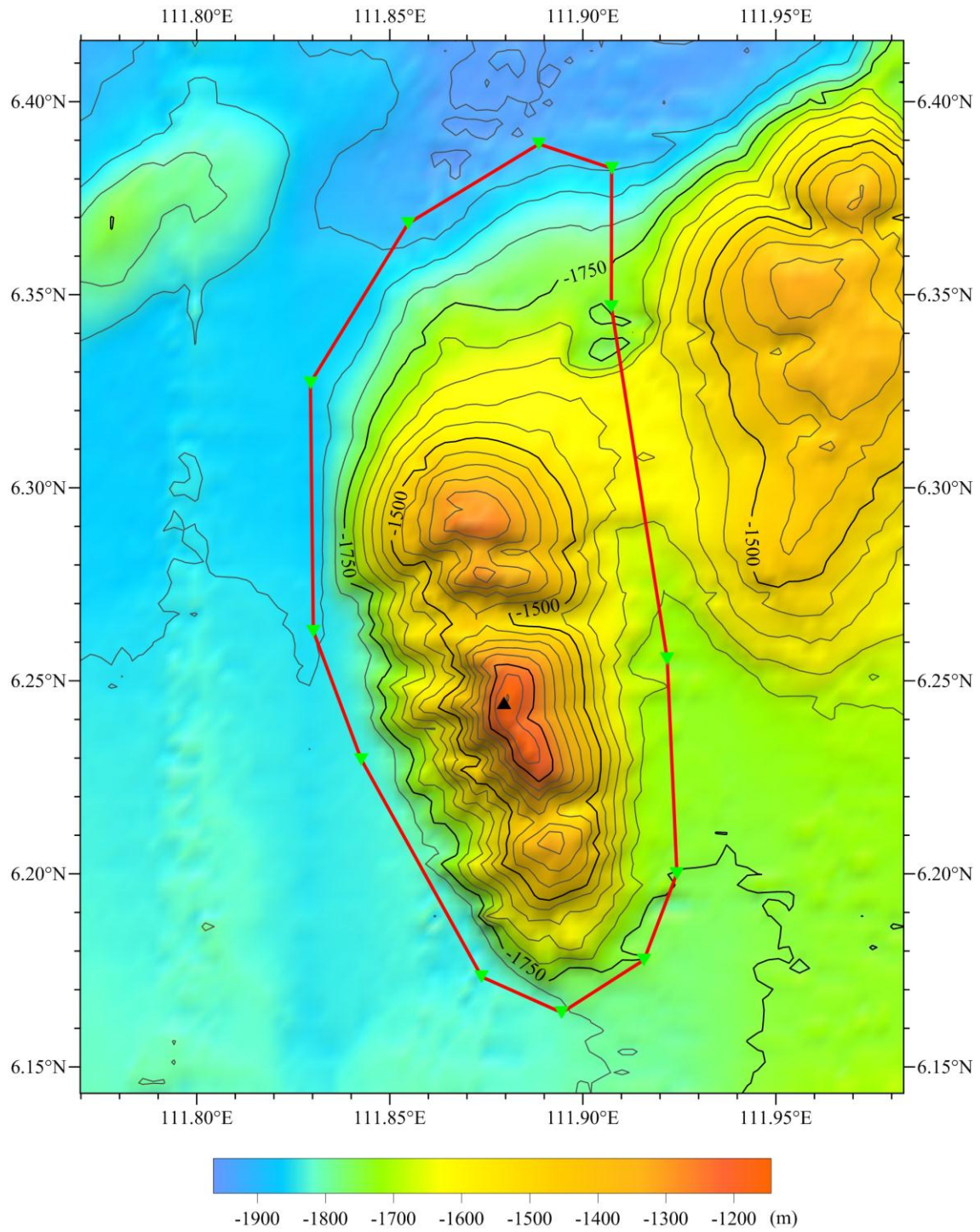


Fig.2 Bathymetric map of Kangxi Hill (Contours are in 50 m)

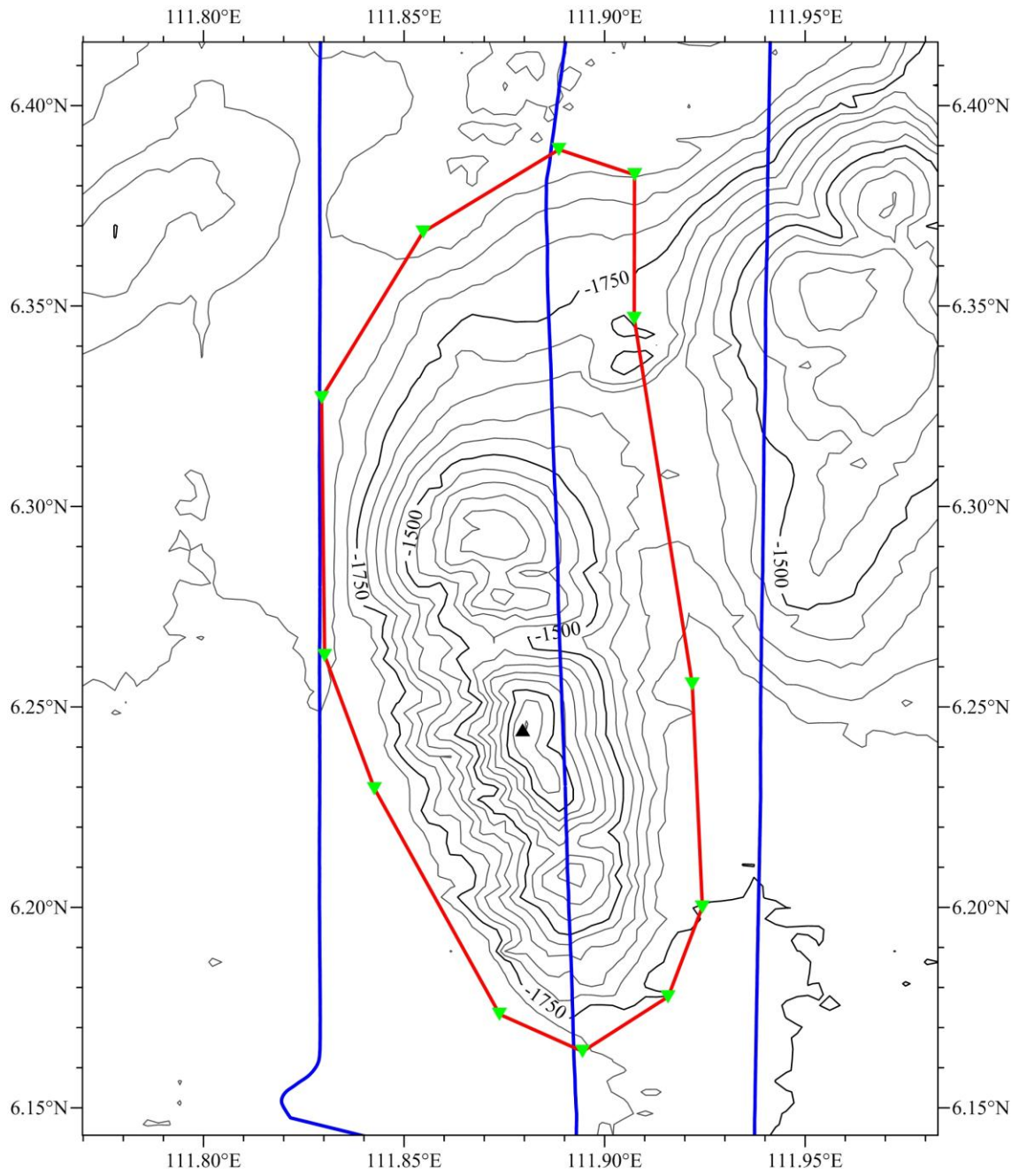


Fig.3 Bathymetric map of Kangxi Hill overlain with track lines
(Contours are in 50 m, blue lines for the track lines)

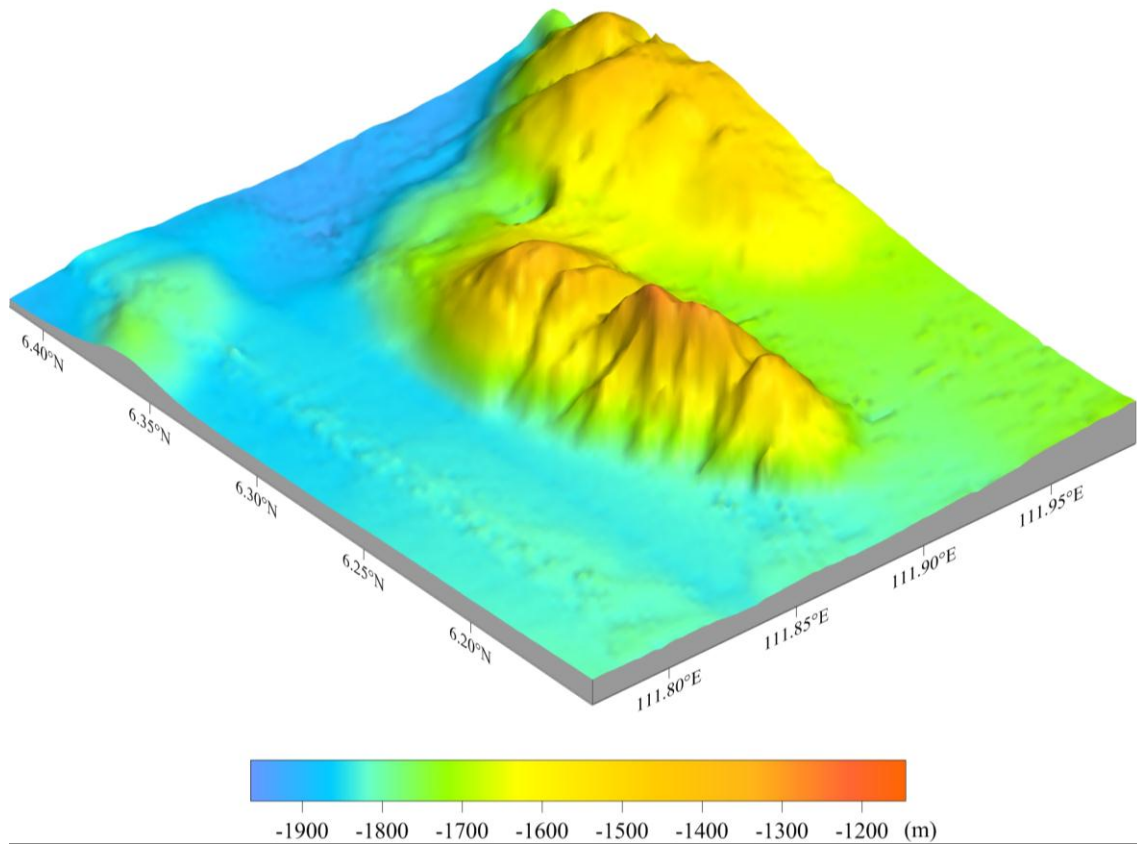


Fig.4 3-D bathymetric map of Kangxi Hill

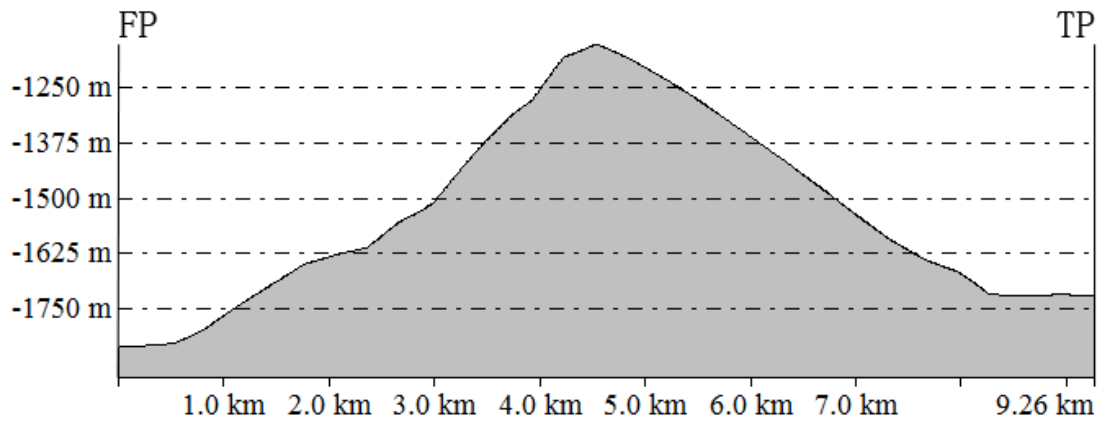
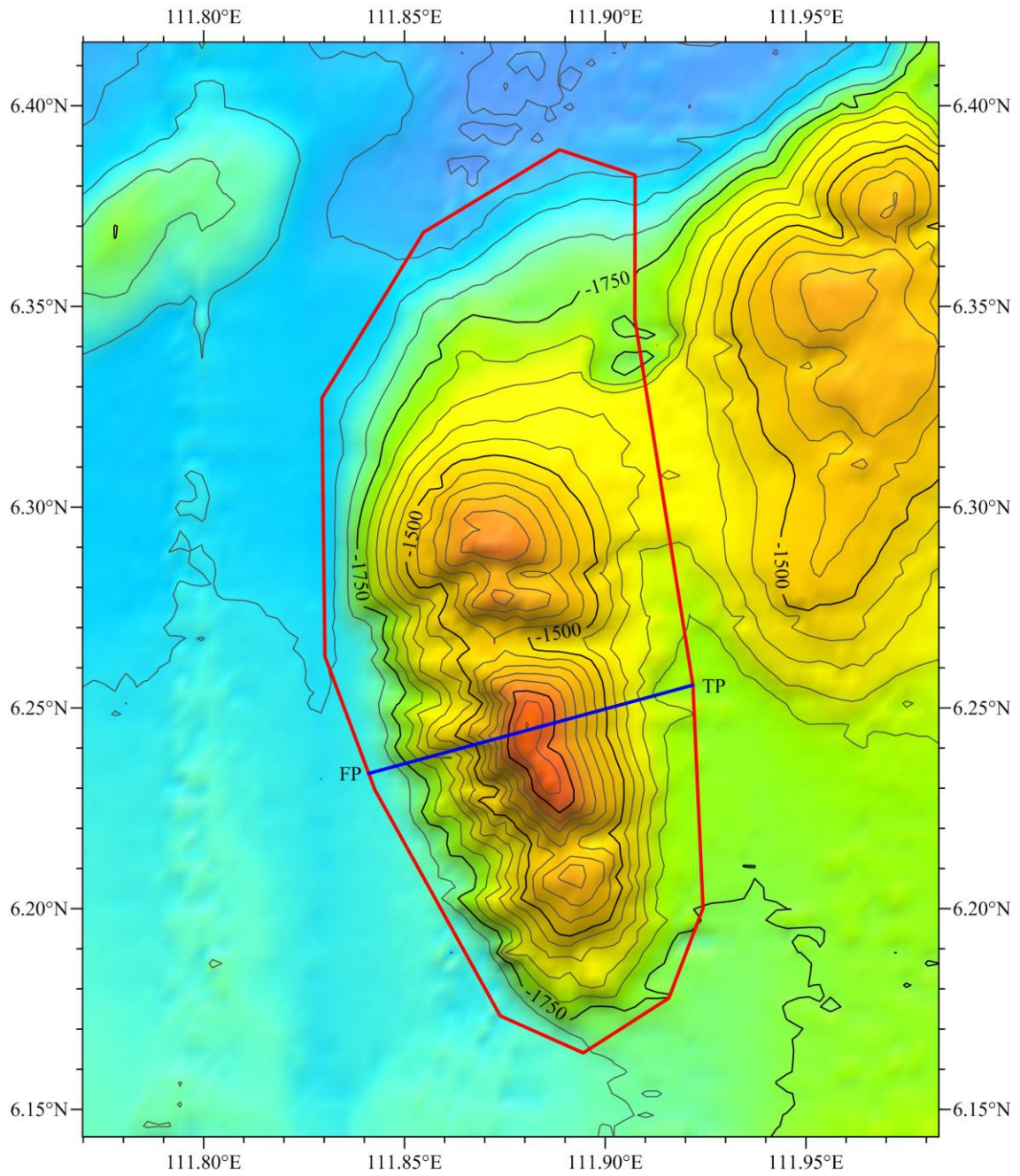


Fig.5 Profile map of Kangxi Seamount