

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Guangya Slope	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:	09°47.6'N	111°24.8'E
	09°30.3'N	110°56.4'E
	09°11.5'N	110°30.5'E
	09°05.3'N	110°17.9'E
	09°02.0'N	109°42.7'E
	08°58.5'N	109°30.3'E
	08°57.1'N	109°18.1'E
	09°03.3'N	109°08.0'E
	09°22.4'N	109°11.5'E
	09°33.6'N	109°15.5'E
	09°37.9'N	109°21.1'E
	09°28.9'N	109°41.1'E
	09°22.1'N	109°46.0'E
	09°34.2'N	110°30.3'E
	09°44.0'N	110°38.7'E
	09°58.7'N	110°42.3'E
	10°12.1'N	110°54.3'E
	10°29.7'N	111°06.6'E
	10°26.6'N	111°14.3'E
	09°58.4'N	111°00.7'E
09°51.7'N	111°08.2'E	
09°54.8'N	111°15.9'E	
09°47.6'N	111°24.8'E	

Feature Description:	Maximum Depth:	3650m	Steepness :	0.3 °-1.2 °
	Minimum Depth :	300m	Shape :	Slightly elongated
	Total Relief :	3350m	Dimension/Size :	45km × 280km

Associated Features:	Guangya Slope lies in the southwestern South China Sea. The dip direction of this slope is northeast. The average angle of this slope is approximately 1.2 °.
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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):	Guangya Slope is named after a book “ <i>Guangya</i> ” (it was written during A.D.227-232), which is the earliest dictionary of Chinese literature.
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Discovery Facts:	Discovery Date:	1998
	Discoverer (Individual, Ship):	R/V Haiyang Sihao

Supporting Survey Data, including Track Controls:	Date of Survey:	1998-2001
	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:	3nm
	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

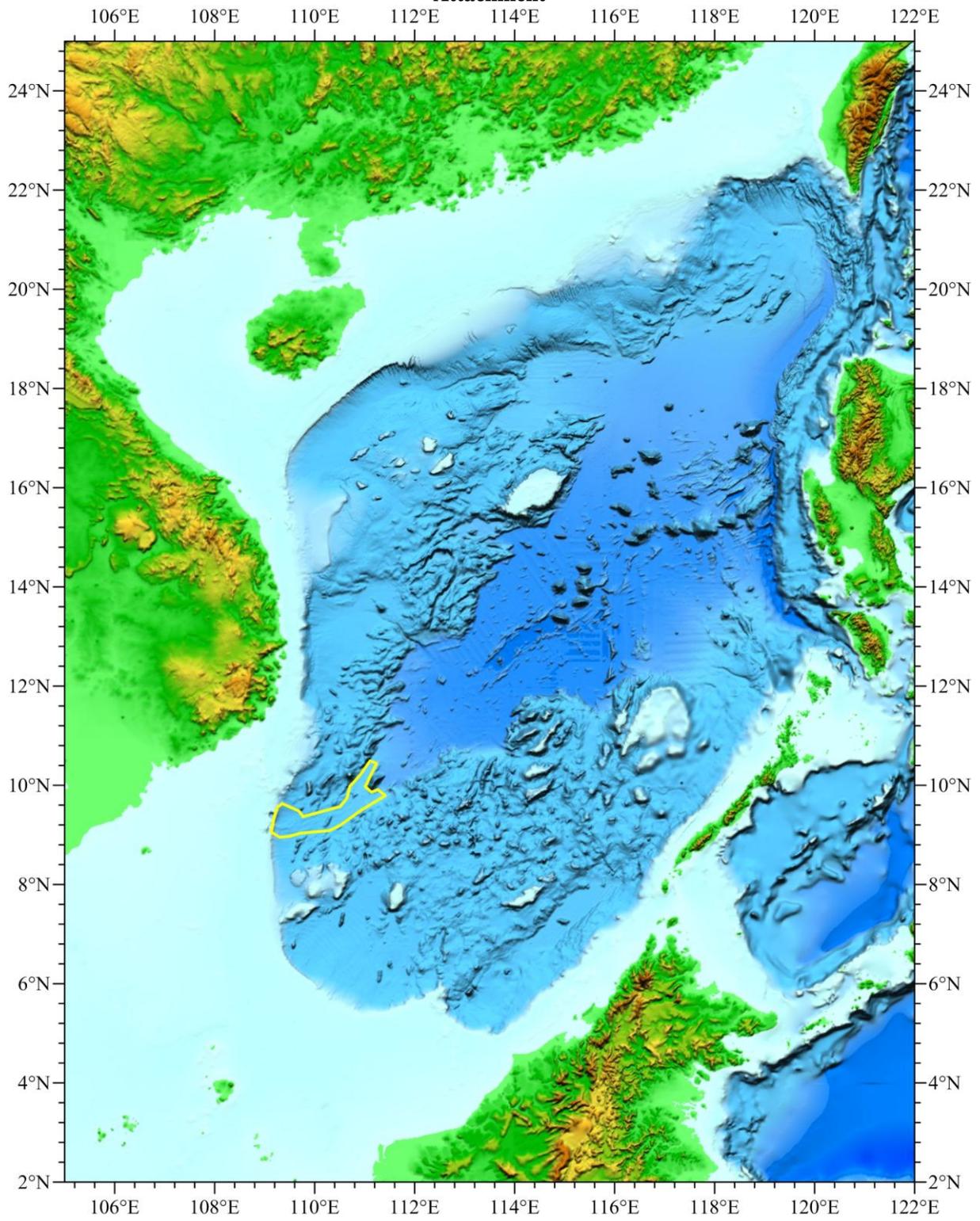


Fig.1 Index map showing the location of Guangya Slope

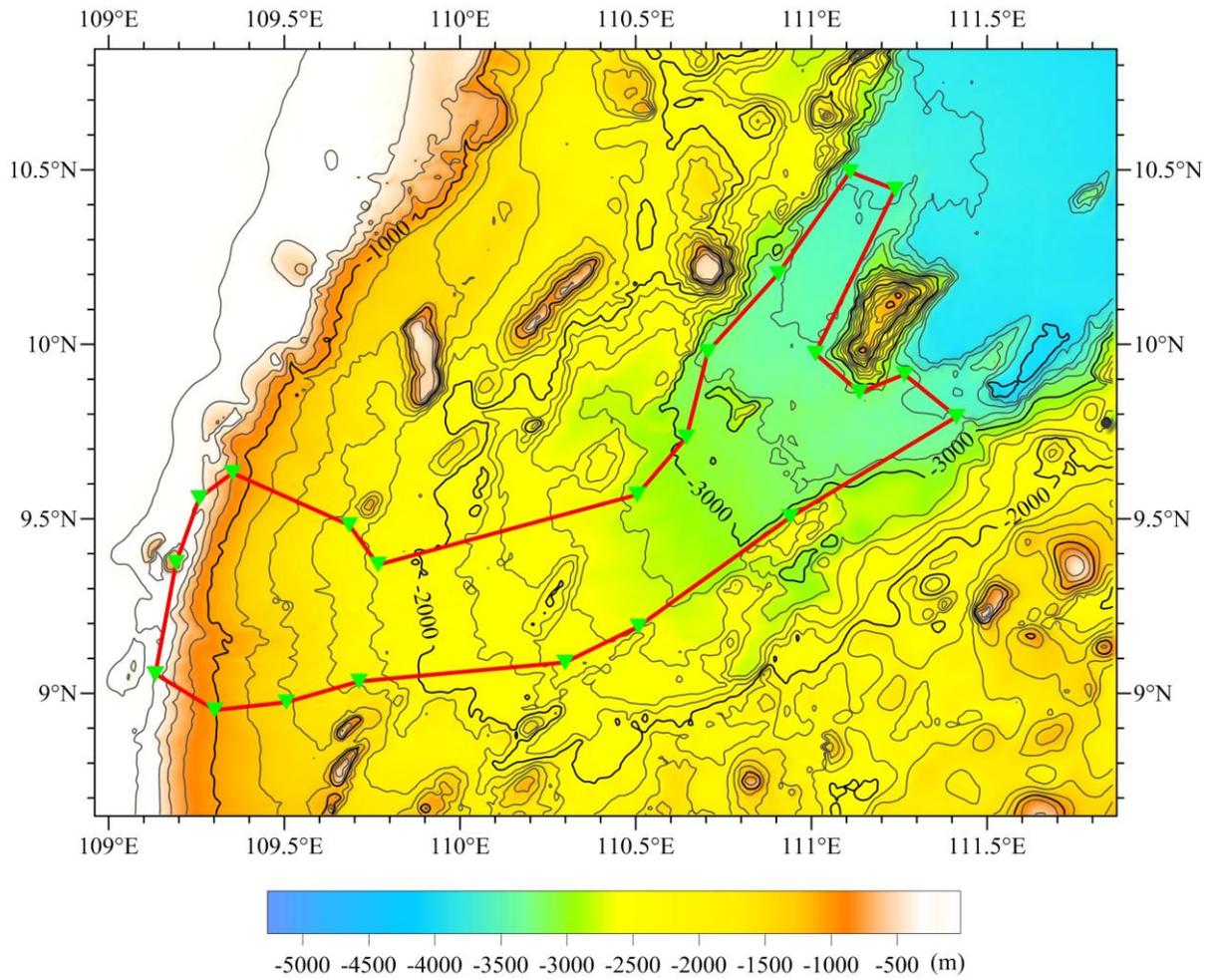


Fig.2 Bathymetric map of Guangya Slope (Contours are in 200 m)

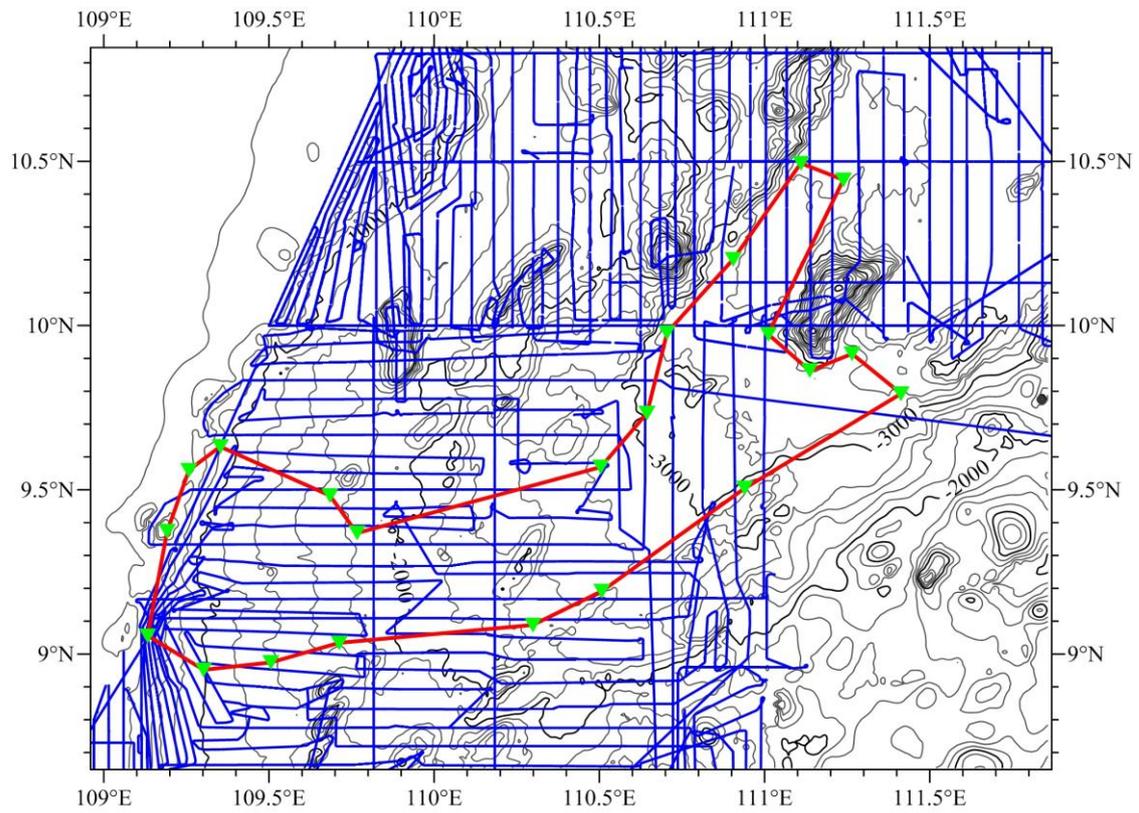


Fig.3 Bathymetric map of Guangya Slope overlain with track lines
(Contours are in 200 m, blue lines for the track lines)

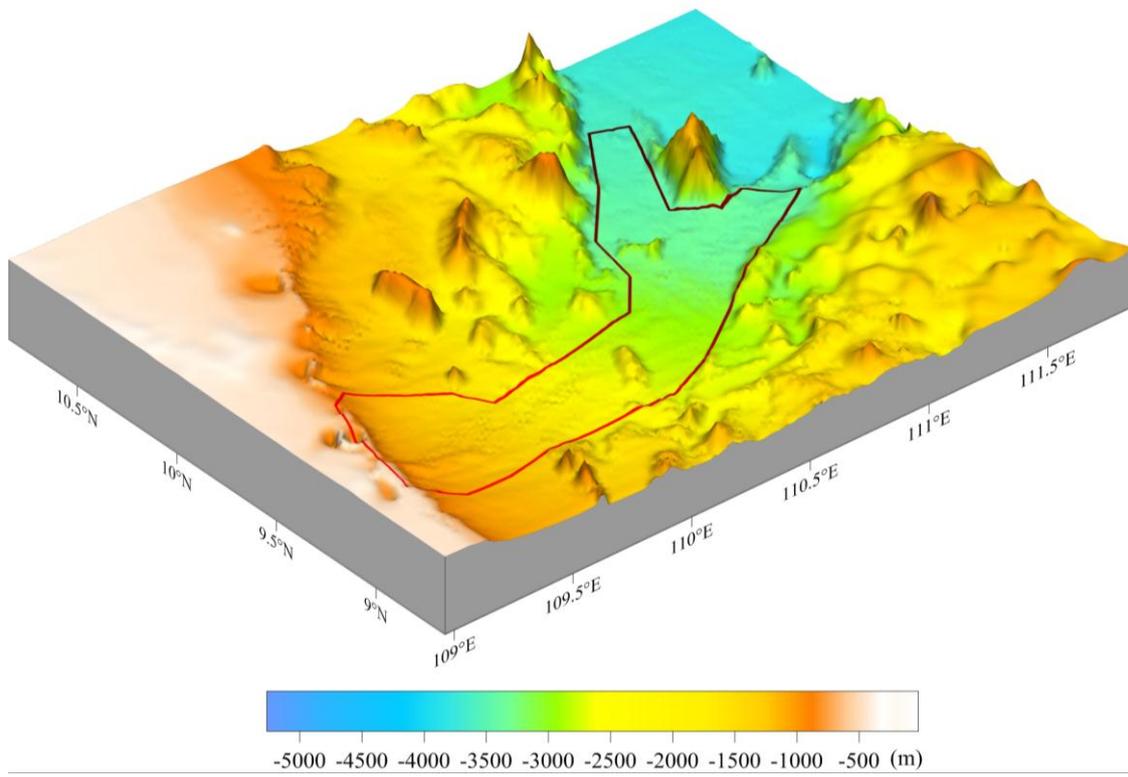


Fig.4 3-D bathymetric map of Guangya Slope

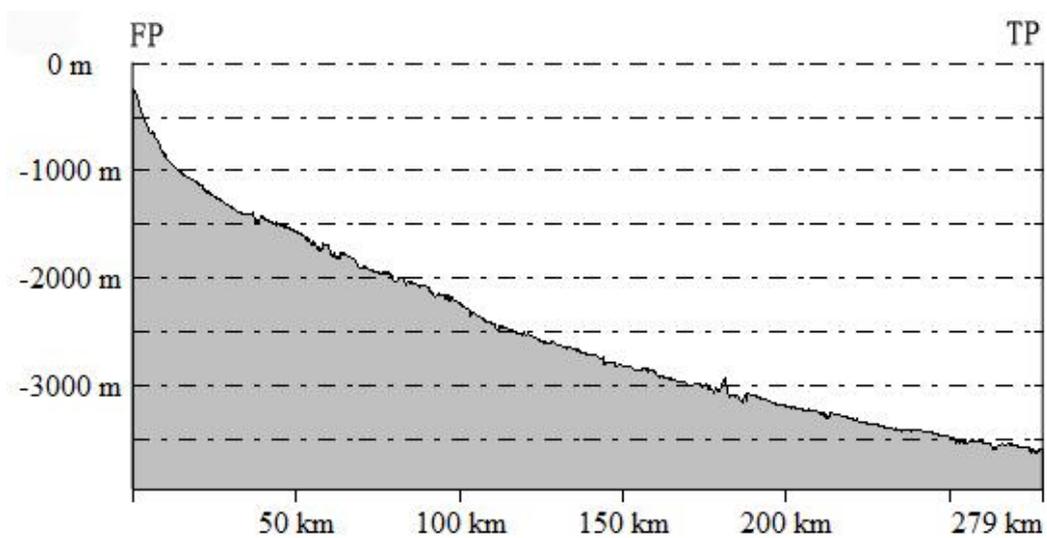
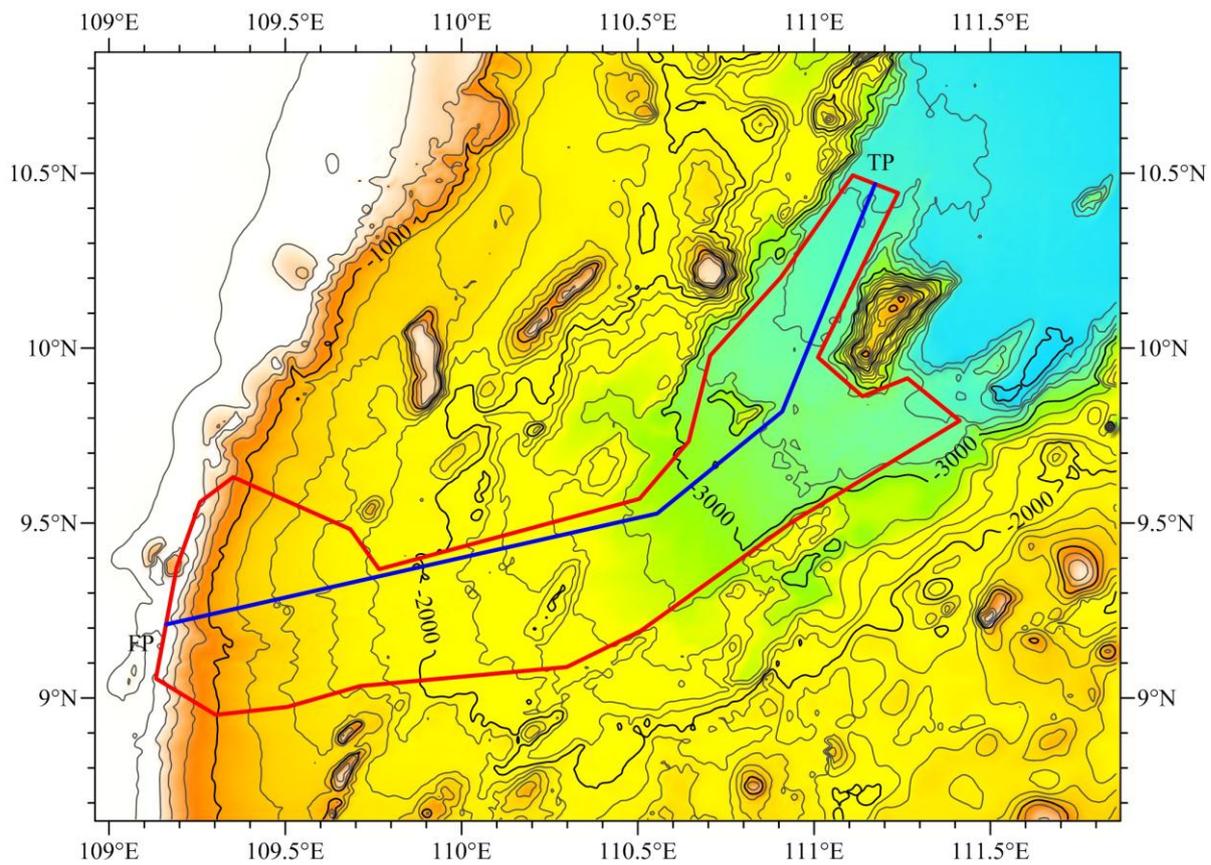


Fig.5 Profile map of Guangya Slope