

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Yinqing Seamount	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:	07°15.3'N (summit)	114°56.5'E (summit)
	07°10.7'N (bottom)	115°03.3'E (bottom)
	07°11.2'N	114°59.0'E
	07°10.9'N	114°57.3'E
	07°13.5'N	114°54.2'E
	07°15.2'N	114°50.4'E
	07°18.9'N	114°50.3'E
	07°19.4'N	114°53.2'E
	07°20.4'N	114°53.9'E
	07°20.9'N	114°55.7'E
	07°19.1'N	115°01.3'E
	07°17.9'N	115°05.8'E
	07°16.0'N	115°07.4'E
	07°14.5'N	115°06.2'E
	07°13.0'N	115°04.4'E
07°10.7'N	115°03.3'E	

Feature Description:	Maximum Depth:	2922m	Steepness :	5°-15°
	Minimum Depth :	1602m	Shape :	Slightly elongated
	Total Relief :	1320m	Dimension/Size :	30km × 16km

Associated Features:	The seamount is located in the south of the South China Sea. This seamount extends from west to east.
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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):	Yin Qing (14th-15th century, the year of birth and death is unknown.) was an envoy sent by the Ming Emperor to Selat Melaka (An ancient country name, located in nowadays Malaysia). He travel there by ship and established diplomatic relations with Selat Melaka. The seamount named after him is to commemorate his navigation activities.
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Discovery Facts:	Discovery Date:	Oct.2001
	Discoverer (Individual, Ship):	R/V Haiyang Sihao

Supporting Survey Data, including Track Controls:	Date of Survey:	Oct.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:	4nm
	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

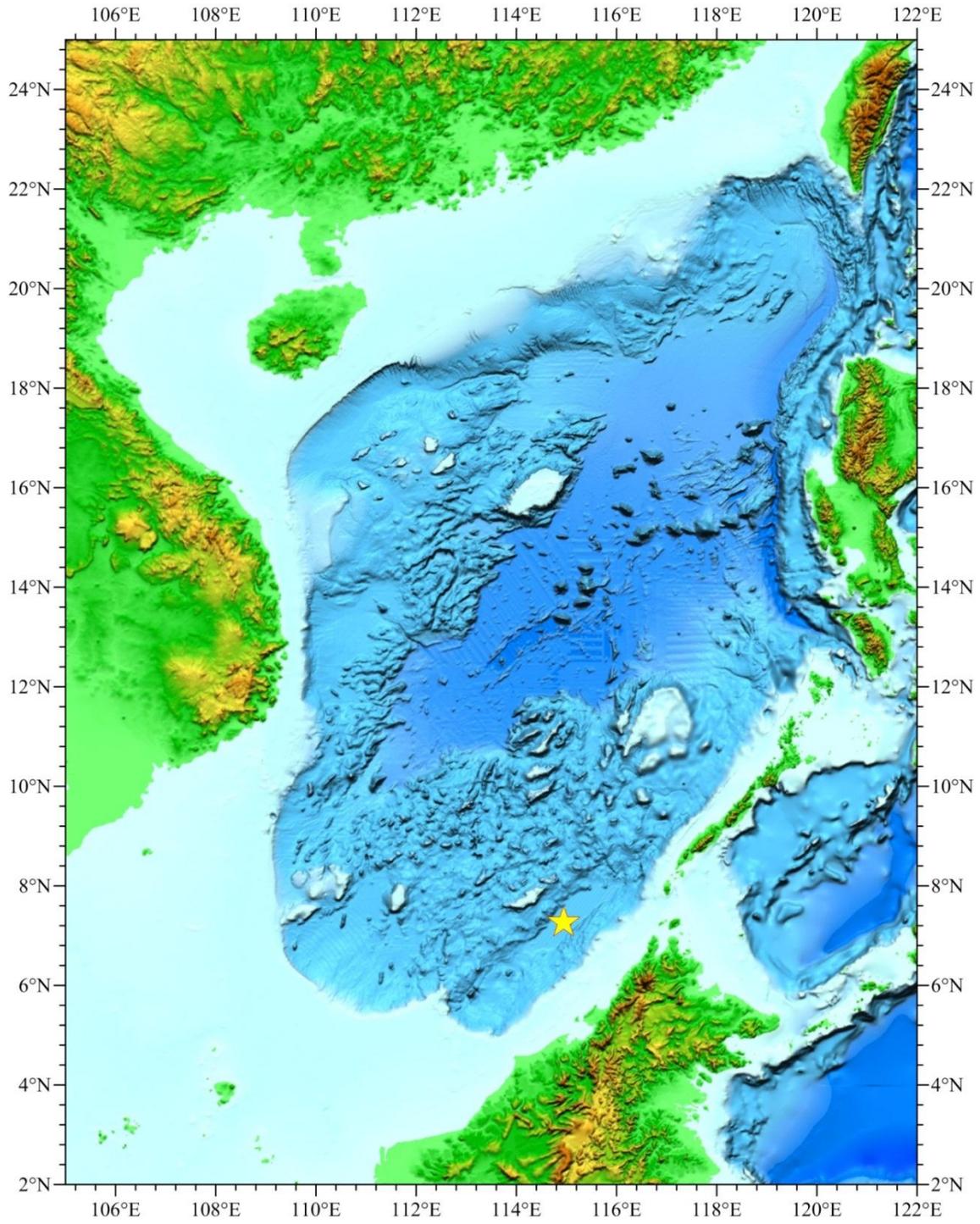


Fig.1 Index map showing the location of Yinqing Seamount

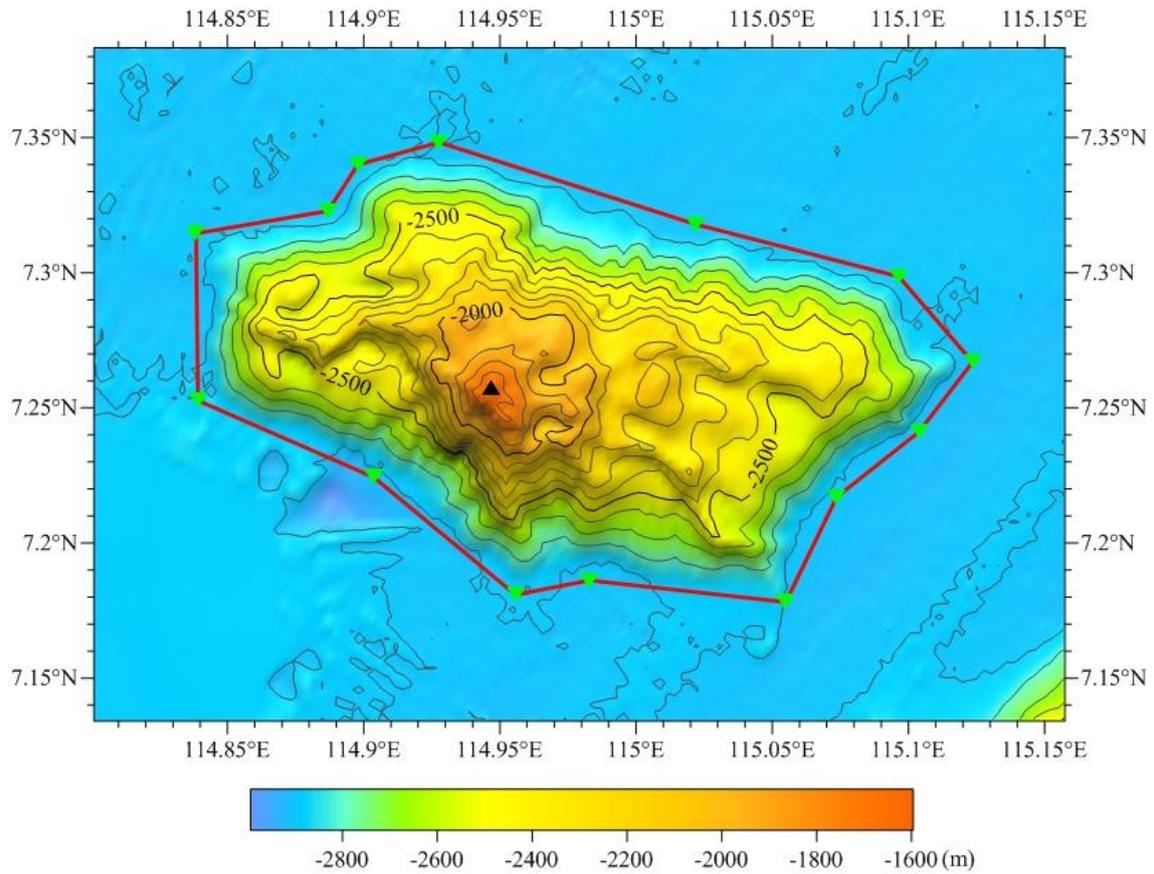


Fig.2 Bathymetric map of Yinqing Seamount (Contours are in 100 m)

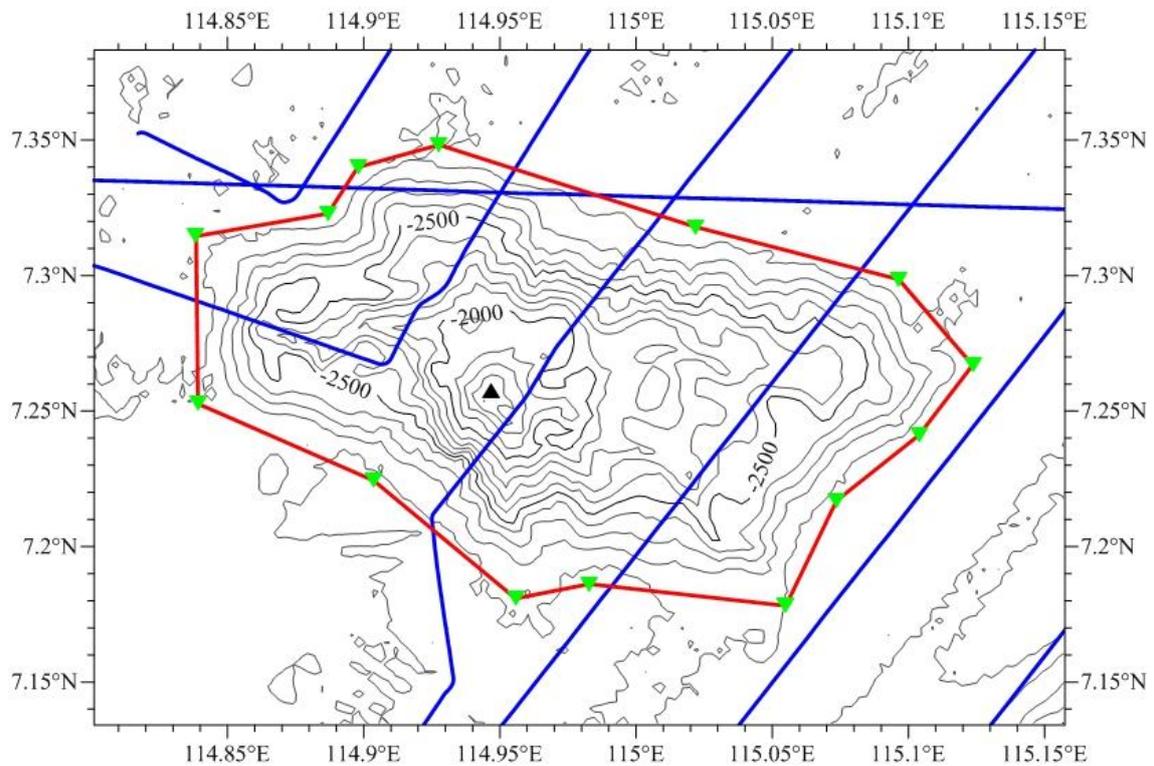


Fig.3 Bathymetric map of Yinqing Seamount overlain with track lines (Contours are in 100 m, blue lines for the track lines)

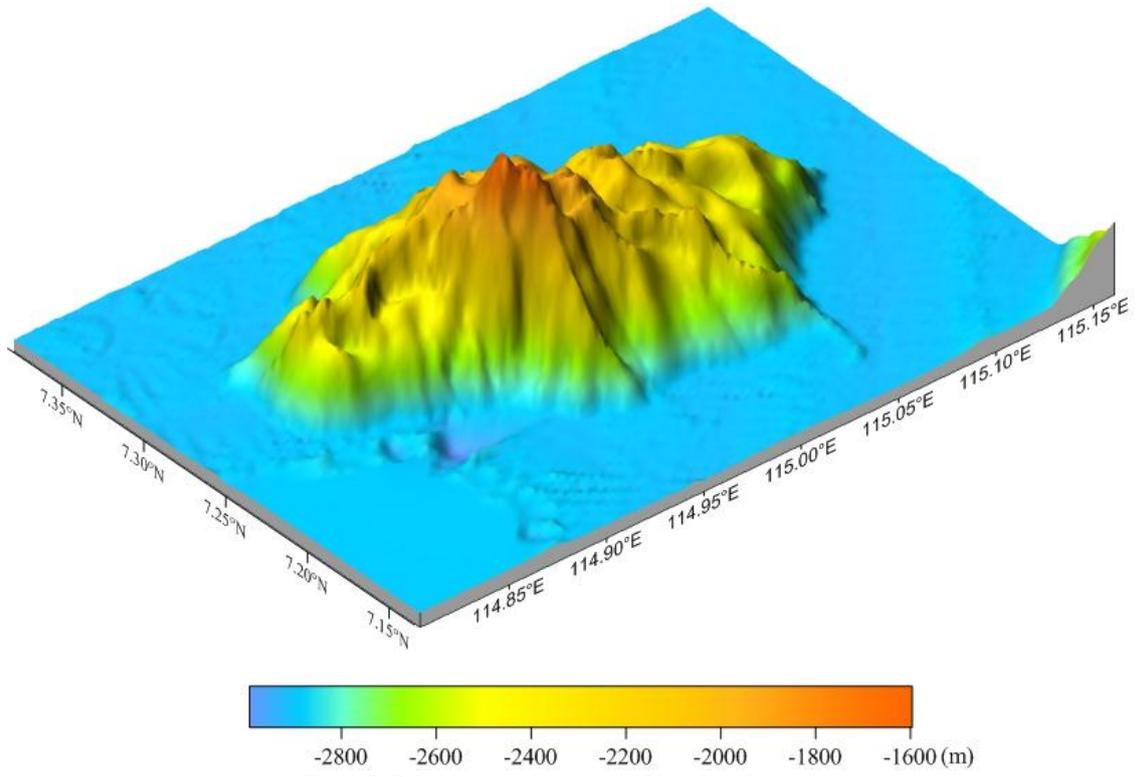


Fig.4 3-D bathymetric map of Yinqing Seamount

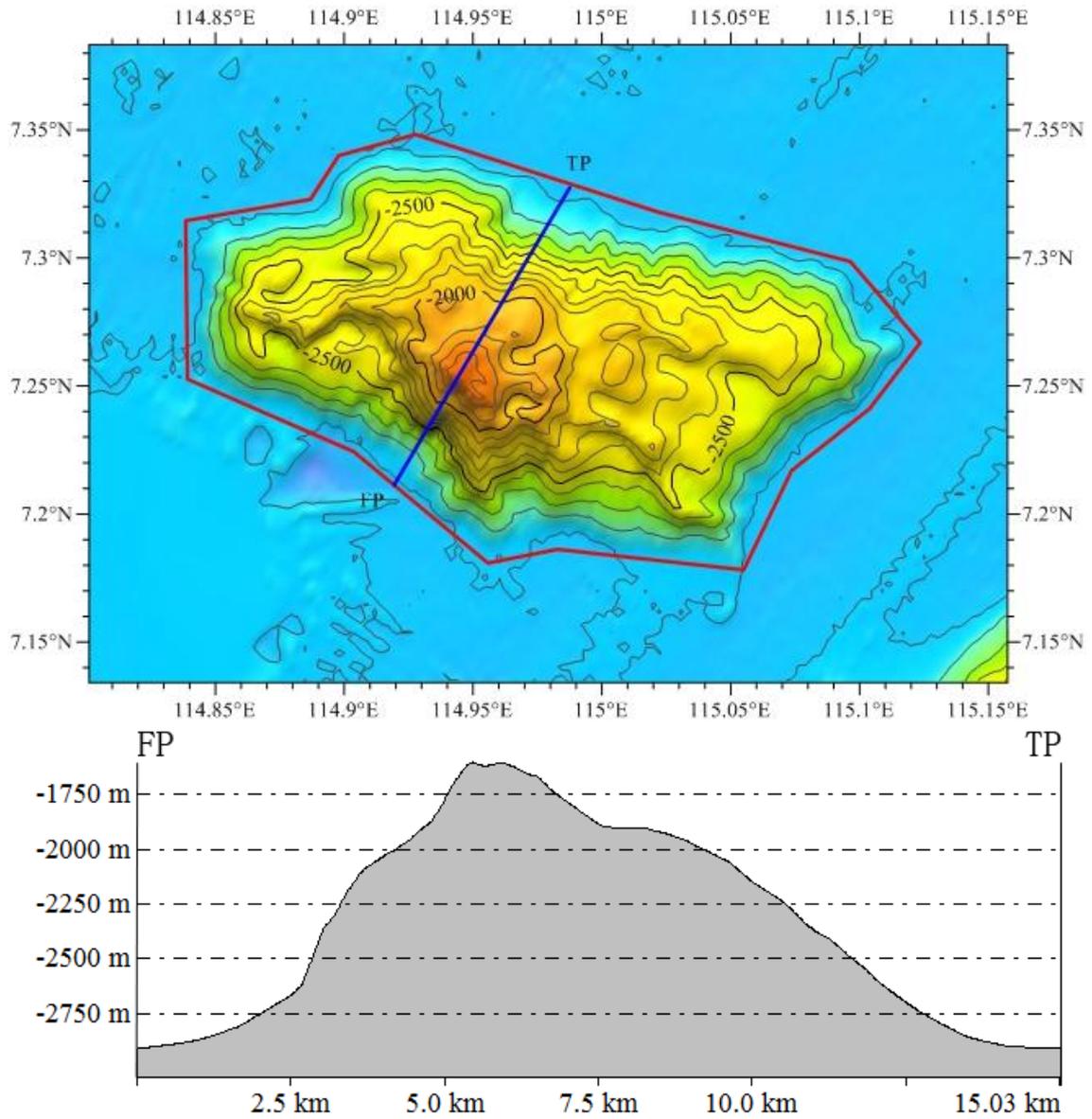


Fig.5 Profile map of Yinqing Seamount