

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Jinghong 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:	06°16.2'N (summit)	113°52.8'E (summit)
	06°14.3'N (bottom)	113°30.0'E (bottom)
	06°16.8'N	113°30.0'E
	06°18.5'N	113°32.9'E
	06°24.2'N	113°37.5'E
	06°24.5'N	113°39.7'E
	06°21.1'N	113°41.8'E
	06°20.4'N	113°49.5'E
	06°18.2'N	113°57.6'E
	06°16.7'N	113°58.3'E
	06°15.4'N	113°56.3'E
	06°12.8'N	113°54.1'E
	06°10.3'N	113°51.1'E
	06°12.0'N	113°48.6'E
	06°14.4'N	113°47.6'E
	06°15.7'N	113°46.1'E
06°12.9'N	113°40.1'E	
06°11.6'N	113°34.2'E	
06°14.3'N	113°30.0'E	

Feature Description:	Maximum Depth:	2827	Steepness :	5°-25°
	Minimum Depth :	1465	Shape :	Slightly elongated
	Total Relief :	1362	Dimension/Size :	52km × 18km

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):	Wang Jinghong (14 th -15 th century, the year of birth and death is unknown) was a navigator in the Ming dynasty(1368-1644). He conducted several voyages with Zheng He's fleet and passed by the
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	South China Sea several times. The seamount named after him is to commemorate his navigation activities.
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Discovery Facts:	Discovery Date:	May-Jun.2014
	Discoverer (Individual, Ship):	R/V HaiyangSihao

Supporting Survey Data, including Track Controls:	Date of Survey:	May-Jun.2014
	Survey Ship:	R/V HaiyangSihao
	Sounding Equipment:	Multi-beamsounding system (Atlas MD30)
	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.	

Proposer(s):	Name(s):	Zhu Benduo, Huang Wenxing
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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

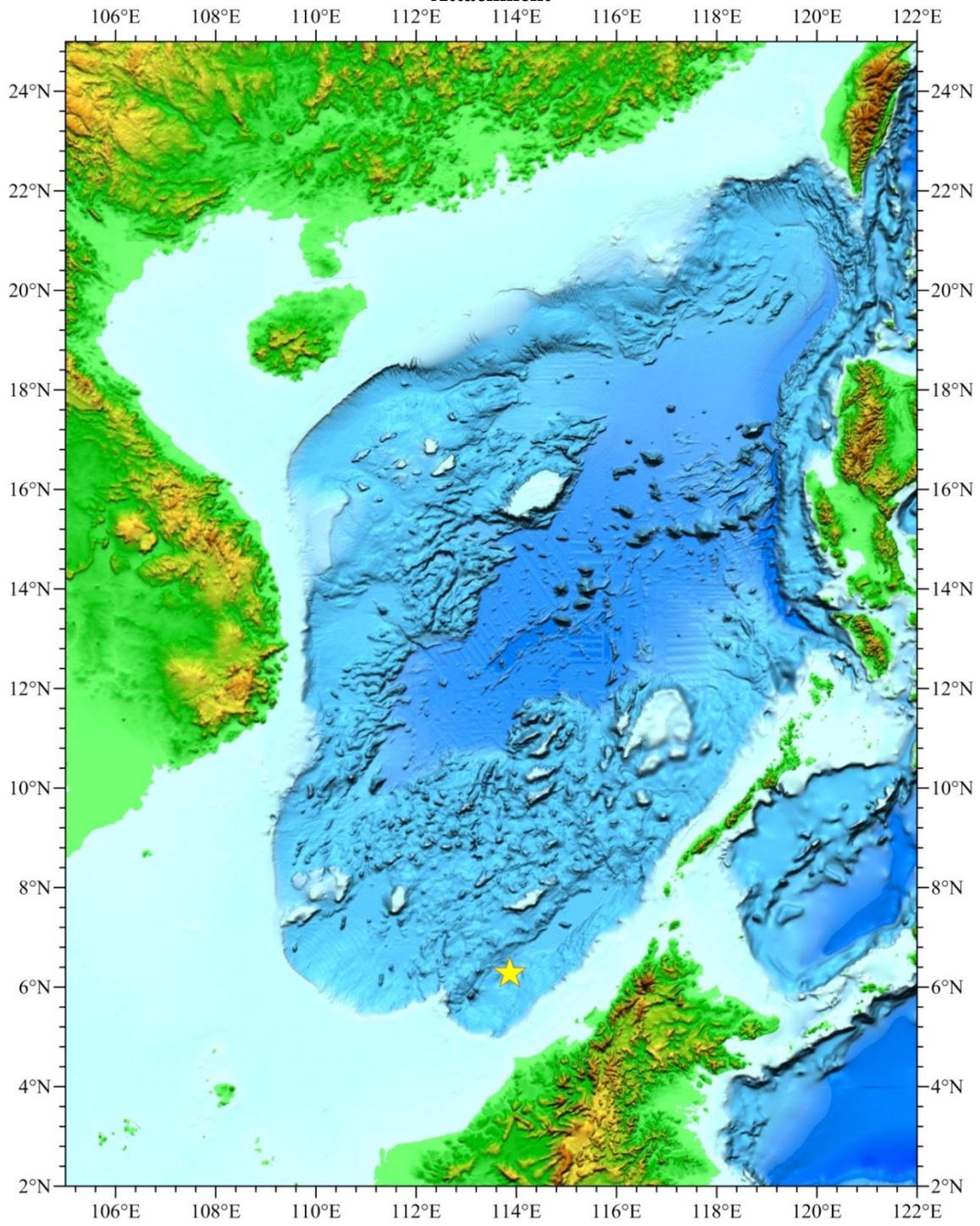


Fig.1 Index map showing the location of Jinghong Seamount

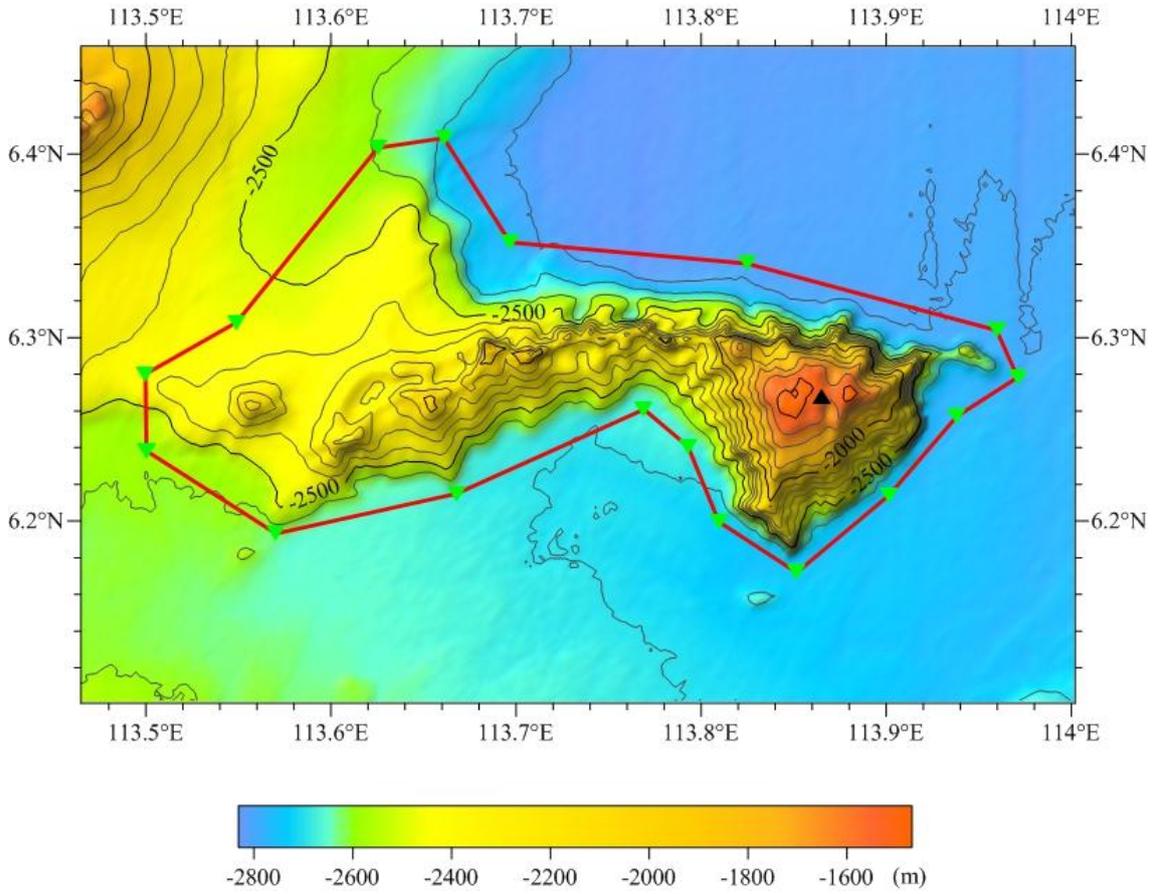


Fig.2 Bathymetric map of Jinghong Seamount (Contours are in 100 m)

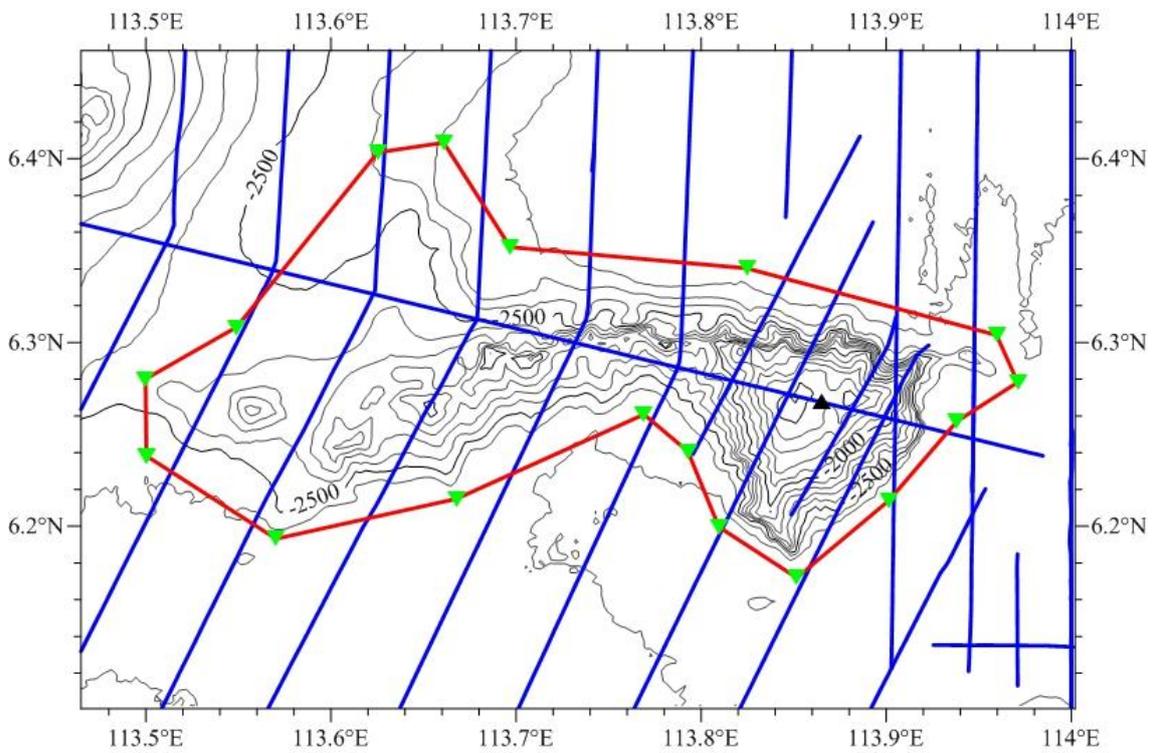


Fig.3 Bathymetric map of Jinghong Seamount overlain with track lines (Contours are in 100 m, blue lines for the track lines)

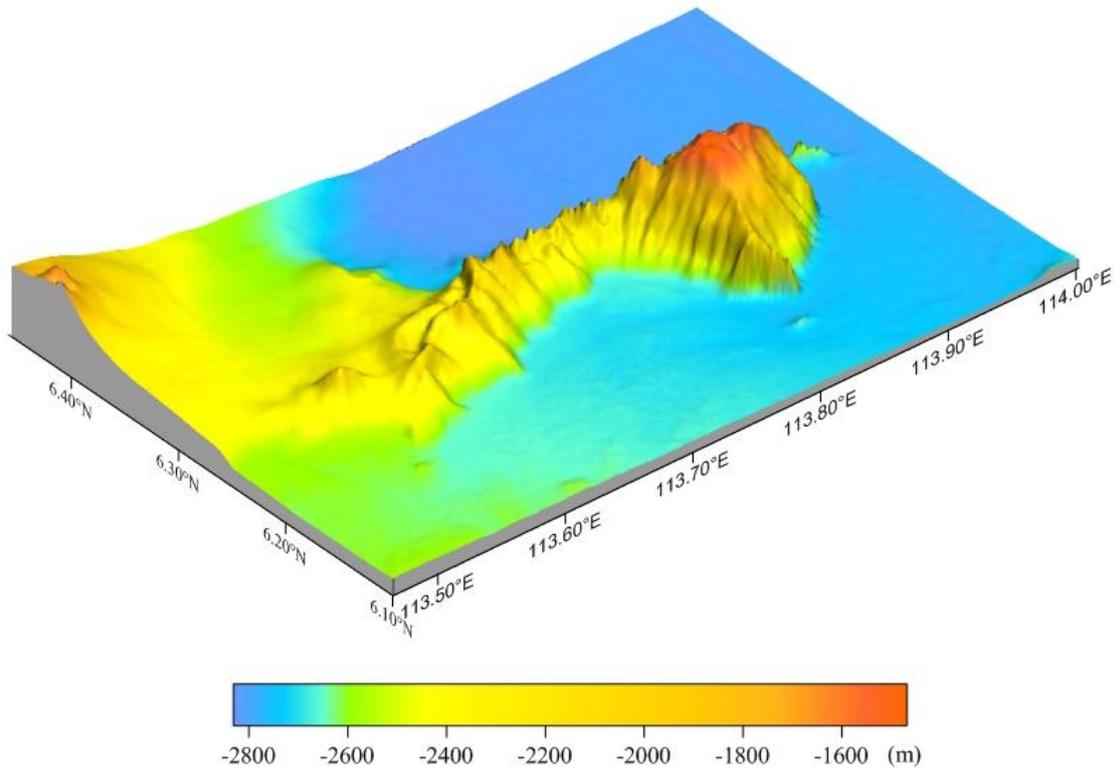


Fig.4 3-D bathymetric map of Jinghong Seamount

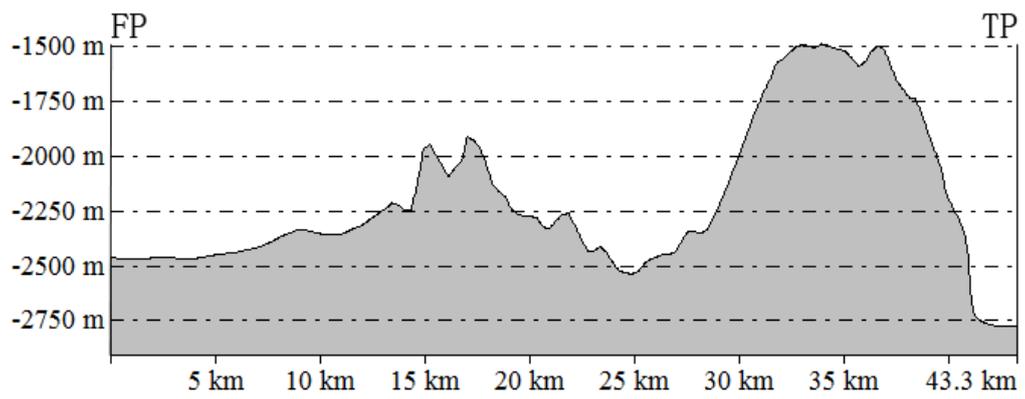
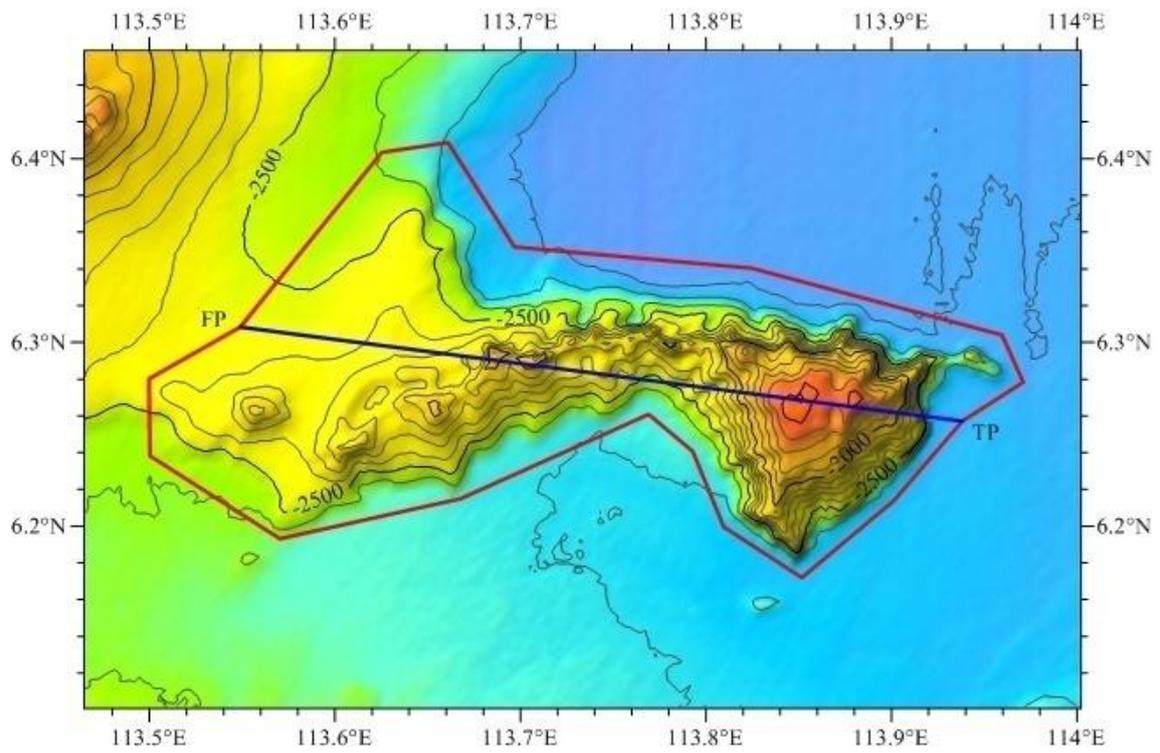


Fig.5 Profile map of Jinghong Seamount