

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Daoming 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°46.9'N (summit)	109°34.8'E (summit)
	06°42.0'N (bottom)	109°34.5'E (bottom)
	06°43.5'N	109°32.4'E
	06°50.3'N	109°33.0'E
	06°52.2'N	109°34.7'E
	06°56.1'N	109°36.6'E
	06°56.6'N	109°37.4'E
	06°55.9'N	109°37.7'E
	06°51.6'N	109°37.1'E
	06°48.6'N	109°38.2'E
	06°43.2'N	109°36.7'E
	06°42.0'N	109°34.5'E

Feature Description:	Maximum Depth:	1367m	Steepness :	5°-20°
	Minimum Depth :	85m	Shape :	Slightly elongated
	Total Relief :	1282m	Dimension/Size :	27km × 10km

Associated Features:	Daoming Seamount lies in the southern slope of the South China Sea. The top of this seamount is rather flat. Its northern part is characterized by a long and narrow ridge.
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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):	Liang Daoming (A.D. 14 th -15 th , the year of birth and death is unknown) was a local leader of Chinese residents in Samboja (ancient country name, including nowadays Malay Peninsula and Sunda Islands) in the Ming Dynasty of China. He was recruited by the Ming emperor for he contributed to Zheng He's voyages. The Seamount named after Daoming is to commemorate his contribution in China's navigation history.
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Discovery Facts:	Discovery Date:	2000
	Discoverer (Individual, Ship):	R/V Haiyang Sihao

Supporting Survey Data, including Track Controls:	Date of Survey:	2000-2001
	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:	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 Street, Xicheng District, Beijing, China, 100860 heyunxu@sina.com
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Attachment

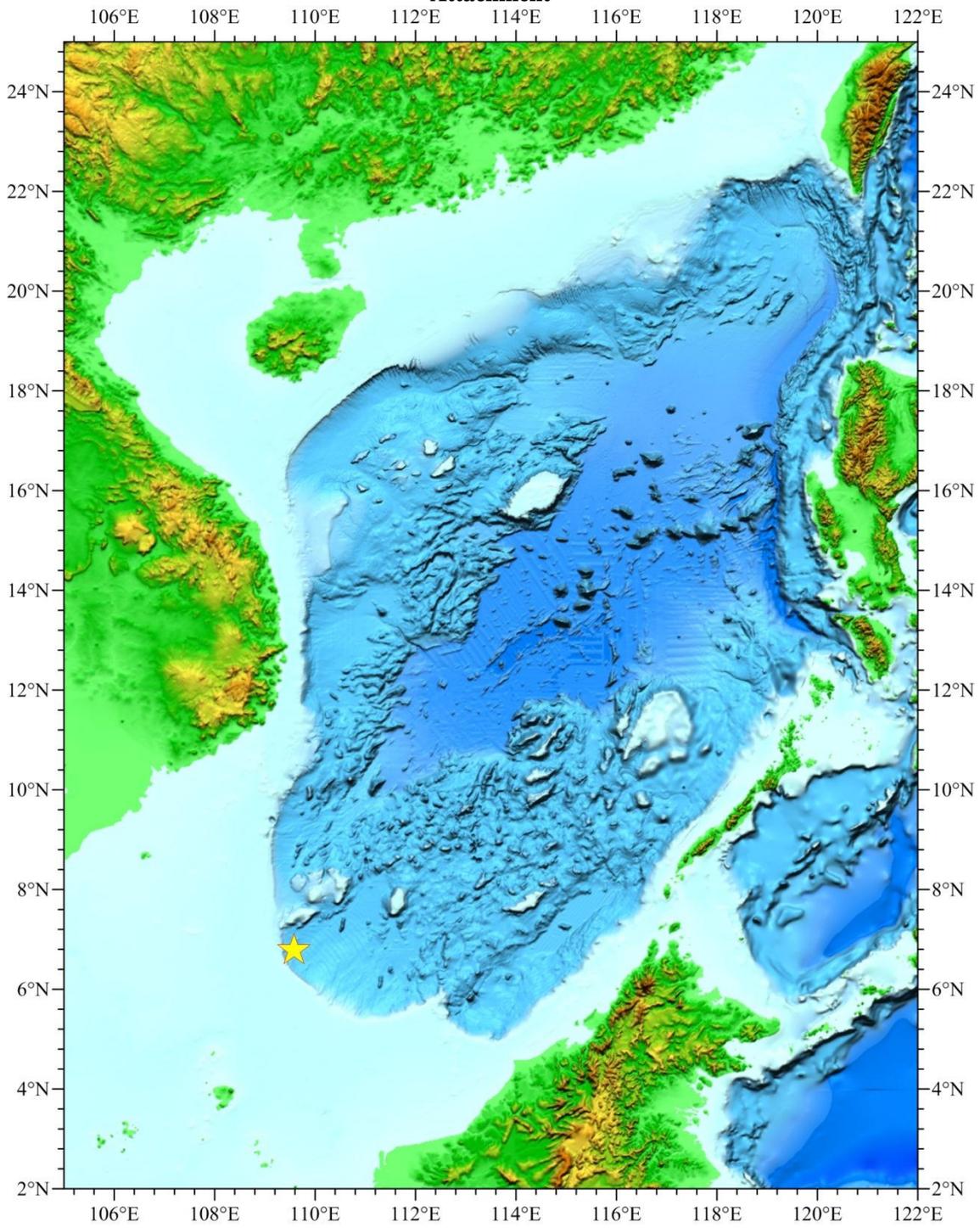


Fig.1 Index map showing the location of Daoming Seamount

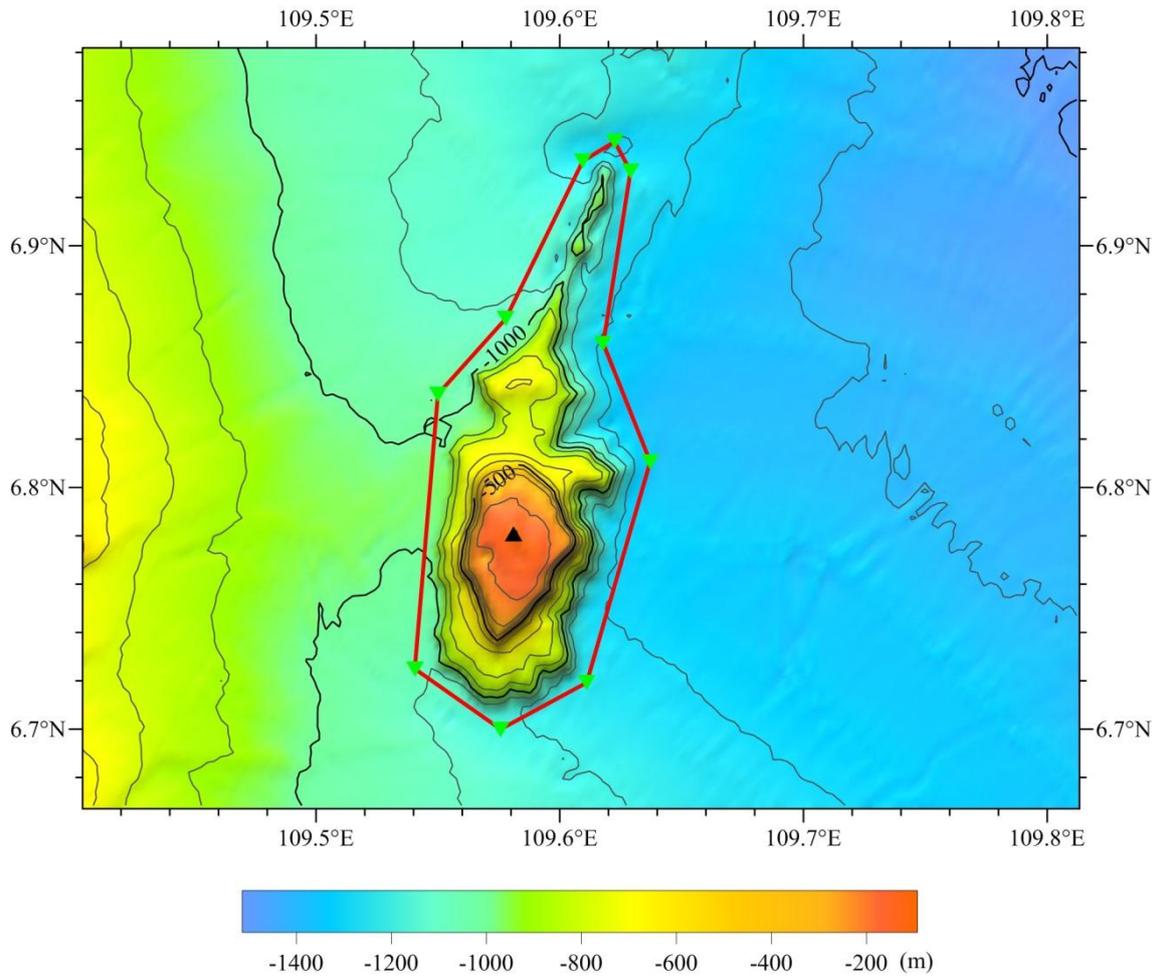


Fig.2 Bathymetric map of Daoming Seamount (Contours are in 100 m)

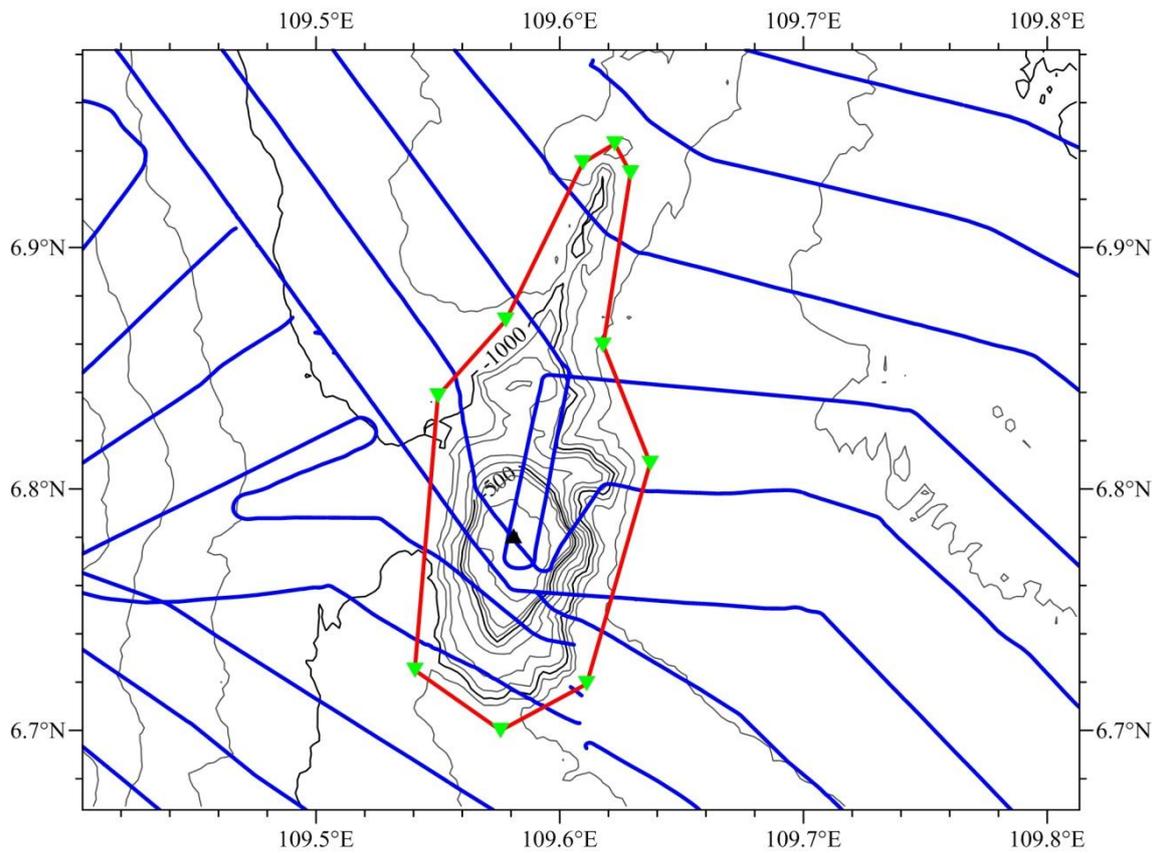


Fig.3 Bathymetric map of Daoming Seamount overlain with track lines
(Contours are in 100 m, blue lines for the track lines)

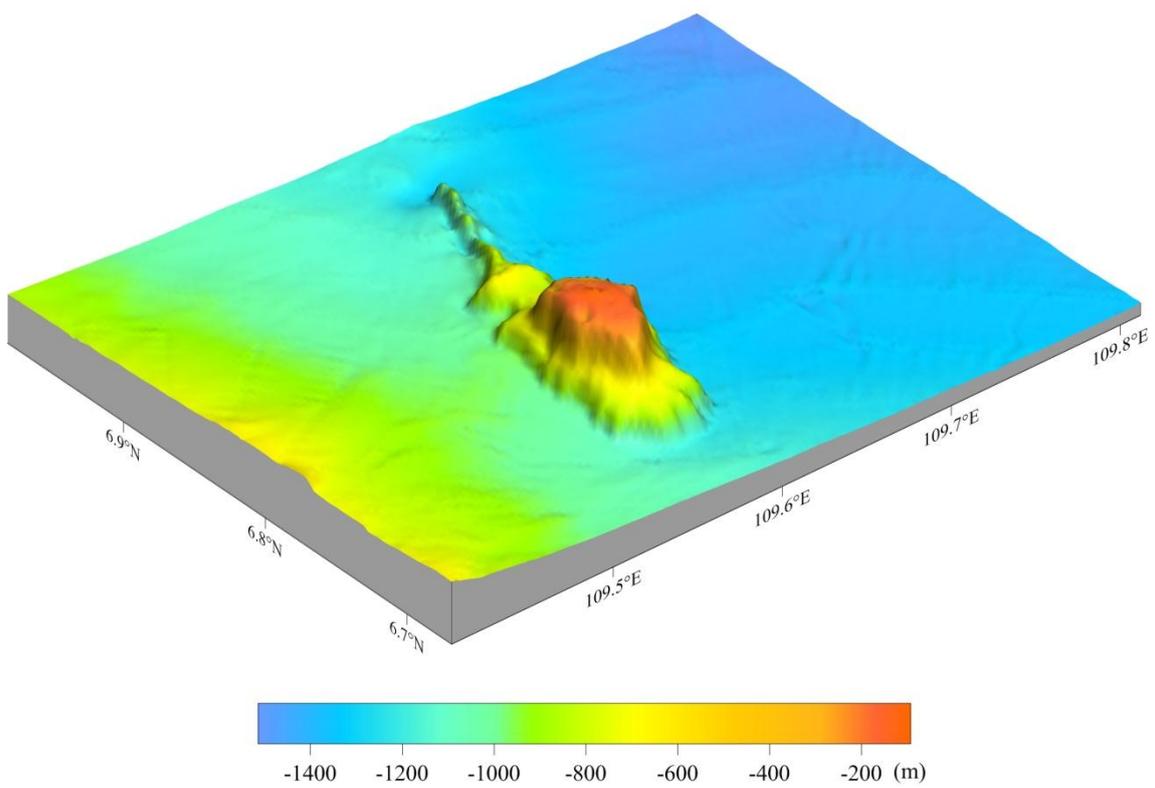


Fig.4 3-D bathymetric map of Daoming Seamount

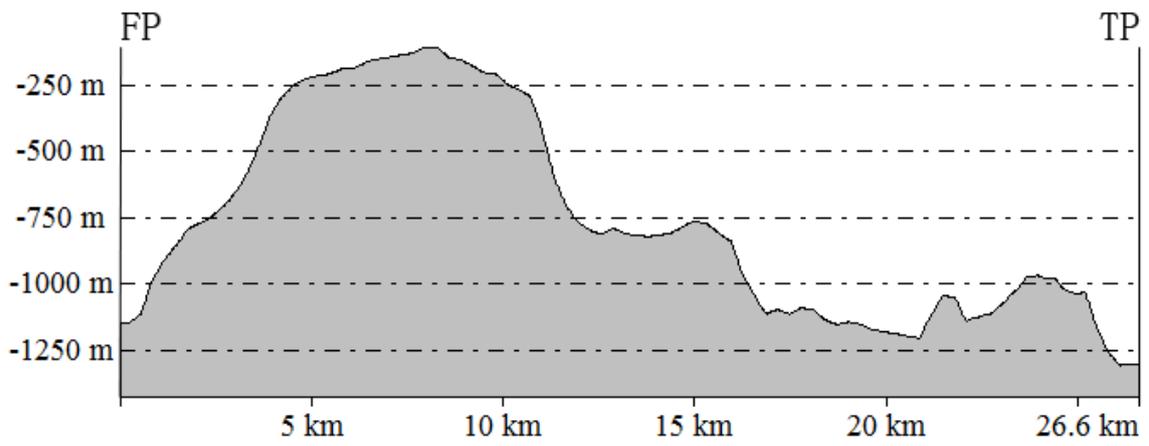
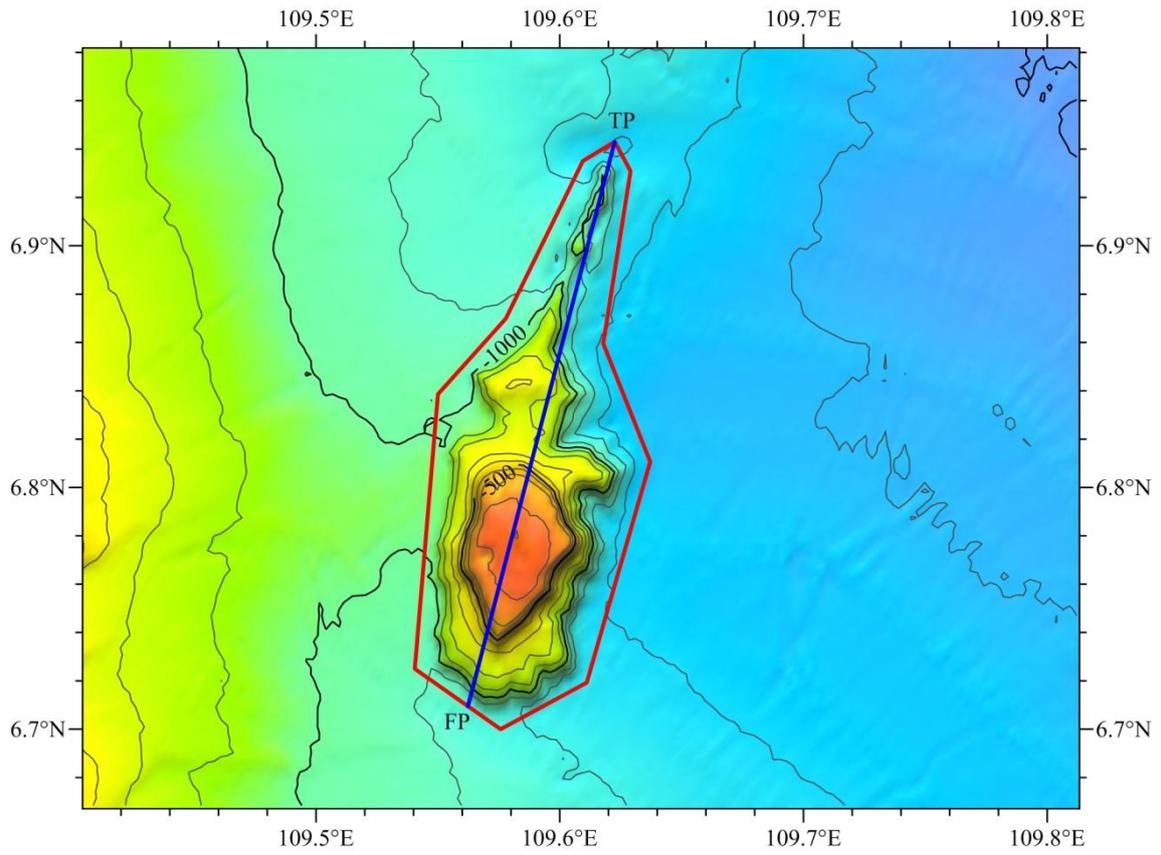


Fig.5 Profile map of Daoming Seamount