

UNDERSEA FEATURE NAME PROPOSAL
(SeaNOTE overleaf)

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

Name Proposed:	Daxitong Seamount	Ocean or Sea:	Eastern Pacific Ocean
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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:	10°04.5'N (top)	154°42.8'W (top)
	09°59.2'N (bottom)	154°39.2'W (bottom)
	10°01.2'N	154°42.5'W
	10°01.3'N	154°44.2'W
	10°01.6'N	154°45.7'W
	10°02.5'N	154°45.8'W
	10°02.6'N	154°45.8'W
	10°05.4'N	154°51.0'W
	10°04.5'N	154°51.9'W
	10°05.1'N	154°52.5'W
	10°08.5'N	154°52.8'W
	10°08.1'N	154°50.4'W
	10°09.8'N	154°50.1'W
	10°10.0'N	154°49.2'W
	10°09.4'N	154°48.6'W
	10°08.5'N	154°48.6'W
	10°09.9'N	154°46.7'W
	10°08.7'N	154°45.4'W
	10°09.3'N	154°44.2'W
	10°08.7'N	154°43.3'W
	10°06.9'N	154°42.0'W
	10°06.9'N	154°40.9'W
	10°04.1'N	154°40.5'W
10°03.5'N	154°39.6'W	
10°04.8'N	154°38.5'W	
10°04.0'N	154°37.0'W	
10°02.1'N	154°37.7'W	
09°59.6'N	154°38.0'W	
09°59.2'N	154°39.2'W	

Feature Description:	Maximum Depth:	5350 m	Steepness :	
	Minimum Depth :	4330 m	Shape :	
	Total Relief :	1020 m	Dimension/Size :	32km×13km

Associated Features:	Daxitong Seamount, 30km northwest of Weiyuan seamount, is NW-strike as a whole. The seamount is 32km long and 13km wide. The peak of seamount is 4330m deep under the water and the foothills is 5350m deep. Its elevation difference is 1020m.
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.07
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Daxitong(dates unknown), lived in Tang Dynasty in China, had set sail westbound and reached the southern part of Arabian Peninsula. 'Countries in Southern Asia'was his work. This seamount, named Daxitong, is to commemorate his significant contributions to history of Chinese marine navigation.
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Discovery Facts:	Discovery Date:	Sept. 1995
	Discoverer (Individual, Ship):	R/V Dayang Yihao

Supporting Survey Data, including Track Controls:	Date of Survey:	Sept. 1995
	Survey Ship:	R/V Dayang Yihao
	Sounding Equipment:	Seabeam2112.360
	Type of Navigation:	Sercel NR51 DGPS
	Estimated Horizontal Accuracy (nm):	≤0.08nm
	Survey Track Spacing:	5nm
Supporting material can be submitted as Annex in analog or digital form.		

Proposer(s):	Name(s):	China Ocean Mineral Resources R&D Association(COMRA)
	Date:	10 Sept. 2015
	E-mail:	comra@comra.org
	Organization and Address:	State Oceanic Administration, China No.1 Fuxingmenwai Ave. Beijing
	Concurrer (name, e-mail, organization and address):	

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 Ave. Beijing 100860 heyunxu@sina.com
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Attachment

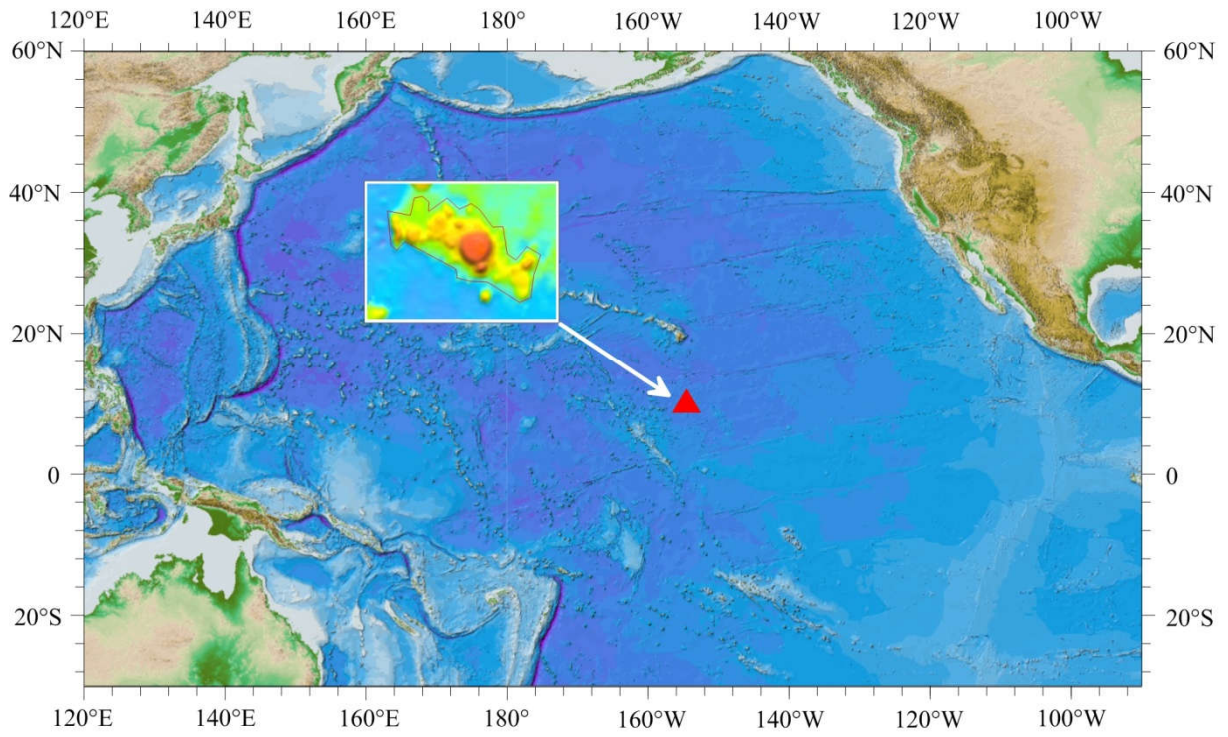


Fig1. Index map showing the location of Daxitong Seamount.

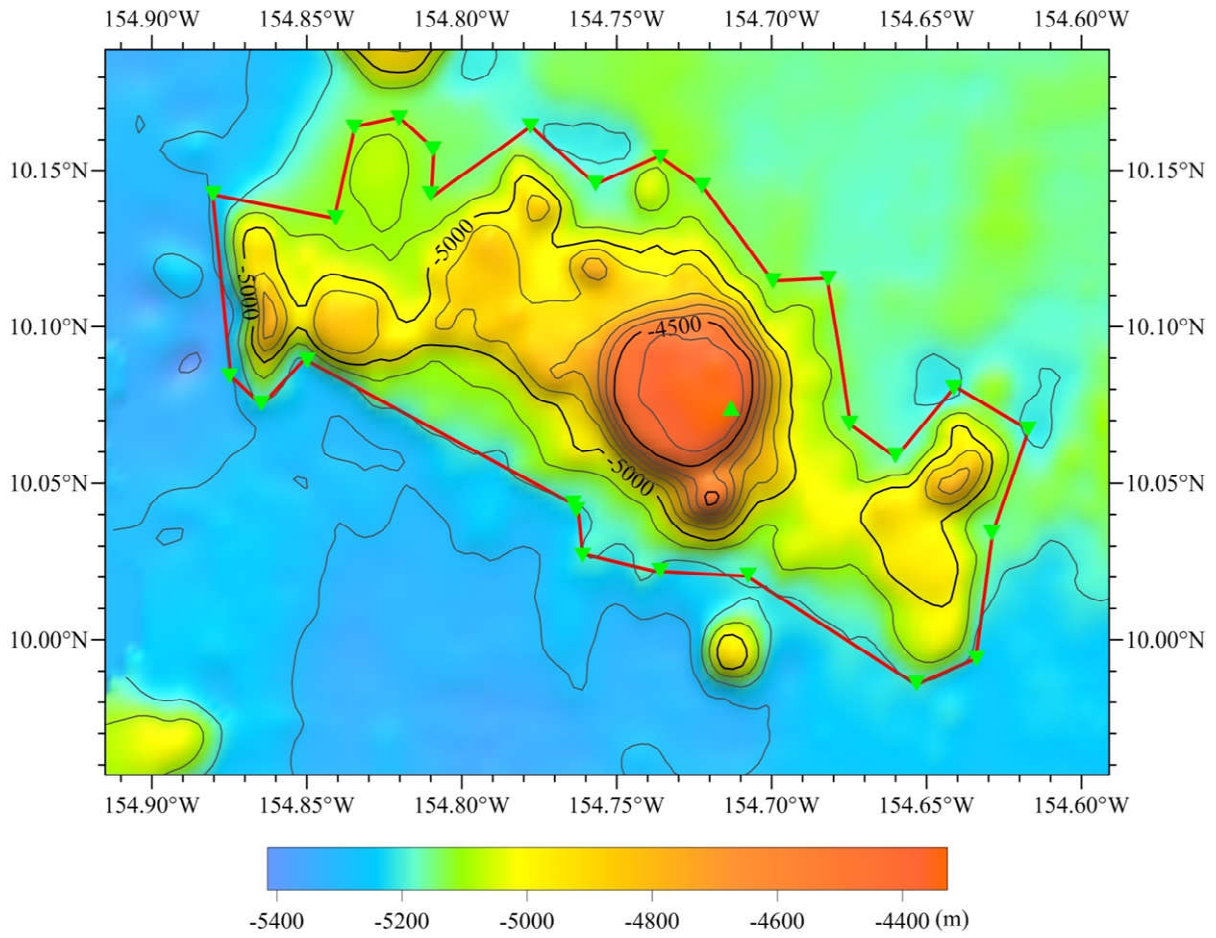


Fig2. Bathymetric map of Daxitong Seamount

(Contours are in 100 m)

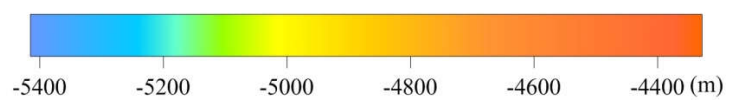
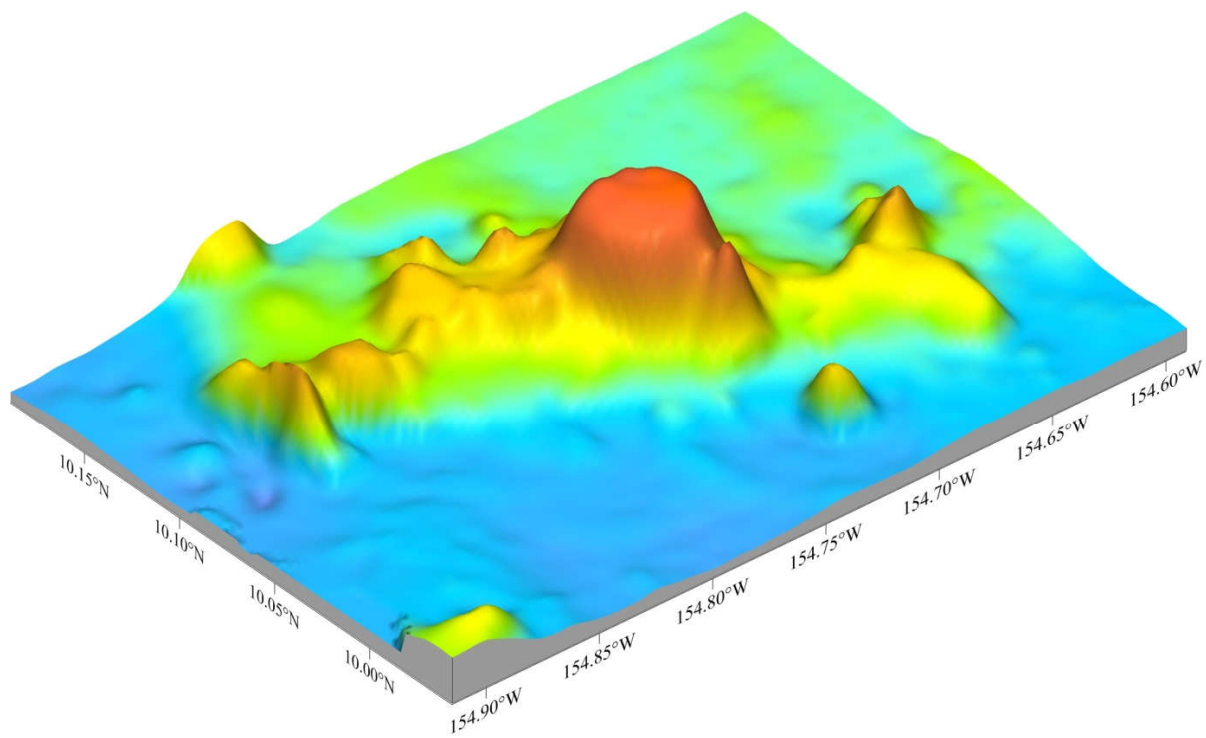


Fig 4. 3-D topography map of Daxitong Seamount

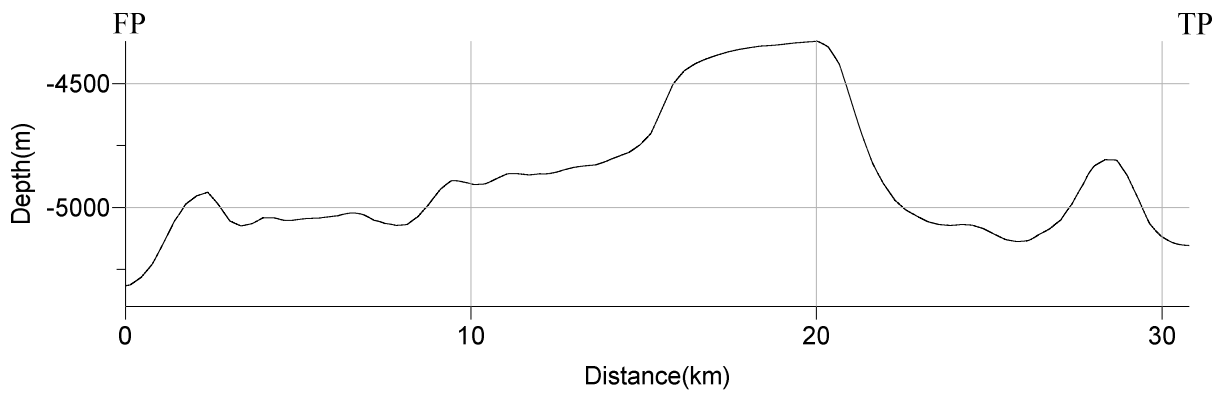
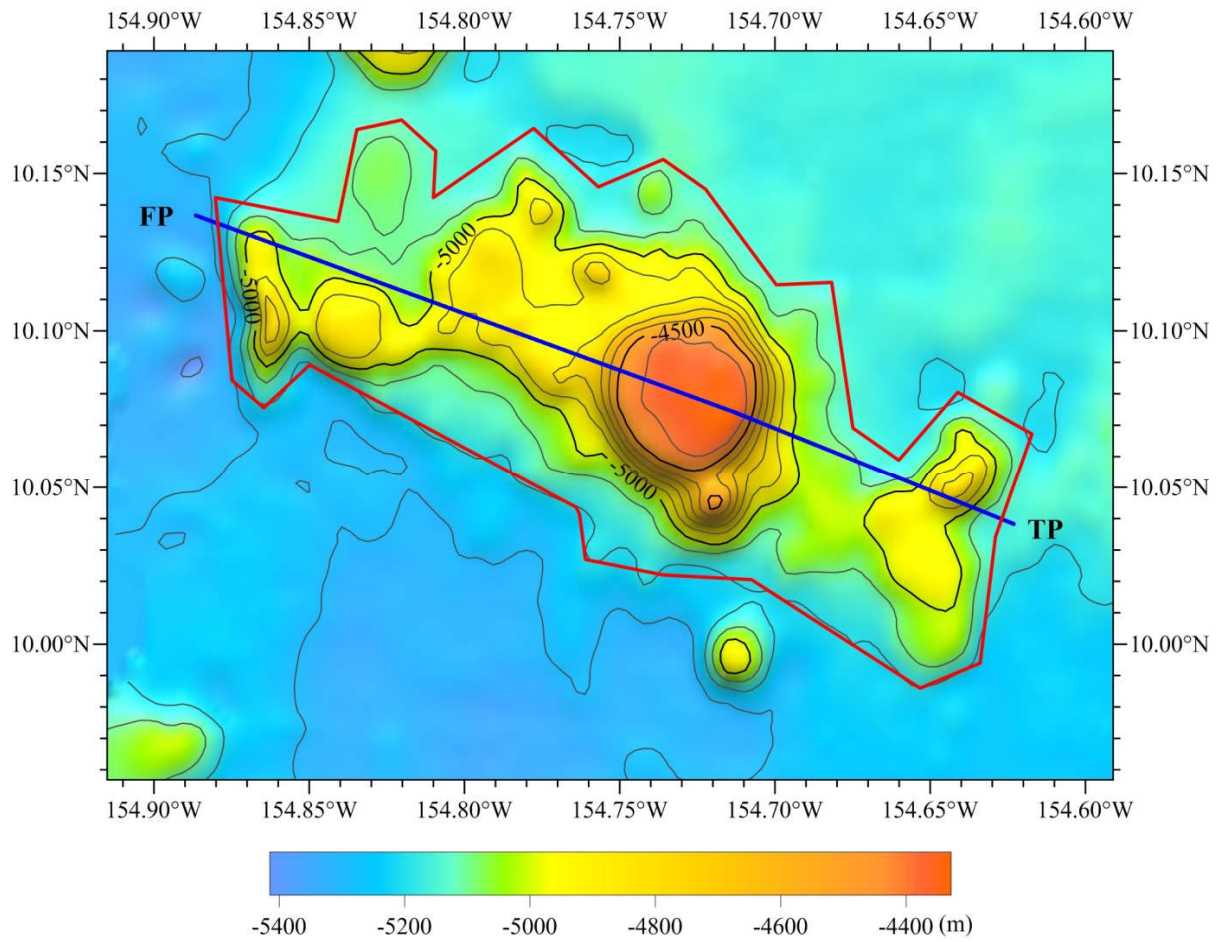


Fig.5 Bathymetric map and profile of Daxitong Seamount