

INTERNATIONAL HYDROGRAPHIC ORGANIZATION	INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)
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UNDERSEA FEATURE NAME PROPOSAL

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

Name Proposed:	BAI JU GUYOTS	Ocean or Sea:	Northwest Pacific Ocean
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Geometry that best defines the feature (Yes/No) :						
Point	Line	Polygon	Multiple Point s	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:	17°59.7'N (summit)	178°10.9'E (summit)
	17°59.7'N (summit)	178°30.4'E (summit)
	18°16.6'N (bottom)	178°02.4'E (bottom)
	18°11.9'N	177°52.9'E
	18°16.3'N	178°14.8'E
	18°13.3'N	178°48.1'E
	18°03.4'N	178°56.4'E
	17°52.3'N	179°07.7'E
	17°36.1'N	178°51.7'E
	17°42.4'N	178°23.2'E
	17°50.2'N	178°01.2'E
	18°02.9'N	177°49.7'E
	17°48.7'N	179°05.6'E

Feature Description:	Maximum Depth:	5000m	Steepness :	10°
	Minimum Depth :	1600m	Shape :	Oval
	Total Relief :	3400m	Dimension/Size :	140 km ×80 km

Associated Features:	Classified as mid-pacific seamounts, with west-east extension, composed by two nearly coniform main guyots connected by the saddle.
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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):	BAI JU means white horse in Chinese language. BAI JU is the title of a poem in "SHI JING·XIAO YA" (an ancient book of poems) describing the reluctant parting among friends. This poem described that the host tried to tie down the white horse BAI JU of the guest. Tying down the horse is for keeping the guest to stay. The poem is outpouring the warm and sincere hospitality of the host. BAI JU GUYOTS is named for its shape similar to the horse BAI JU.
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Discovery Facts:	Discovery Date:	Nov. 1998
	Discoverer (Individual, Ship):	R/V Dayang Yihao

Supporting Survey Data, including Track Controls:	Date of Survey:	Nov. 1998
	Survey Ship:	R/V Dayang Yihao
	Sounding Equipment:	SeaBeam 2112.360 system
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	0.08nm
	Survey Track Spacing:	Main survey line 5', development survey line 2.5'
	Supporting material can be submitted as Annex in analog or digital form. See Attachments	

Proposer(s):	Name(s):	Zhanhai ZHANG
	Date:	12 August 2011
	E-mail:	heyunxu@hotmail.com
	Organization and Address:	State Oceanic Administration, China No.1 Fuxingmenwai Ave. Beijing

Remarks:	
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Attachments:

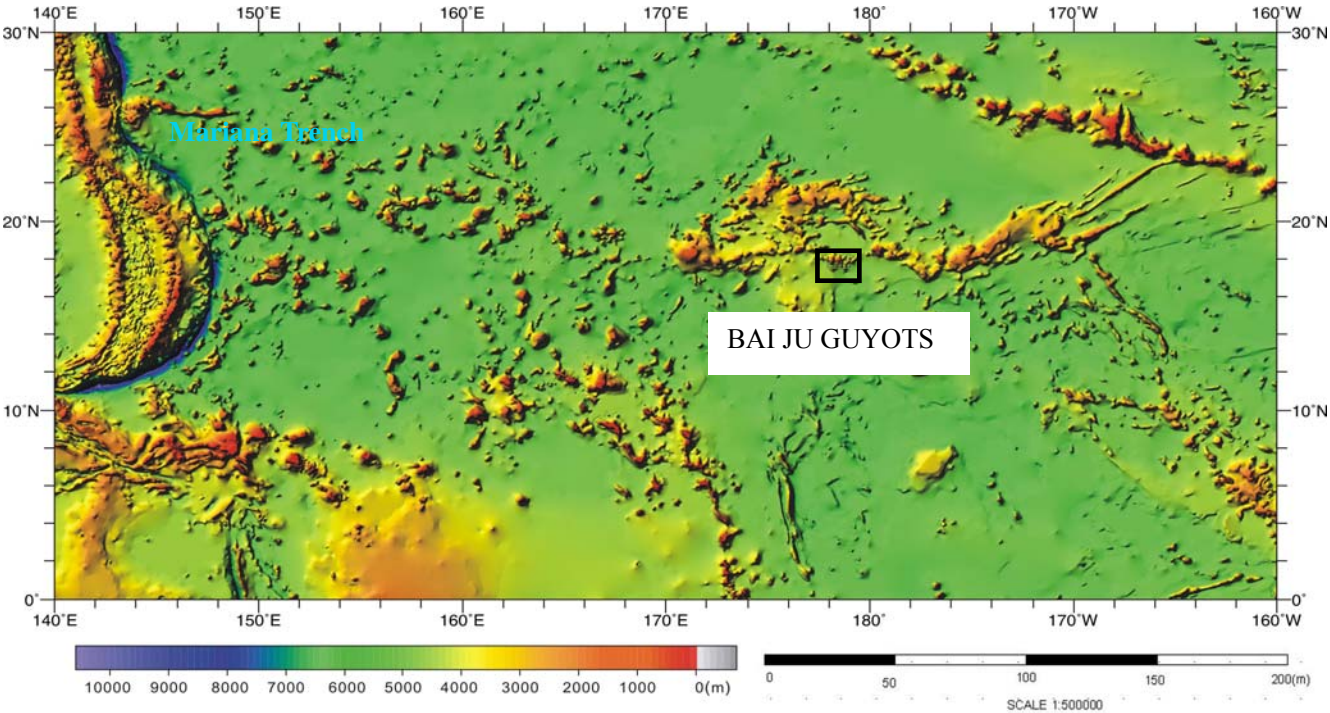


Fig.1 Index map showing the location of the BAI JU GUYOTS

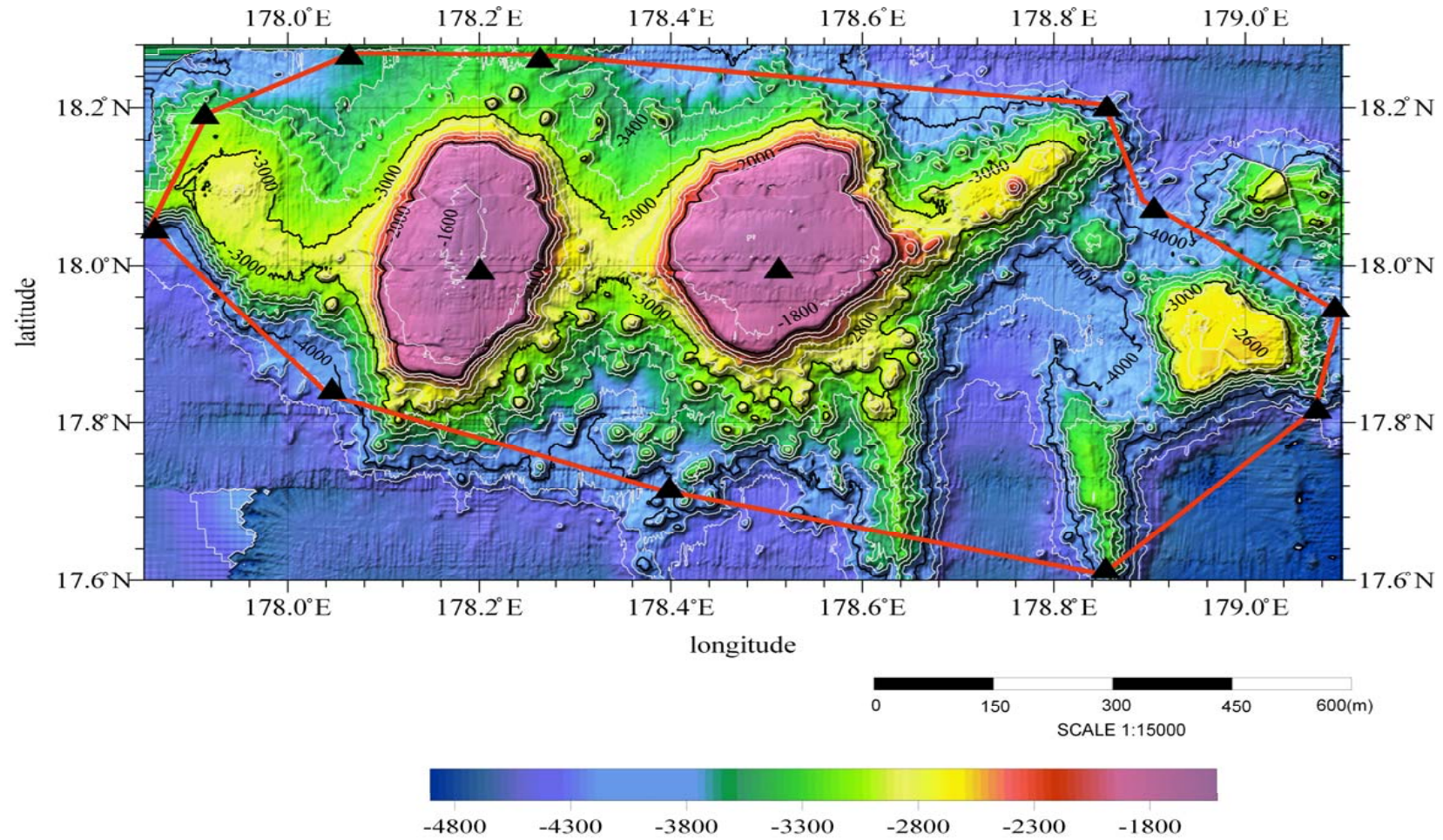


Fig. 2 Contour map of the BAI JU GUYOTS. (Contours are in 200m)

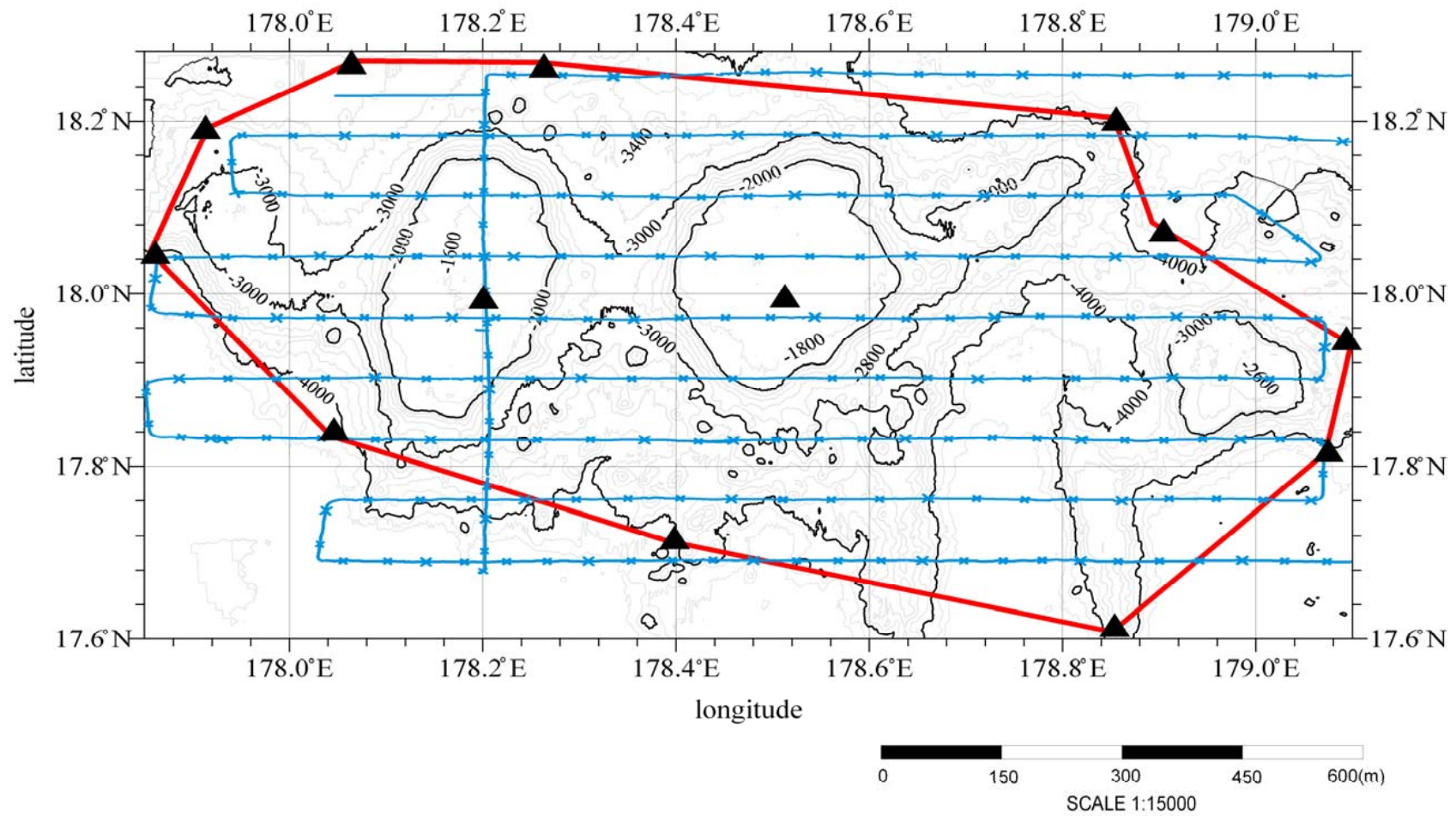


Fig.3 Bathymetric map of the BAI JU GUYOTS, showing track lines. (Contours are in 200m)

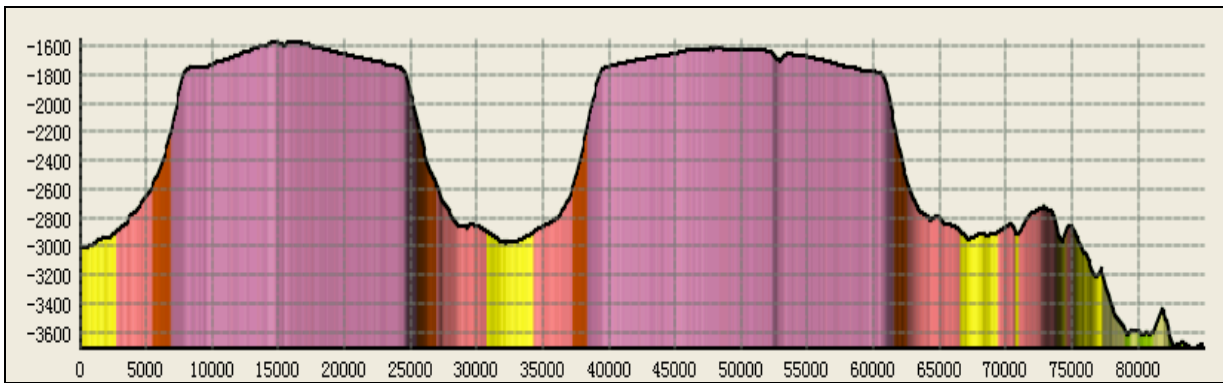
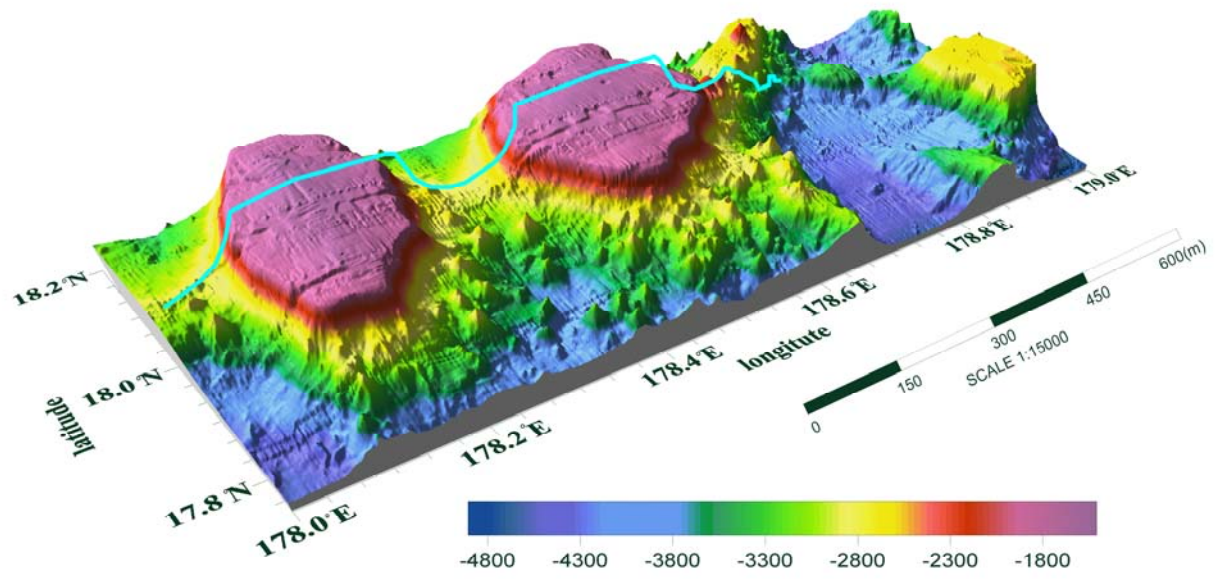


Fig.4 3-D bathymetric map and profile of the BAI JU GUYOTS.