

**INTERNATIONAL HYDROGRAPHIC
ORGANIZATION**

**INTERGOVERNMENTAL
OCEANOGRAPHIC
COMMISSION (of UNESCO)**

UNDERSEA FEATURE NAME PROPOSAL

(Sea **NOTE** overleaf)

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

Name Proposed:	Jiahui Seamount	Ocean or Sea:	East 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:	08°29.8'N (summit)	144°24.3'W (summit)
	08°30.5'N (bottom)	144°22.5'W (bottom)
	08°28.4'N	144°23.1'W
	08°28.0'N	144°25.0'W
	08°29.1'N	144°26.2'W
	08°30.0'N	144°26.6'W
	08°31.1'N	144°27.4'W
	08°32.0'N	144°26.8'W
	08°31.5'N	144°25.9'W
	08°32.3'N	144°24.7'W
	08°32.2'N	144°23.3'W
08°30.5'N	144°22.5'W	

Feature Description:	Maximum Depth:	5360m	Steepness :	
	Minimum Depth :	4265m	Shape :	
	Total Relief :	1095m	Dimension/Size :	8km × 7km

Associated Features:	This seamount lies in the abyssal plain, its shape is roughly cylindrical and its top is relatively flat.
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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):	Jiahui is from a poem in “Shi Jing Xiao Ya” (an ancient book of poems)--“On mountains, trees grow grand and fair; Chestnuts here, and plum trees there”. This verse means beautiful flowers and trees flourish over the hills. Jiahui means beautiful flowers. This seamount is named Jiahui to praise the nature of ancient Chinese people.
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Discovery Facts:	Discovery Date:	Aug. 1995
	Discoverer (Individual, Ship):	R/V Dayang Yihao

Supporting Survey Data, including Track Controls:	Date of Survey:	Aug. 1995
	Survey Ship:	R/V Dayang Yihao
	Sounding Equipment:	Multi-beam sounding system (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):	Haiwen Zhang
	Date:	14 May 2014
	E-mail:	heyunxu@sina.com
	Organization and Address:	Sub Committee on Undersea Feature Names of China Committee on Geographical Names No.1 Fuxingmenwai Ave. Beijing

Remarks:	
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Attachment

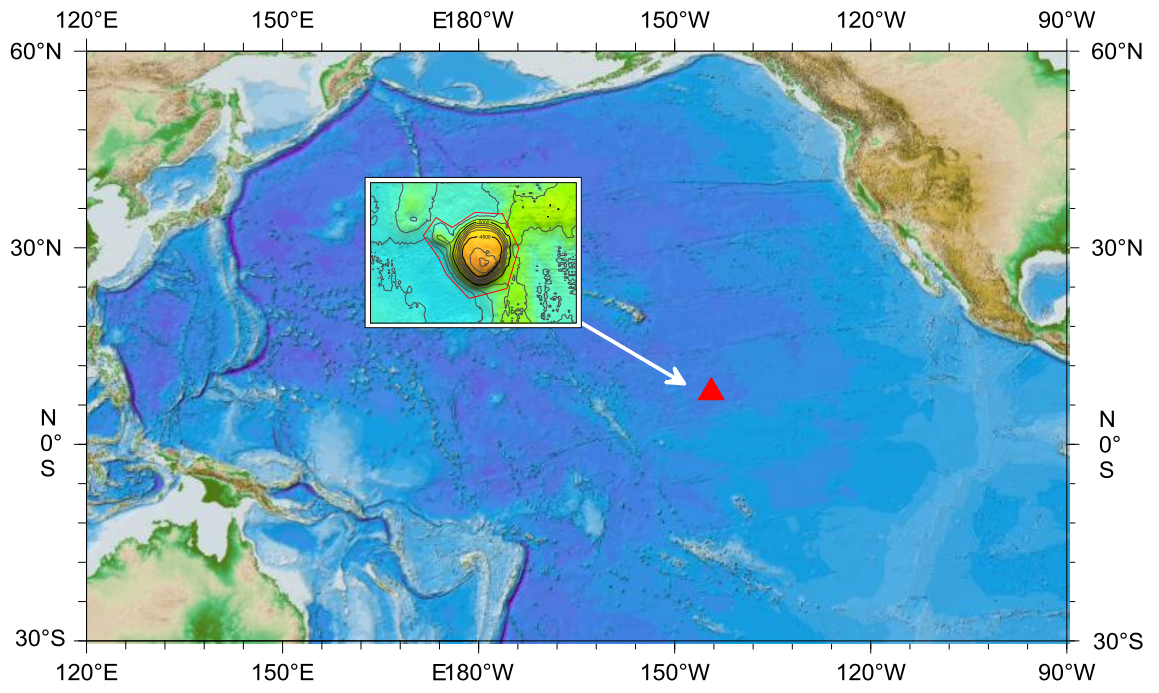


Fig.1 Index map showing the location of the Jiahui Seamount.

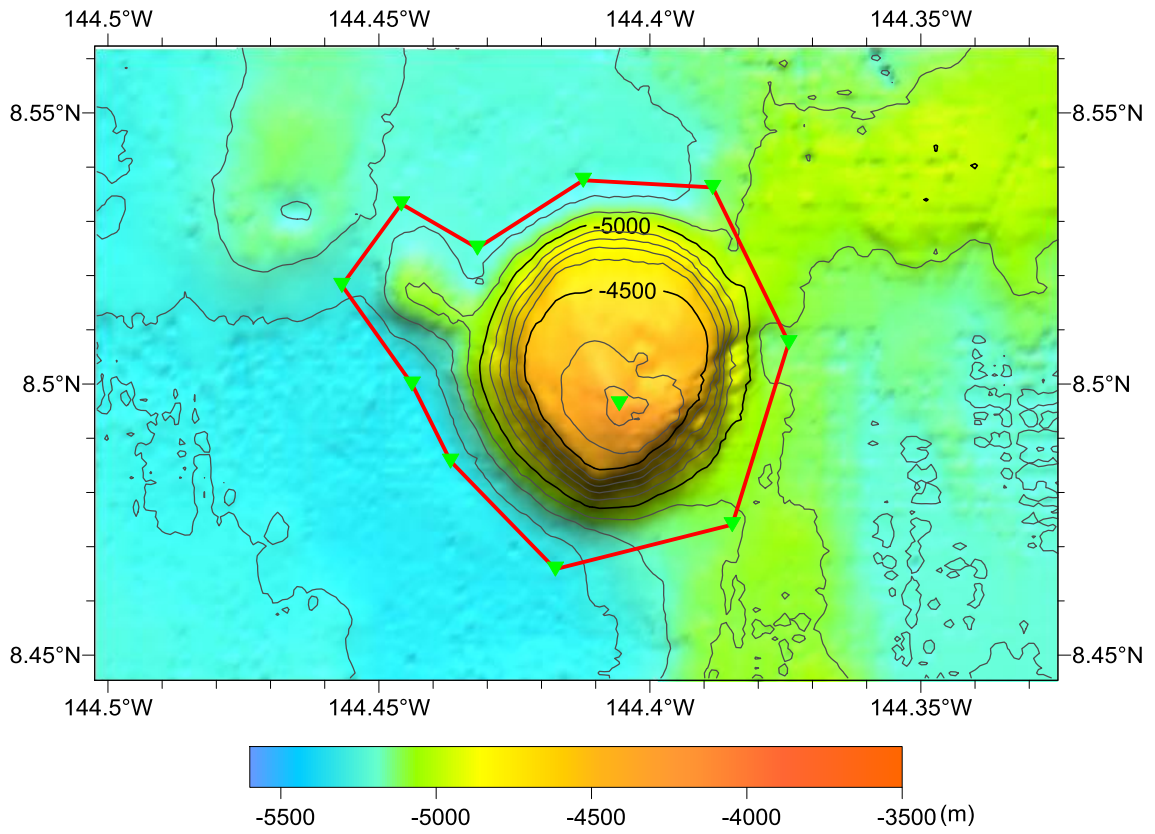


Fig.2 Bathymetric map of the Jiahui Seamount. (Contours are in 100 m)

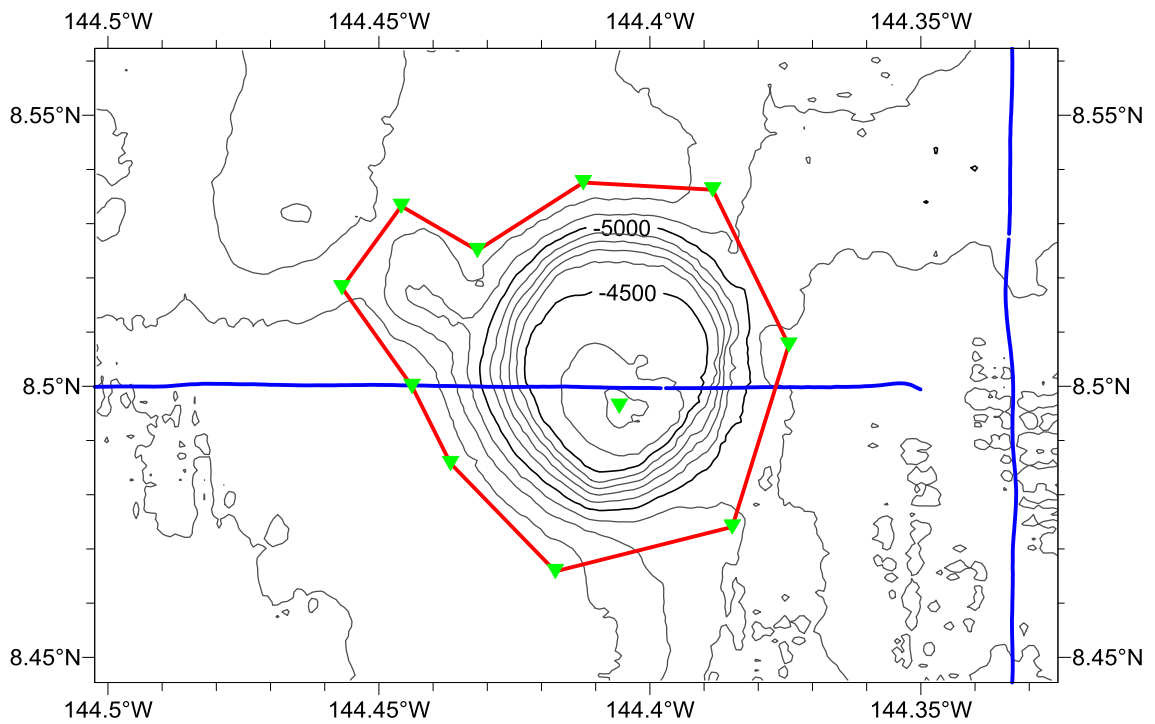


Fig.3 Bathymetric map of the Jiahui Seamount, showing track lines.
(Contours are in 100 m, blue lines for the track lines)

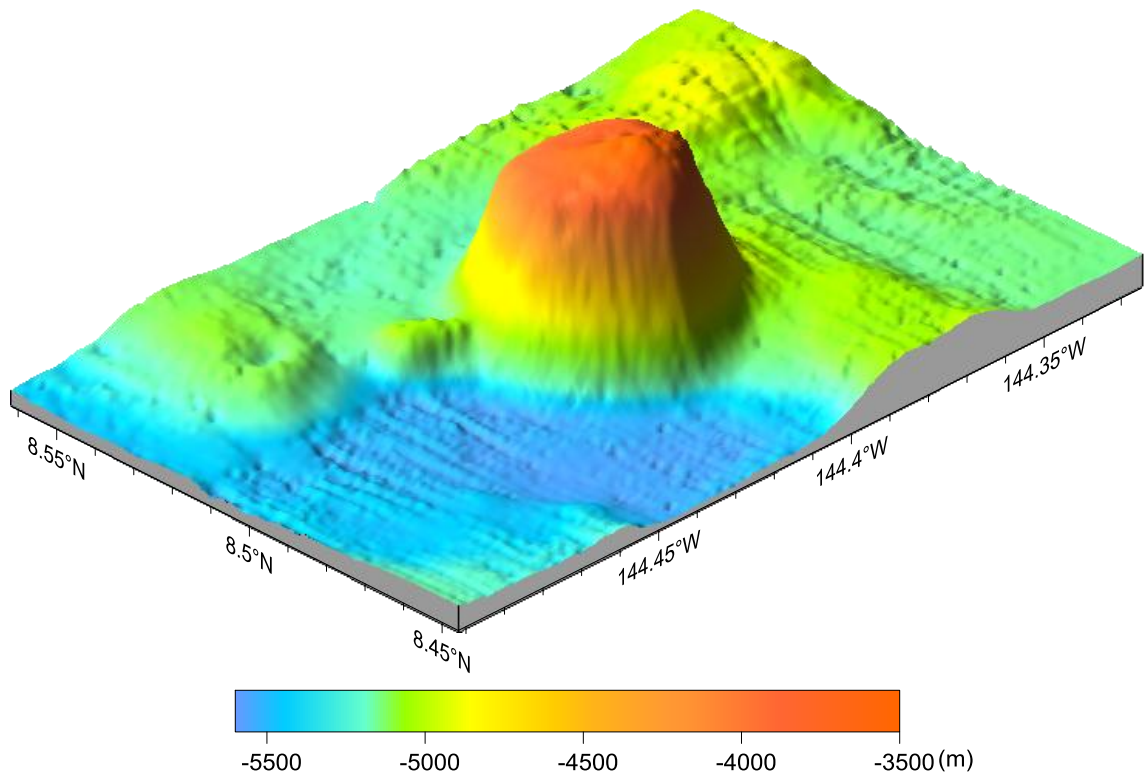


Fig.4 3-D bathymetric map of the Jiahui Seamount.

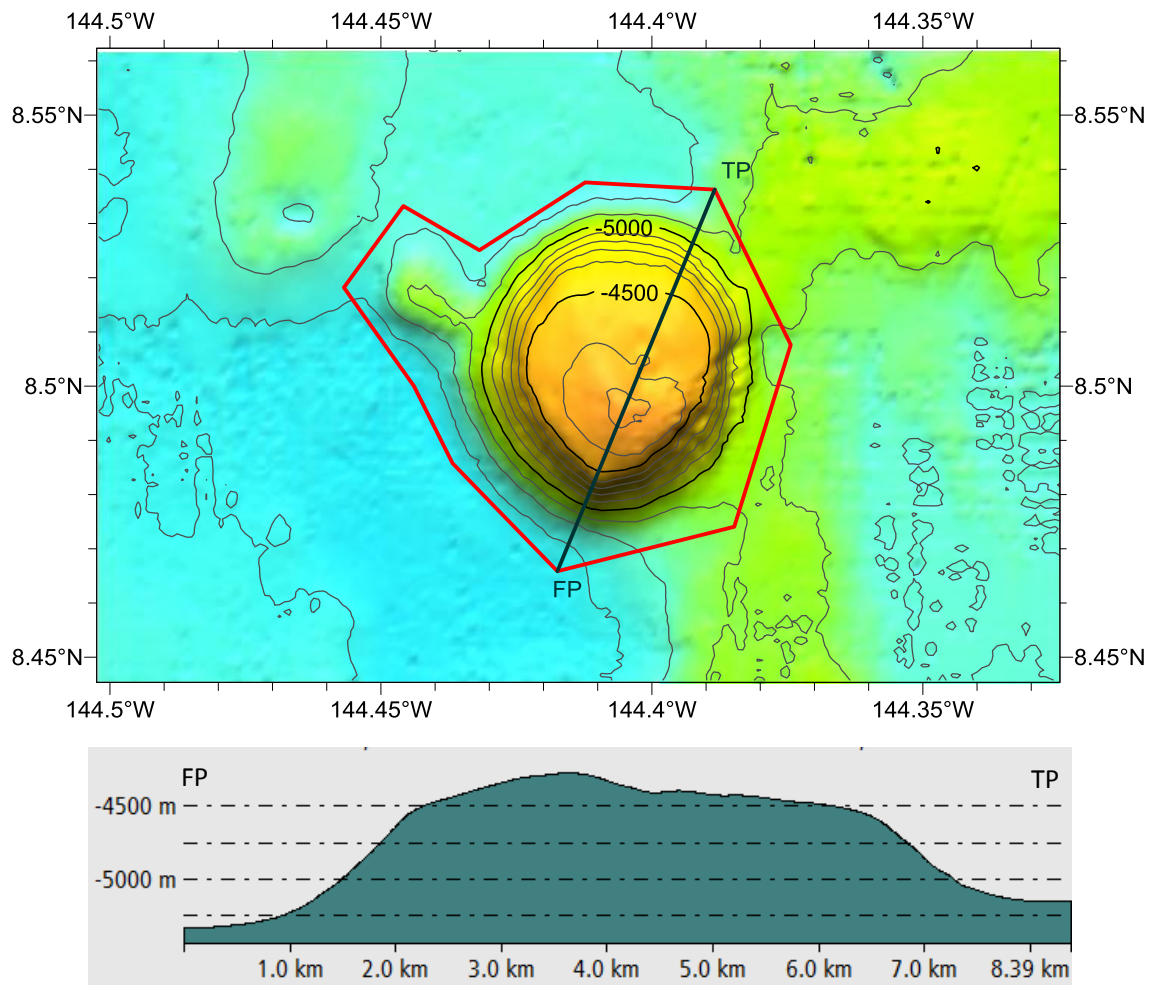


Fig.5 Profile map of the Jiahui Seamount.