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:	**Risheng Guyot**	**Ocean or Sea:**	**Northwest Pacific Ocean**

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:	20°42.6′N(Summit) 20°48.6′N 20°47.0′N 20°43.1′N 20°39.4′N 20°37.8′N 20°38.0′N 20°43.1′N 20°47.9′N 20°45.3′N	127°44.1′E(Summit) 127°40.8′E 127°38.1′E 127°37.0′E 127°38.3′E 127°42.5′E 127°47.8′E 127°49.3′E 127°44.9′E 127°48.4′E

Feature Description:	Maximum Depth:	5200m	Steepness :	
	Minimum Depth :	3147m	Shape :	
	Total Relief :	2053m	Dimension/Size :	23km×21km

Associated Features:	On the southwest of Qingyuan Seamounts and Ruiyun Seamount, which China proposed this year.

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)**:**	The word "Risheng" comes from the name of a traditional building Tulou in Fujian Province of China. The guyot has a similar shape with the Risheng Tulou. And also Risheng in Chinese language means sunrise.

Discovery Facts:	Discovery Date:	Oct. 2004
	Discoverer (Individual, Ship):	R/V Dayang Yihao

Supporting Survey Data, includingTrack Controls:	Date of Survey:	Oct. 2004
	Survey Ship:	R/V Dayang Yihao
	Sounding Equipment:	Multi-beam sounding system（EM120）
	Type of Navigation:	SEASTAR 3100LRS WAD DGPS
	Estimated Horizontal Accuracy (nm):	0.0054nm higher
	Survey Track Spacing:	3nm
	Supporting material can be submitted as Annex in analog or digital form: See Attachments	

Proposer(s):	Name(s):	Zhanhai ZHANG
	Date:	22 Sept. 2012
	E-mail:	heyunxu@hotmail.com
	Organization and Address:	State Oceanic Administration, China No.1 Fuxingmenwai Ave. Beijing

Remarks:	

Attachments:

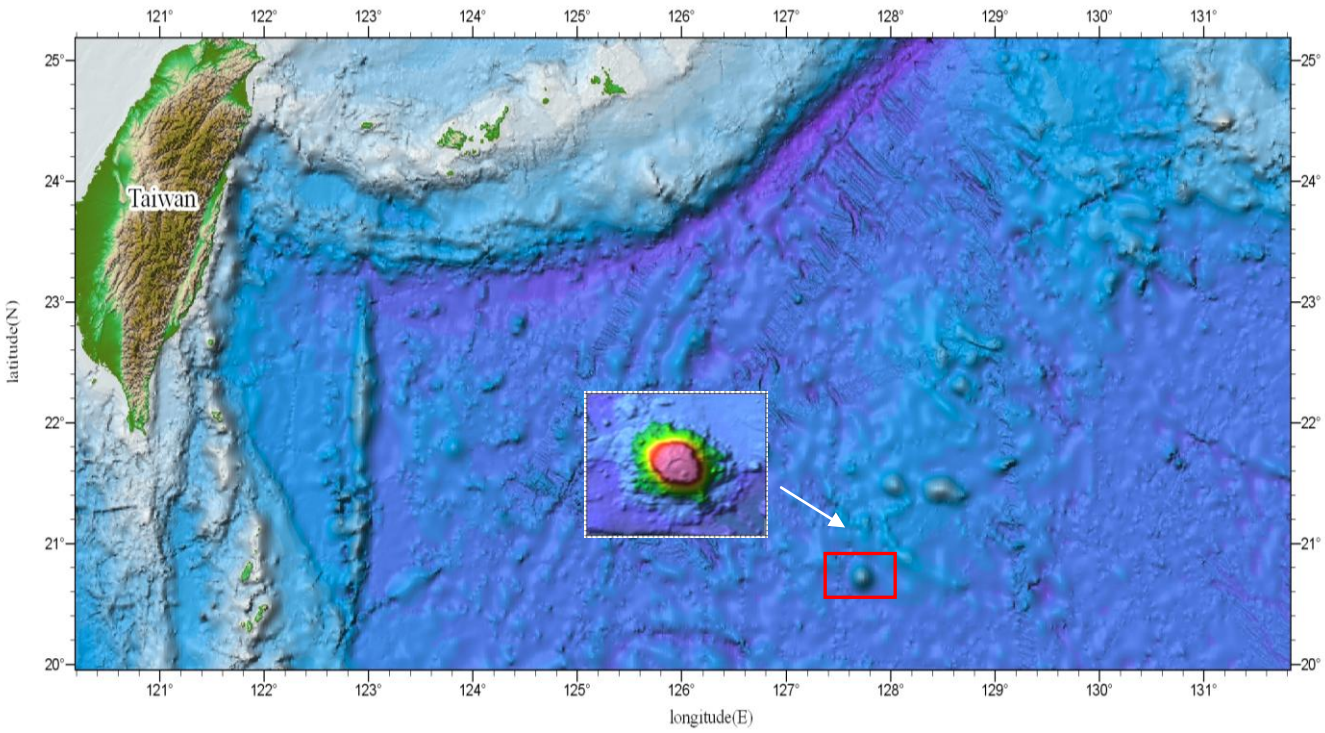

Fig.1. Index map showing the location of Risheng Guyot

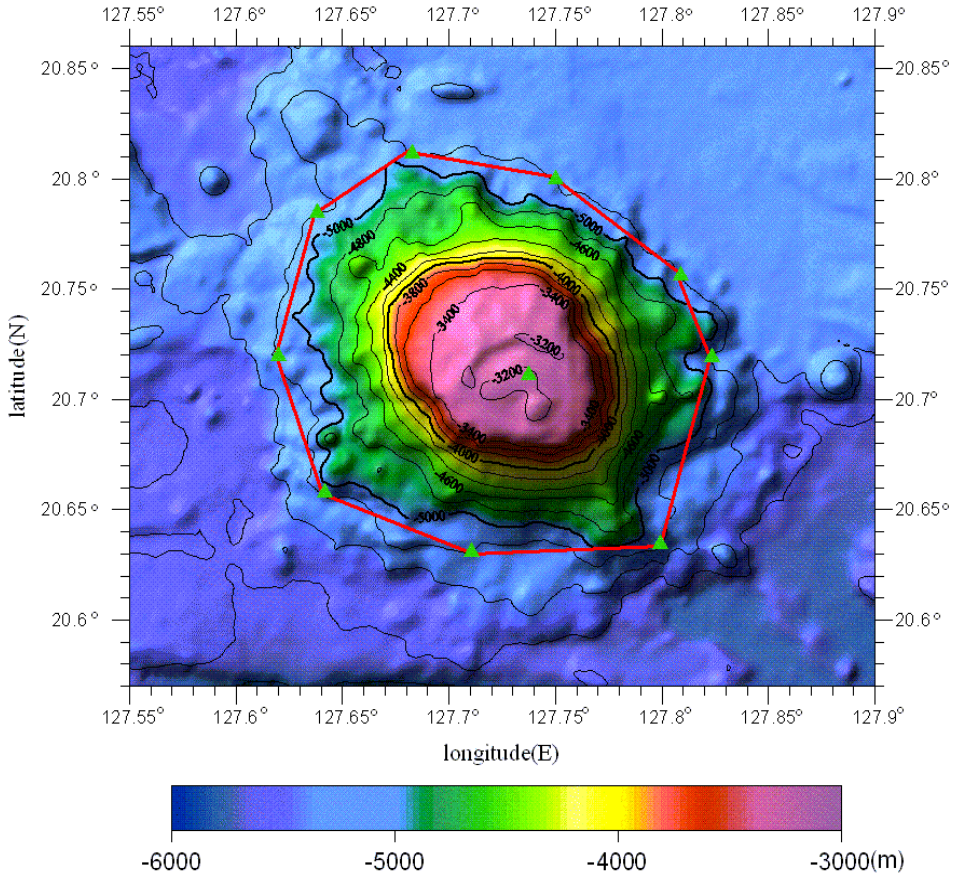

Fig.2. Bathymetric map of Risheng Guyot. Contours are in 200 m

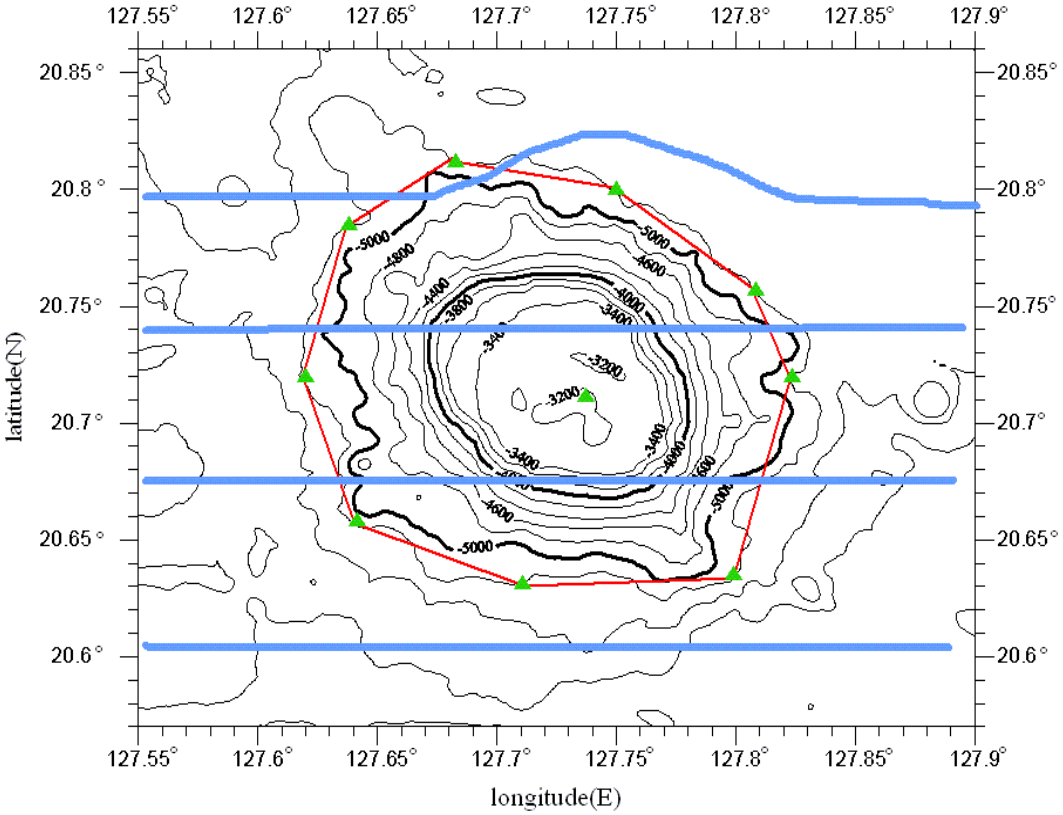

Fig.3. Bathymetric map of Risheng Guyot, showing track lines. Contours are in 200 m

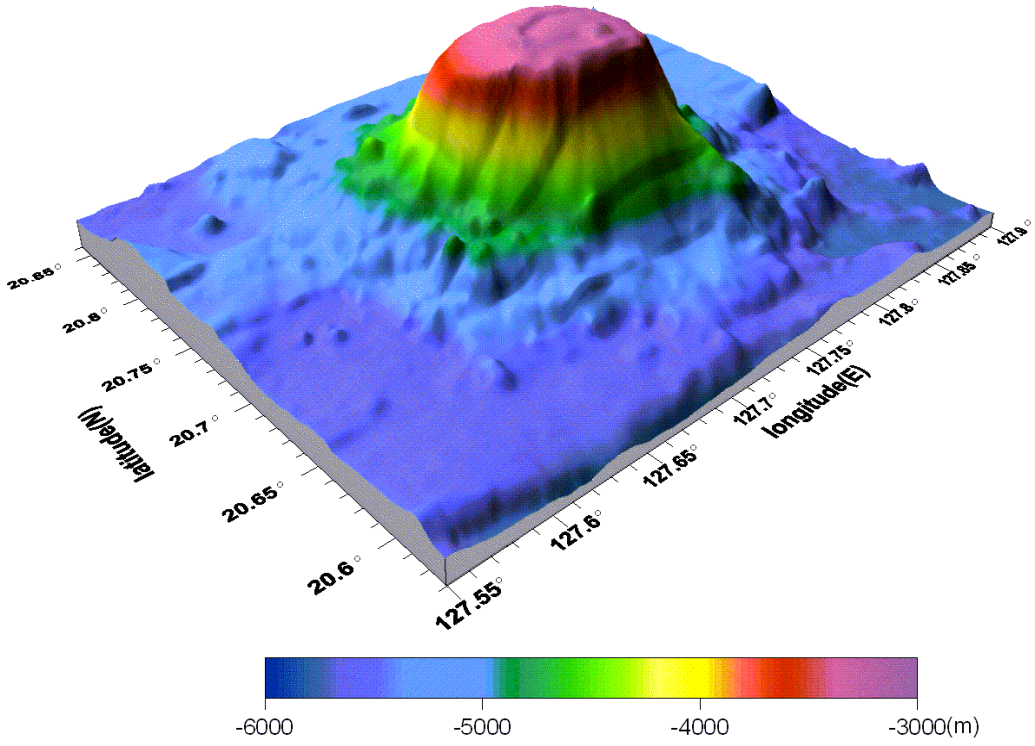

Fig.4. 3-D bathymetric map of Risheng Guyot

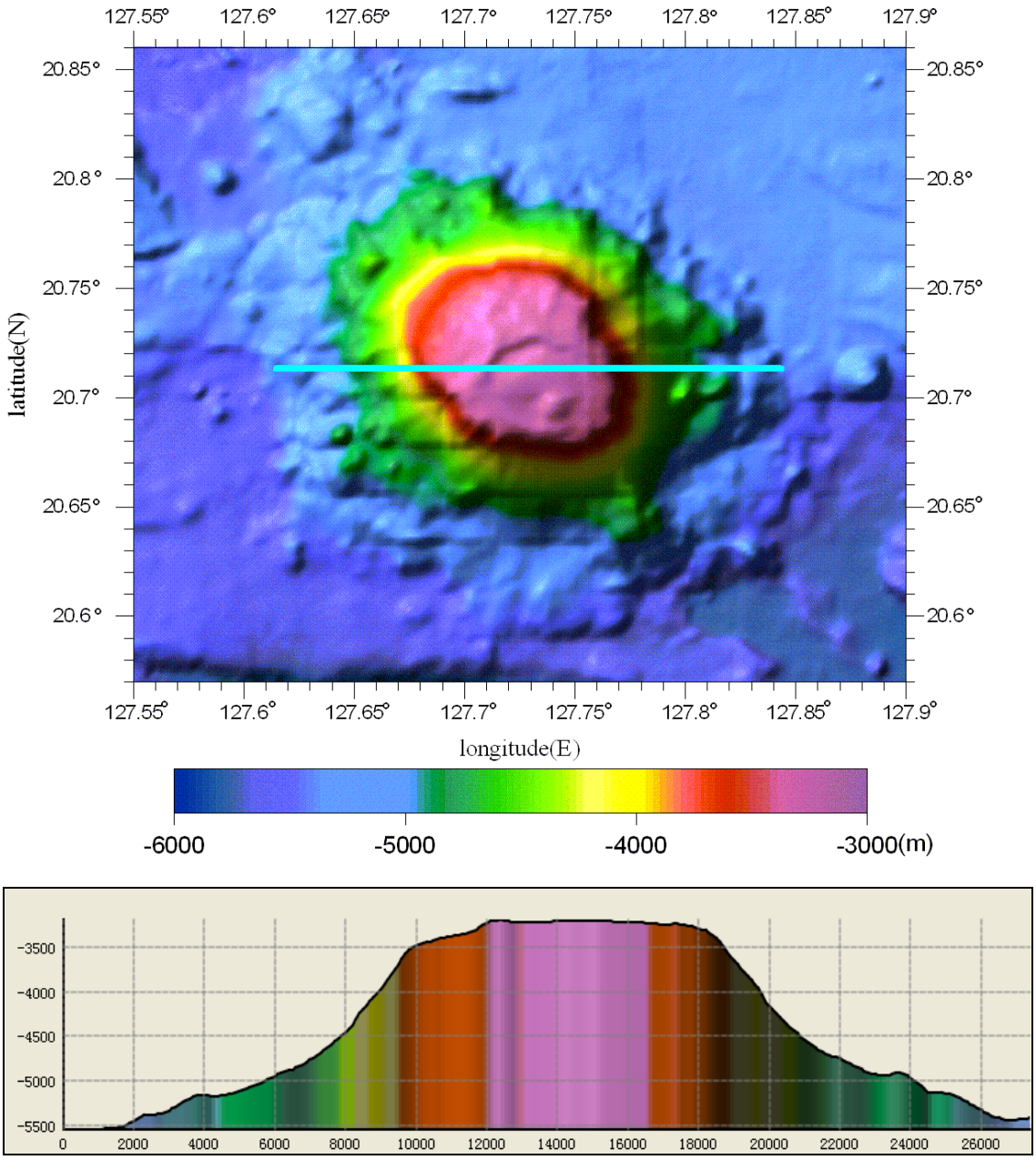

Fig.5. Profiles bathymetric map of Risheng Guyot