

<b>INTERNATIONAL HYDROGRAPHIC ORGANIZATION</b>	<b>INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)</b>
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UNDERSEA FEATURE NAME PROPOSAL

<b>Name Proposed:</b>	Roumu Seamounts	<b>Ocean or Sea:</b>	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)
<b>Coordinates:</b>	10°21.3'N (summit)	167°01.6'W (summit)
	10°17.6'N (summit)	167°59.4'W (summit)
	10°25.9'N (summit)	167°42.5'W (summit)
	10°22.8'N (summit)	167°25.9'W (summit)
	10°28.4'N (summit)	167°20.3'W (summit)
	10°36.3'N (summit)	167°27.9'W (summit)
	10°46.5'N (summit)	167°29.6'W (summit)
	10°33.8'N (summit)	168°18.8'W (summit)
	10°33.7'N (summit)	168°00.2'W (summit)
	10°23.2'N (summit) )	167°10.1'W (summit)
	10°54.4'N (bottom)	167°26.8'W (bottom)
		167°19.5'W
		167°06.0'W
		166°54.0'W
		166°55.1'W
		167°08.3'W
		167°19.2'W
		167°30.6'W
		167°35.6'W
		167°48.6'W
		167°52.3'W
		168°05.8'W
		168°08.8'W
		168°07.8'W
		168°14.7'W
		168°21.3'W
		168°28.7'W
		168°29.8'W
		168°19.7'W
		168°11.6'W
	168°04.3'W	
	167°51.0'W	
	167°45.2'W	
	167°37.8'W	
	167°37.1'W	
	167°32.2'W	

<b>Feature Description:</b>	Maximum Depth:	5200 m	Steepness :	
	Minimum Depth :	1363 m	Shape :	
	Total Relief :	3837 m	Dimension/Size :	165.6km × 80.0km

<b>Associated Features:</b>	This seamount group consists of ten seamounts which are in different sizes and shapes. Some of them have flat top and some have sharp peaks.
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<b>Chart/Map References:</b>	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.07
	Within Area of Map/Chart:	

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named ) :	Roumu comes from a verse of <i>SHIJING-XIAOYA</i> ( <i>SHIJING</i> is a collection of ancient Chinese poems from 11 B.C. to 6 B.C.). The verse means withy trees are planted by gentleman. This seamount group is named Roumu to represent a Chinese tradition that is planting trees in advance for the benefit of posterity.
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<b>Discovery Facts:</b>	Discovery Date:	May. 2002
	Discoverer (Individual, Ship):	R/V Haiyang Sihao

<b>Supporting Survey Data, including Track Controls::</b>	Date of Survey:	May. 2002
	Survey Ship:	R/V Haiyang Sihao
	Sounding Equipment:	Multi-beam sounding system (SeaBeam2112.360)
	Type of Navigation:	Oministar DGPS
	Estimated Horizontal Accuracy (nm):	<=0.0054nm
	Survey Track Spacing:	3.5 nm
	Supporting material can be submitted as Annex in analog or digital form. See Attachments	

<b>Proposer(s):</b>	Name(s):	Zhanhai ZHANG
	Date:	22 Aug. 2013
	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

<b>Remarks:</b>	
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Attachment:

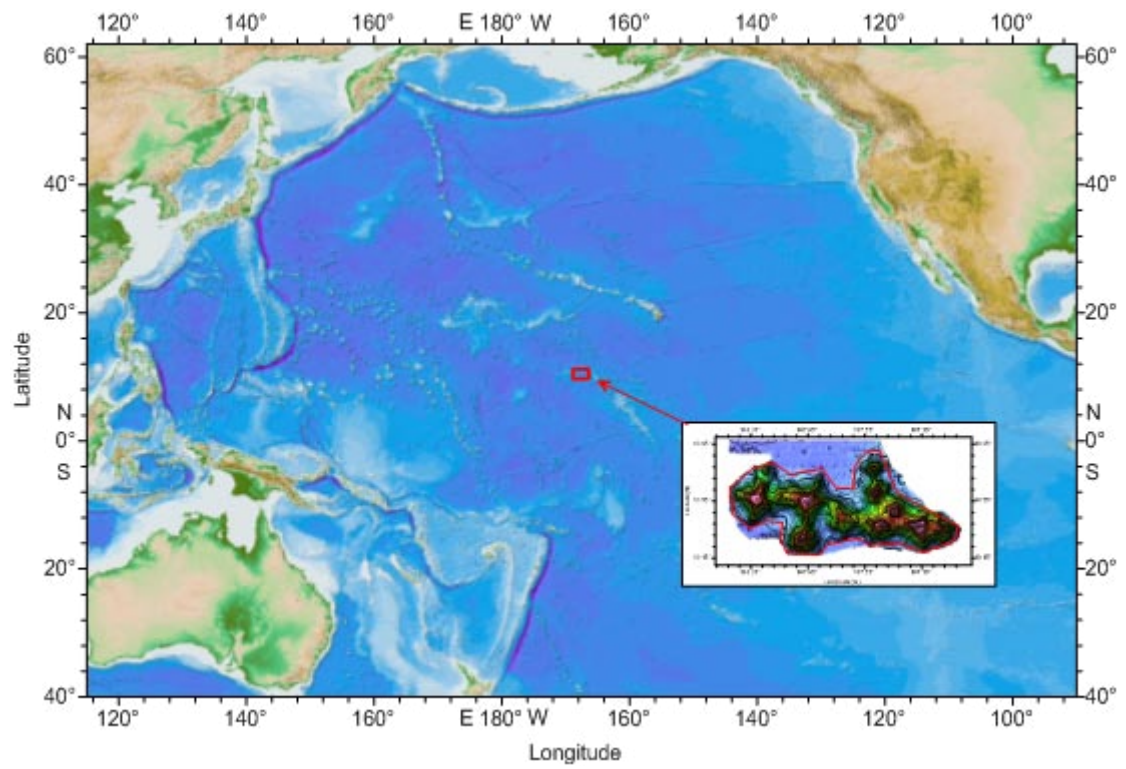


Fig.1 Index map showing the location of the Roumu Seamounts

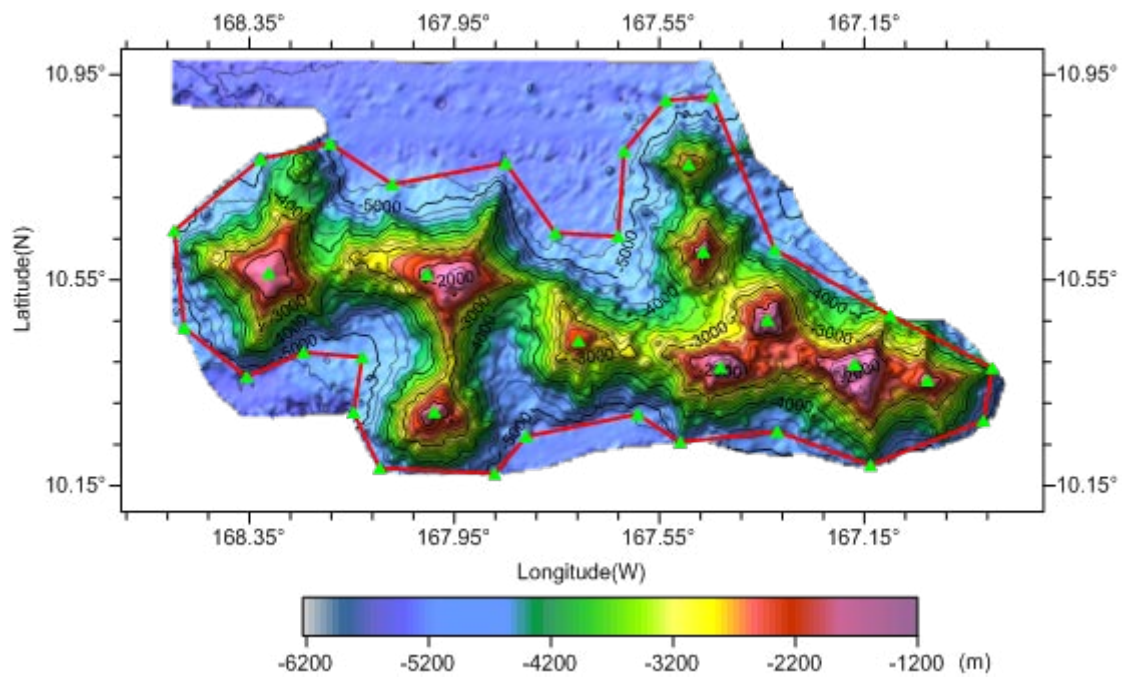


Fig.2 Bathymetric map of the Roumu Seamounts (Contours are in 200 m).

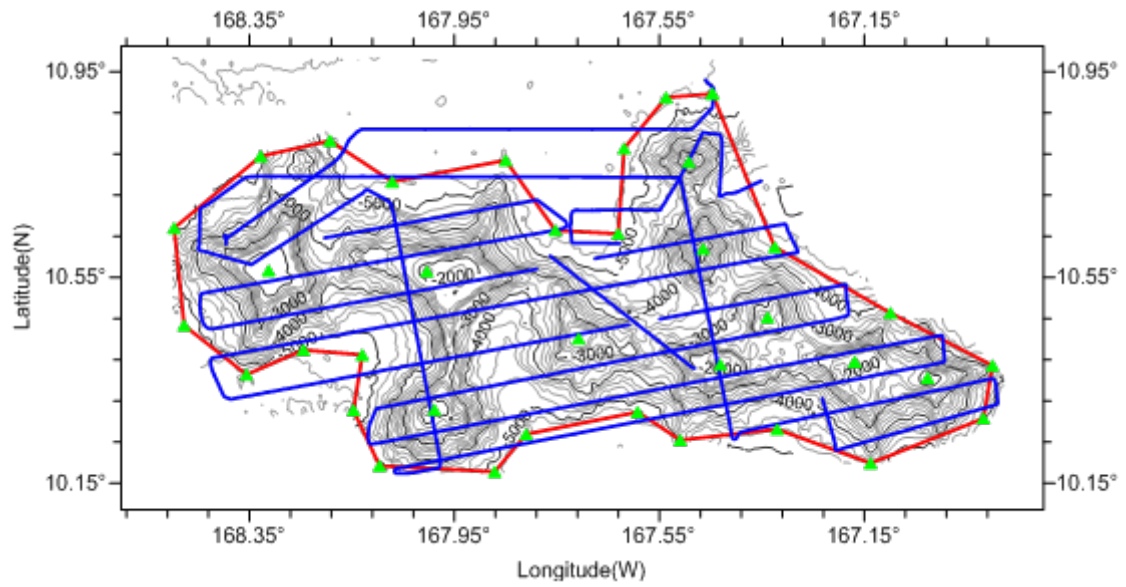


Fig.3 Bathymetric map of the Roumu Seamounts, showing track lines.  
(Contours are in 200 m)

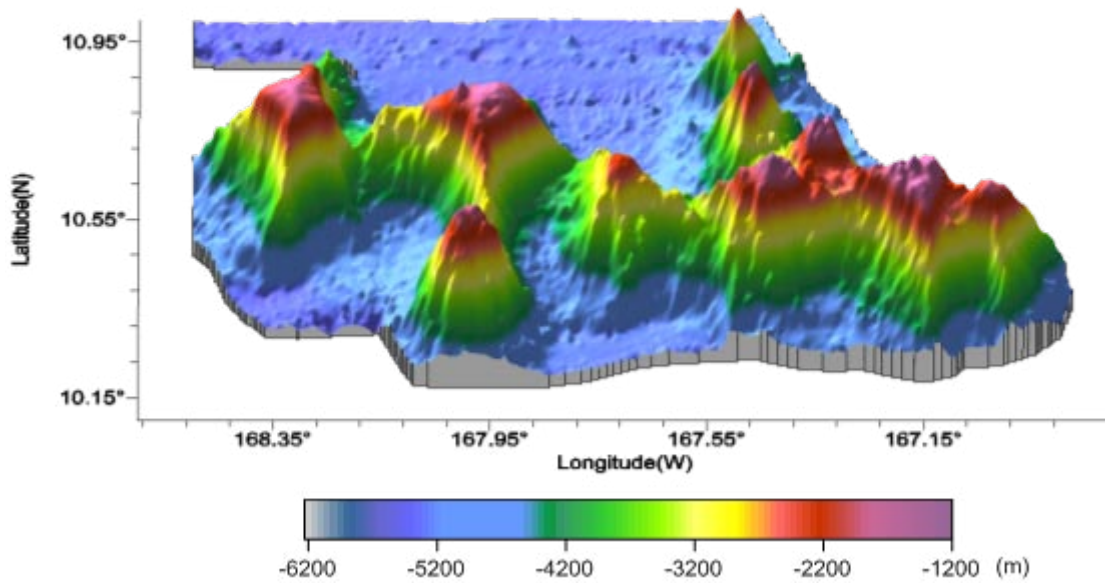


Fig.4 3-D bathymetric map of the Roumu Seamounts

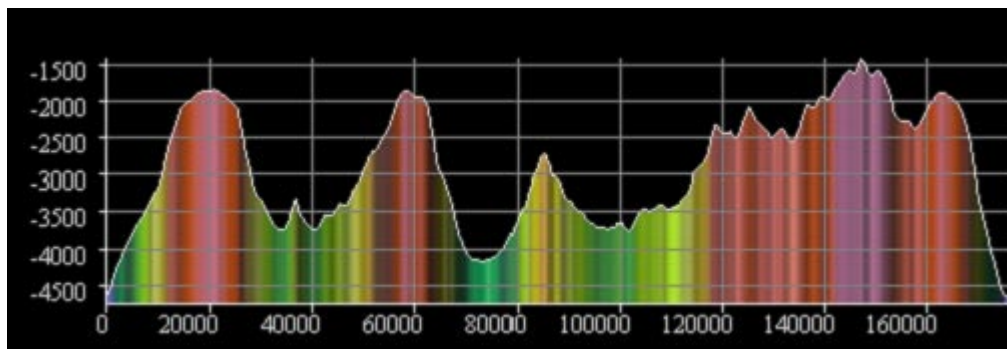
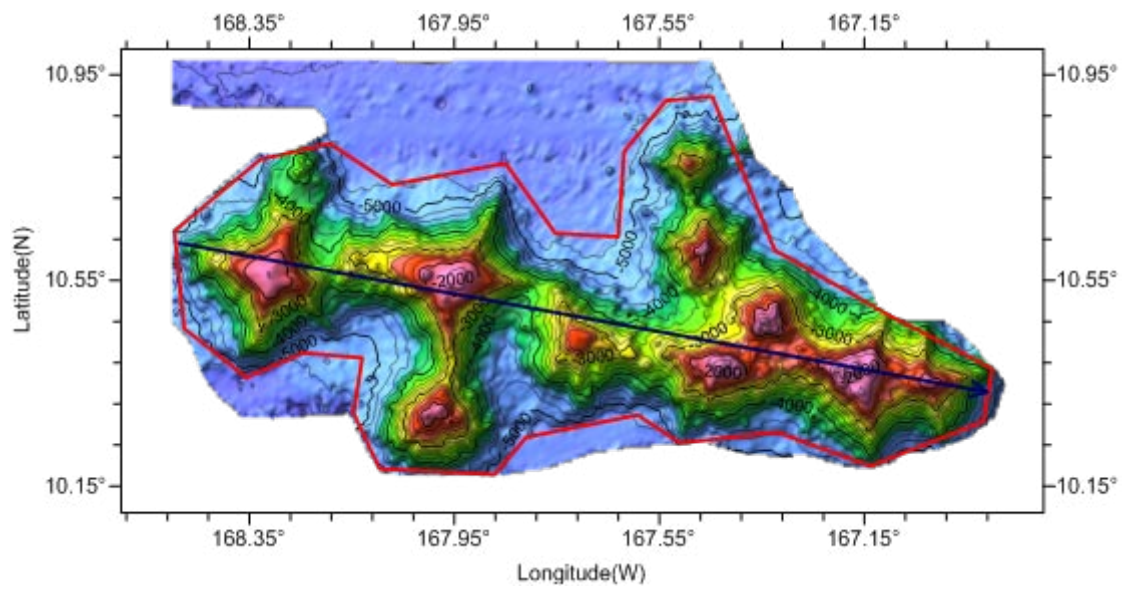


Fig.5 Profile of the Roumu Seamounts