INTERNATIONAL HYDROGRAPHIC ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

UNDERSEA FEATURE NAME PROPOSAL

(See **NOTE** overleaf)

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

Name Proposed:	Houji Knoll	**Ocean or Sea:**	East 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:	09°28.7′ N (Summit)	153°46.1′ W (Summit)
	09°30.1′ N (Bottom)	153°46.4′ W (Bottom)
	09°30.0′ N	153°45.7′ W
	09°29.6′ N	153°45.0′ W
	09°28.9′ N	153°44.6′ W
	09°27.8′ N	153°44.6′ W
	09°26.9′ N	153°44.9′ W
	09°26.4′ N	153°45.7′ W
	09°26.5′ N	153°46.3′ W
	09°26.7′ N	153°47.0′ W
	09°27.3′ N	153°47.5′ W
	09°28.6′ N	153°48.0′ W
	09°29.3′ N	153°47.8′ W
	09°29.9′ N	153°47.3′ W
	09°30.1′ N (Bottom)	153°46.4′ W (Bottom)

Feature Description:	Maximum Depth:	5113 m	Steepness :	
	Minimum Depth :	4306 m	Shape :	Near round
	Total Relief :	807 m	Dimension/Size :	6.5 km×6 km

Associated Features:	Houji Knoll adjoins Jiangyuan Hill. There is a distance of 0.9 km between them. The knoll has a round overlook plane shape.

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)**:**	Houji, was a leader of Zhou tribe in ancient Chinese tales of legendia. He improved the agricultural technology.

Discovery Facts:	Discovery Date:	Aug. 1995
	Discoverer (Individual, Ship):	Chinese R/V Dayang No.01

Supporting Survey Data, including	Date of Survey:	Aug. 1995

Track Controls:	Survey Ship:	Chinese R/V Dayang No.01
	Sounding Equipment:	Multi-beam Echo Sounding System (SWabWam 2112)
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	≤8 nm
	Survey Track Spacing:	5 nm
	Supporting material can be submitted as Annex in analog or digital form. See Annex	

Proposer(s):	Name(s):	China Ocean Mineral Resources Research and Development Association (COMRA)
	Date:	Apr 08. 2018
	E-mail:	comra@comra.org
	Organization and Address:	No.1 Fuxingmenwai Street, Xicheng District, Beijing
	Concurrer (name, e-mail, organization and address):	

Remarks:	This proposal has been reviewed and approved by China Subcommittee on Undersea Feature Names (CCUFN). No.1 Fuxingmenwai Street, Xicheng District, Beijing, China, 100860 heyunxu@sina.com

NOTE : This form should be forwarded, when completed :

a) **If the undersea feature is located inside the external limit of the territorial sea** :-
to your "National Authority for Approval of Undersea Feature Names" (see page 2-9) or, if this does not exist or is not known, either to the IHB or to the IOC (see addresses below);

b) **If at least 50 % of the undersea feature is located outside the external limits of the territorial sea** :-
to the IHB or to the IOC, at the following addresses :

International Hydrographic Bureau (IHB) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org

ANNEX

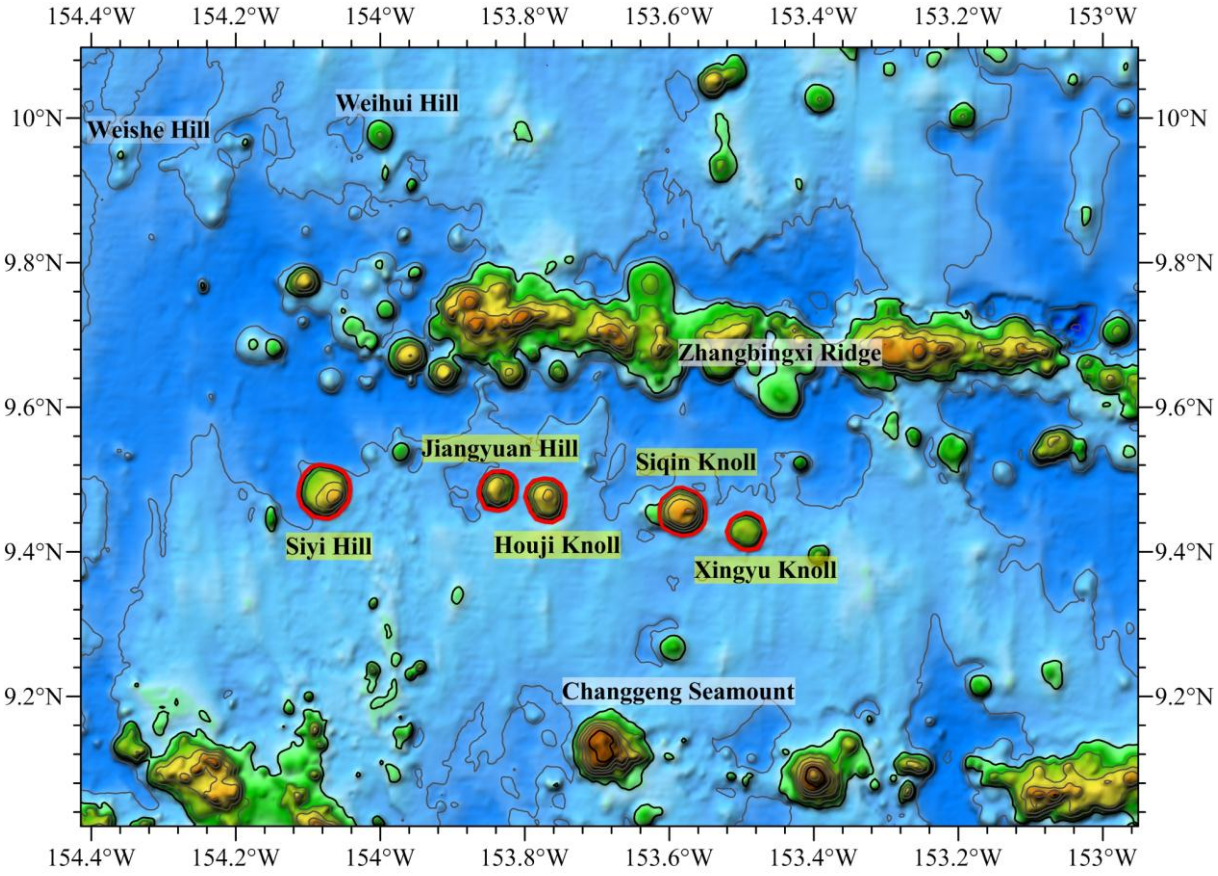

Fig. 1 Location of the Houji Knoll

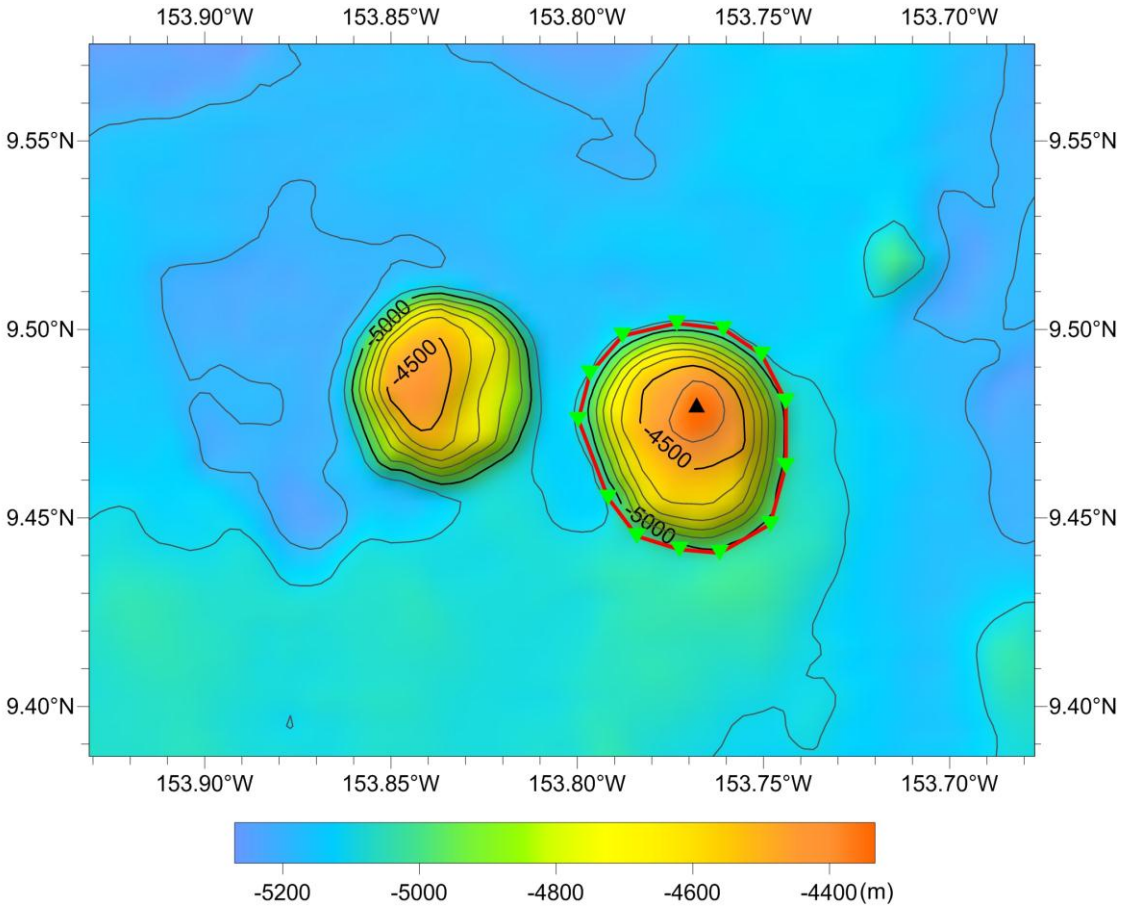

Fig. 2 Bathymetric map of the Houji Knoll (the contour interval is 100 m)

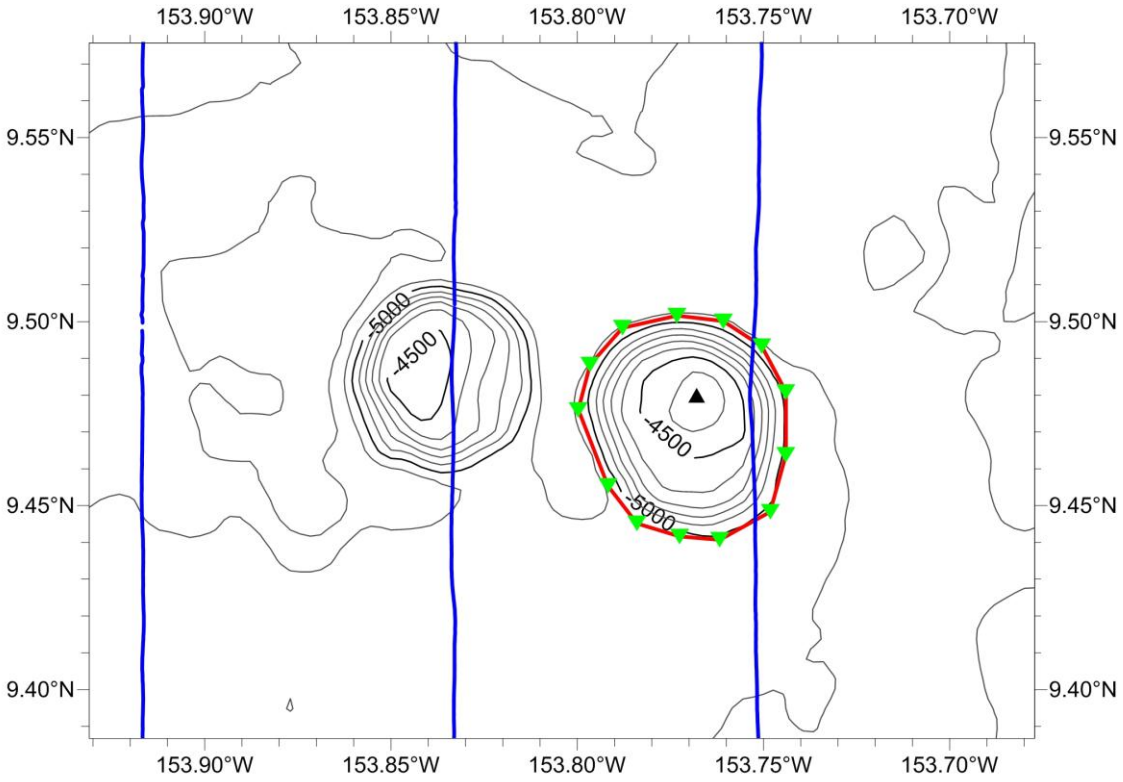

Fig. 3 Bathymetric and survey line map of the Houji Knoll (the contour interval is 100 m, blue ones are survey lines)

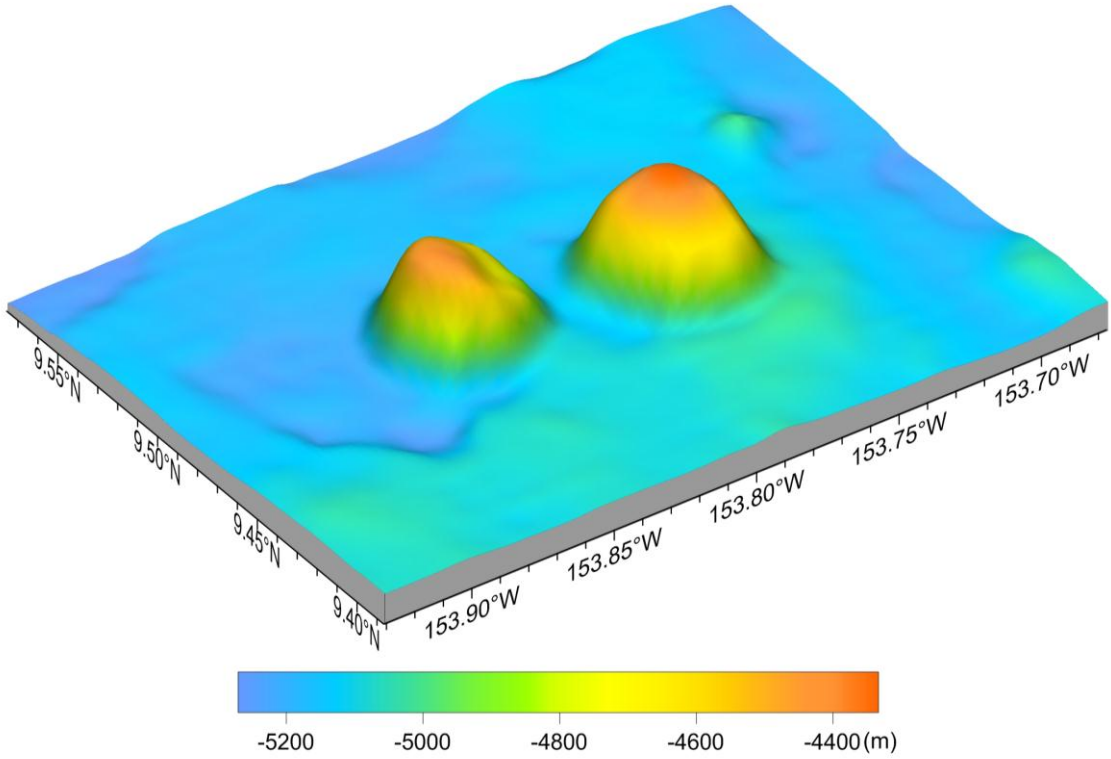

Fig. 4 3-D topography map of the Houji Knoll

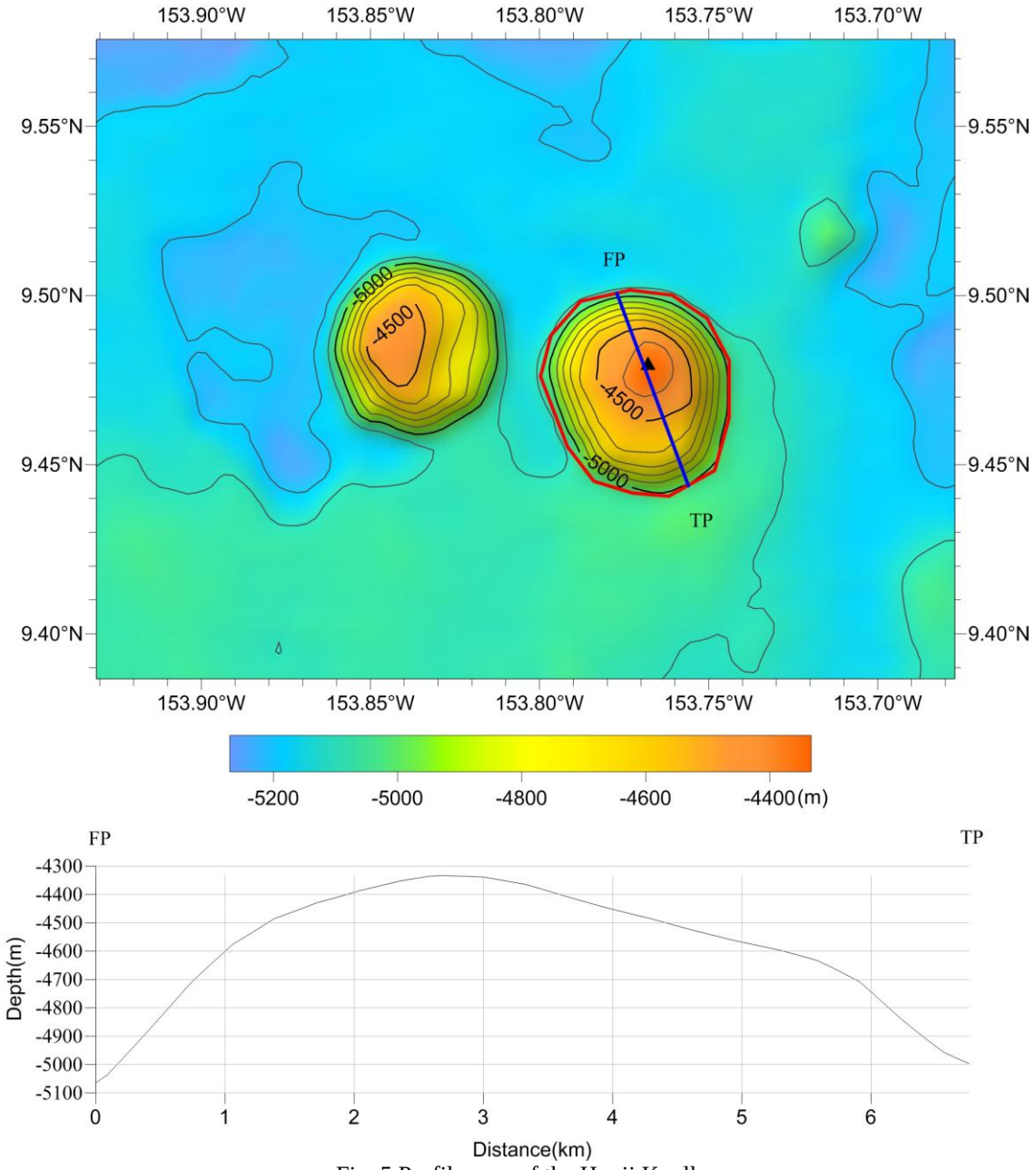

Fig. 5 Profile map of the Houji Knoll