INTERNATIONAL HYDROGRAPHIC ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

UNDERSEA FEATURE NAME PROPOSAL

(See IHO-IOC Publication B-6 and NOTE overleaf)

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

Name Proposed:	Wangdayuan Seamount	**Ocean or Sea:**	Indian 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:	34°53.60′S (Top)	54°16.77′E (Top)
	34°49.9′S(Bottom)	54°15.2′E(Bottom)
	34°49.8′S	54°17.6′E
	34°50.5′S	54°20.1′E
	34°51.2′S	54°22.5′E
	34°52.4′S	54°23.6′E
	34°53.9′S	54°22.6′E
	34°55.1′S	54°20.7′E
	34°55.9′S	54°18.5′E
	34°56.1′S	54 °16.0′E
	34°56.4′S	54 °14.0′E
	34°55.7′S	54 °12.0′E
	34°54.2′S	54°11.8′E
	34°52.7′S	54 °12.0′E
	34°51.4′S	54°13.4′E
	34 °49.9′S	54°15.2′E

Feature Description:	Maximum Depth:	3500 m	Steepness :	
	Minimum Depth :	850 m	Shape :	elongated shape
	Total Relief :	2650 m	Dimension/Size :	21 km*14 km

Associated Features:	This seamount is located in the Southwest Indian Ridge.

Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	GEBCO 5.09
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named)**:**	Wang Dayuan (A. D. 1311~?) is an outstanding folk navigator and traveler who carried out two oceangoing voyages, including navigation to Southeast Asia, South Asia, West Asia, Indian Ocean, Mediterranean Sea and so on. Based on his personal experience, he wrote a famous book, which involved more than 220 nations and regions of Asia, Africa and Europe. It is an important book to study oceangoing activities of Yuan Dynasty of China. The seamount is named after "Wang Dayuan" to commemorate his contributions to far-sea explorations.

Discovery Facts:	Discovery Date:	2010

	Discoverer (Individual, Ship):	Chinese R/V Dayang Yihao

Supporting Survey Data, including Track Controls:	Date of Survey:	2010, 2016
	Survey Ship:	Chinese R/V Dayang Yihao
	Sounding Equipement:	Norway EM120 Multi-beam Echo Sounding System
	Type of Navigation:	StarFire2050M Wide Area Differential GPS
	Estimated Horizontal Accuracy (nm):	0.0053 sea mile (10 m)
	Survey Track Spacing:	1.5 sea mile
	Supporting material can be submitted as Annex in analog or digital form: see Annex	

Proposer(s):	Name(s):	China Ocean Mineral Resources R&D Association (COMRA)
	Date:	July 1, 2017
	E-mail:	jin@comra.org
	Organization and Address:	Fuxingmenwai Street No.1, Beijing, China China Ocean Mineral Resources R&D Association
	Concurrer (name, e-mail, organization and address):	

Remarks:	The proposal has been reviewed and approved by Sub-Committee on Undersea Feature Names of China Committee on Geographical 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 Publication B-6) or, if this does not exist or is not known, either to the IHO 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 IHO or to the IOC, at the following addresses :

International Hydrographic Organization (IHO) 4, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@iho.int Web: www.iho.int	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org Web: http://ioc-unesco.org/

Annex

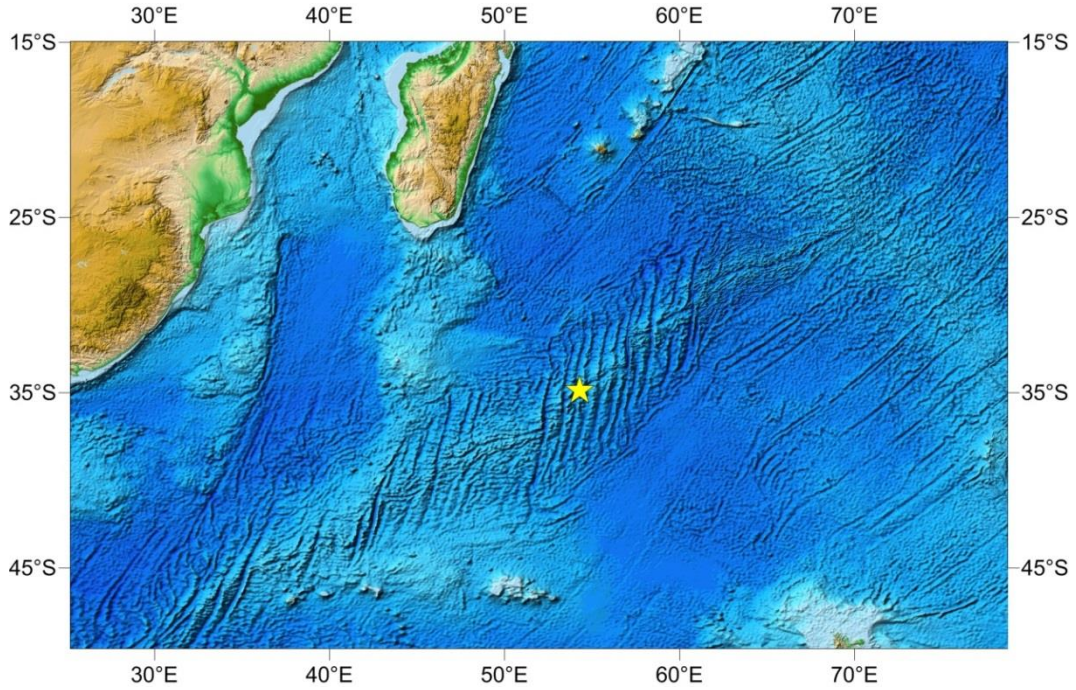

Fig. 1 Location of Wangdayuan Seamount

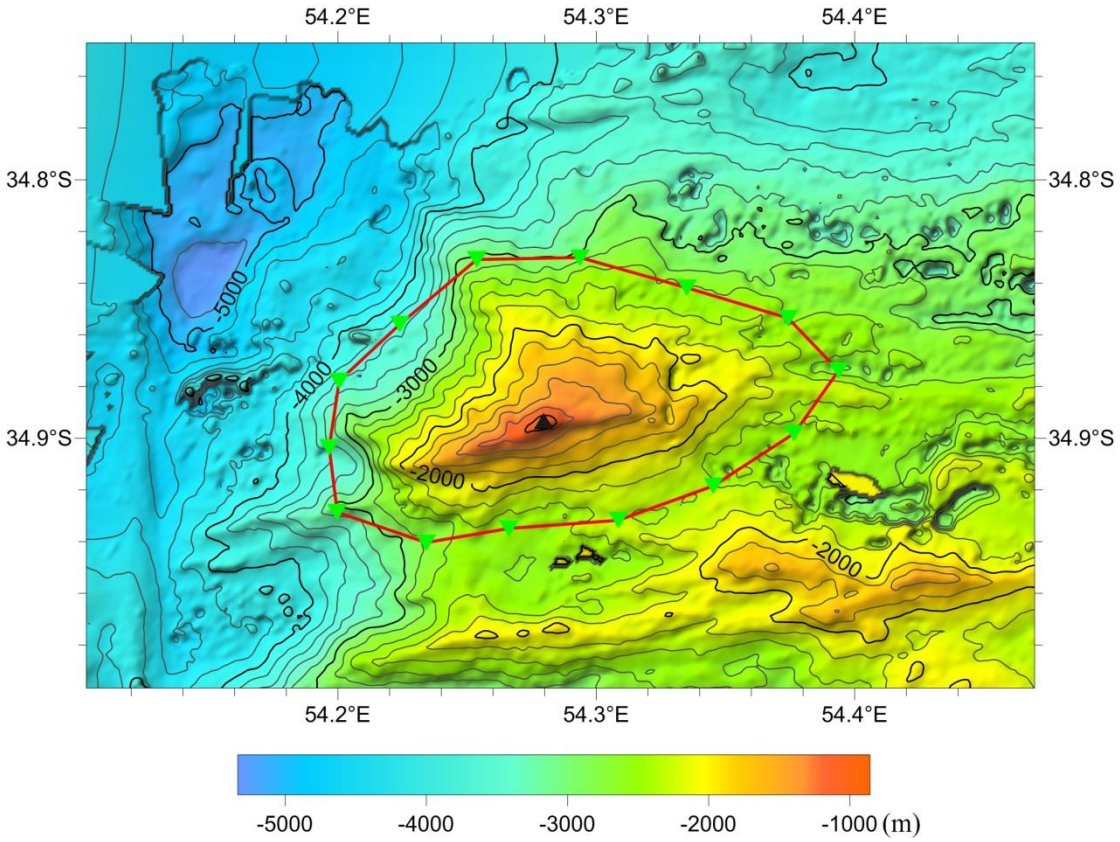

Fig. 2 Bathymetric map of Wangdayuan Seamount (Contours are in 200 m)

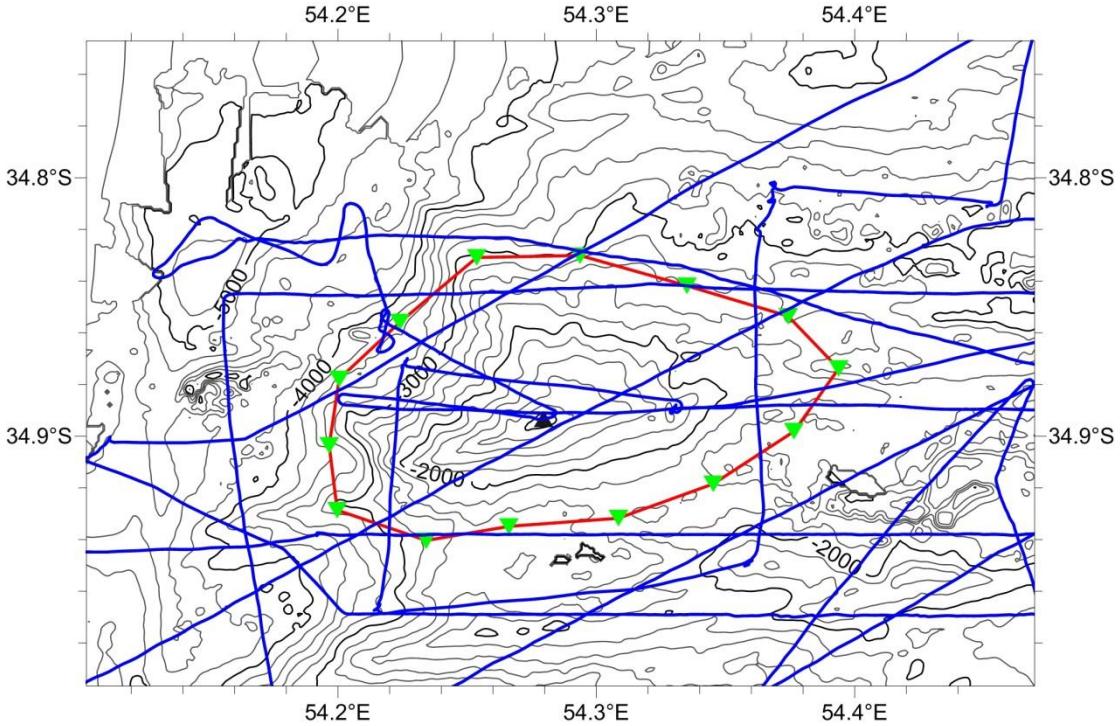

Fig. 3 Bathymetric and survey line map of Wangdayuan Seamount (Contours are in 200 m, blue ones are survey lines)

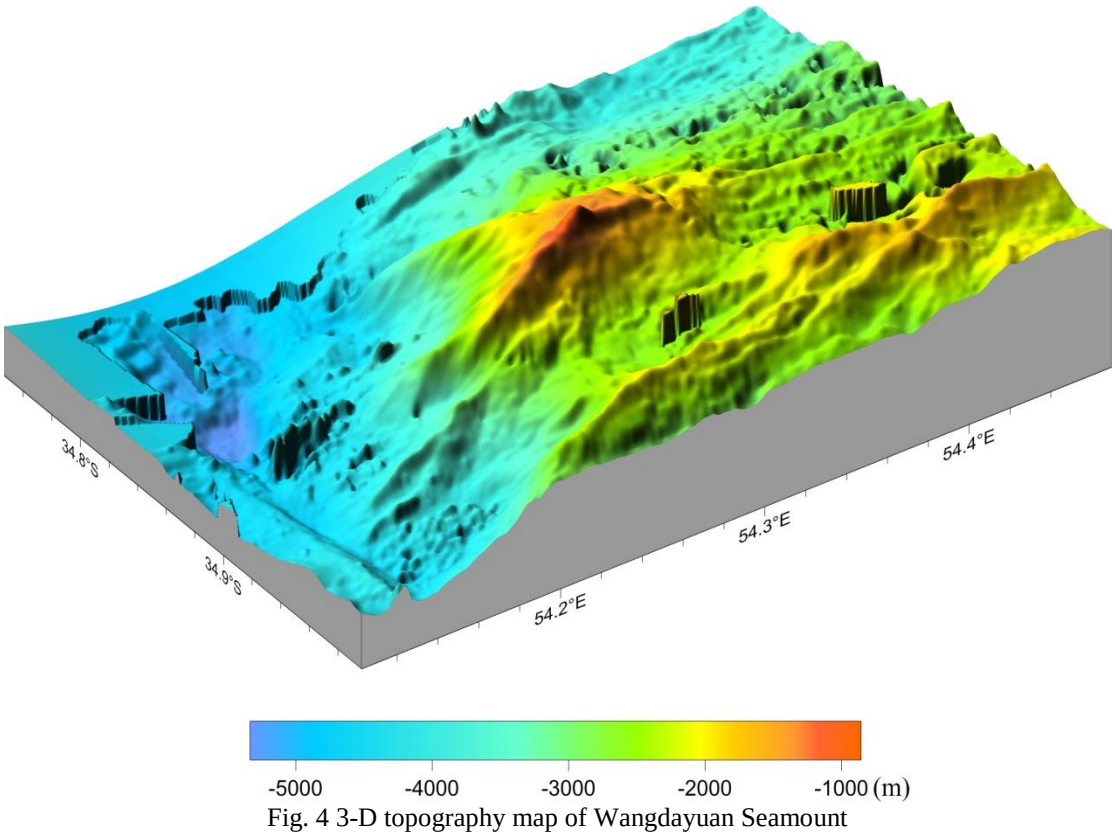

Fig. 4 3-D topography map of Wangdayuan Seamount

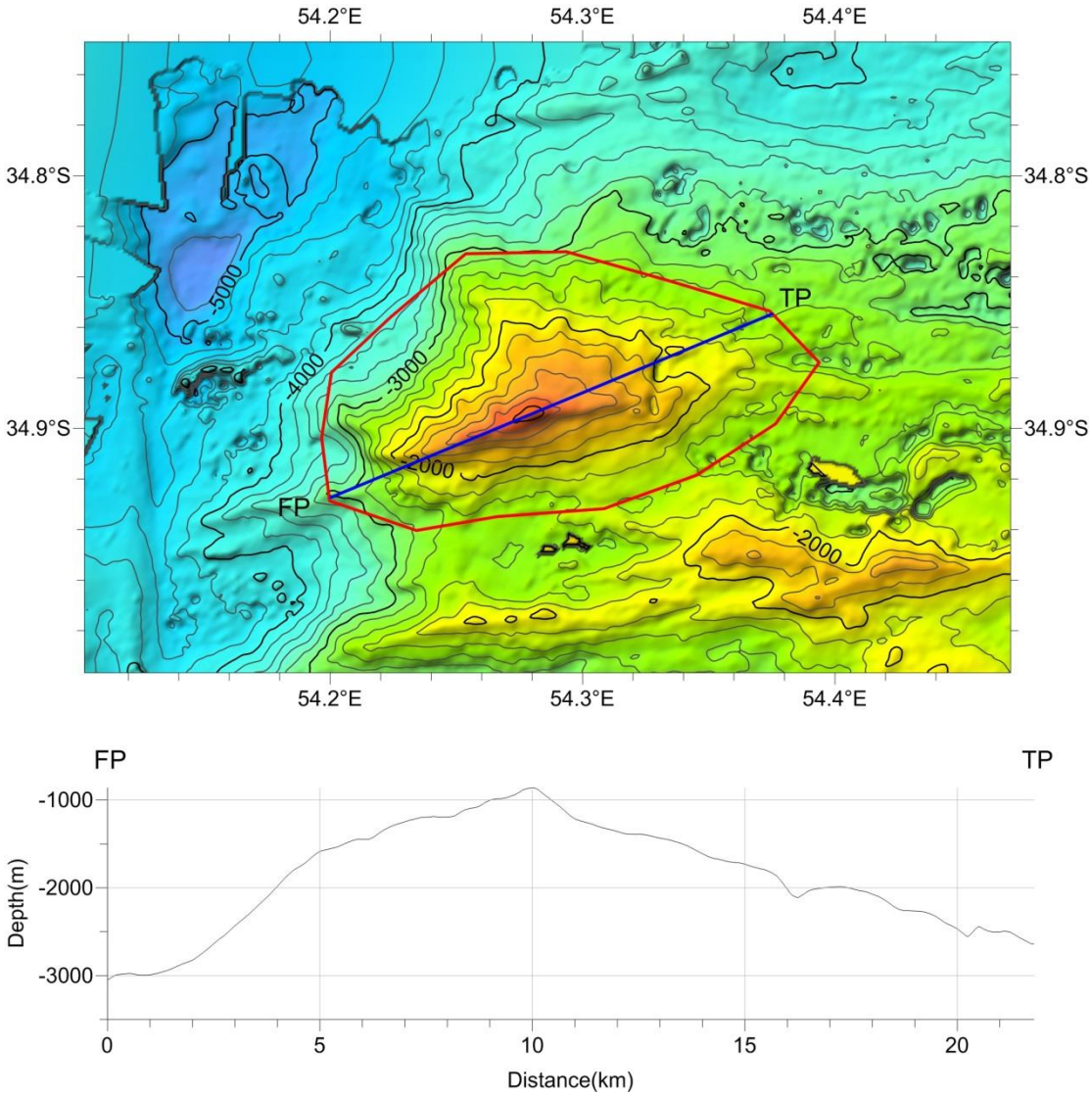

Fig. 5 profile map of Wangdayuan Seamount