

**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:	Weiluo Guyot	Ocean or Sea:	Western 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°00.8'N (summit)	150°09.9'E (summit)
	20°07.9'N (bottom)	149°56.5'E (bottom)
	20°07.7'N	149°60.0'E
	20°15.3'N	150°10.8'E
	20°08.9'N	150°20.1'E
	19°45.8'N	150°28.8'E
	19°43.1'N	150°27.9'E
	19°42.0'N	150°24.1'E
	19°46.2'N	150°15.3'E
	19°53.6'N	150°02.7'E
	20°02.9'N	149°55.3'E
20°07.9'N	149°56.5'E	

Feature Description:	Maximum Depth:	3250m	Steepness :	
	Minimum Depth :	1750m	Shape :	
	Total Relief :	1500m	Dimension/Size :	60km×30km

Associated Features:	This guyot is located at southeast of Weiluo Guyot. It is large and its peak is flat and the hillside is steep. To the south side of the guyot, there is another geographic entity named Lowrie Guyot by SCUFN.
-----------------------------	---

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):	Weiluo is from a poem in “Shi Jing Xiao Ya” (an ancient book of poems) -- "Black and white are my horse; Six glossy reins guiding the courses". This verse describes that the messenger visits the people riding a horse with a black mane. The bridle is very soft. It implies that the messenger is loyal to the King and has noble personality. The guyot named "Weiluo" refers to the compliment of Chinese ancient envoys of their responsibility and wise working style.
--	--

Discovery Facts:	Discovery Date:	Jun. 2001
	Discoverer (Individual, Ship):	R/V Dayang Yihao

Supporting Survey Data, including Track Controls:	Date of Survey:	Jun. 2001
	Survey Ship:	R/V Dayang Yihao
	Sounding Equipment:	Seabeam2112.360 multi-beam sounding system
	Type of Navigation:	Oministar DGPS
	Estimated Horizontal Accuracy (nm):	<=0.0054nm
	Survey Track Spacing:	6nm
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:	
-----------------	--

Attachments:

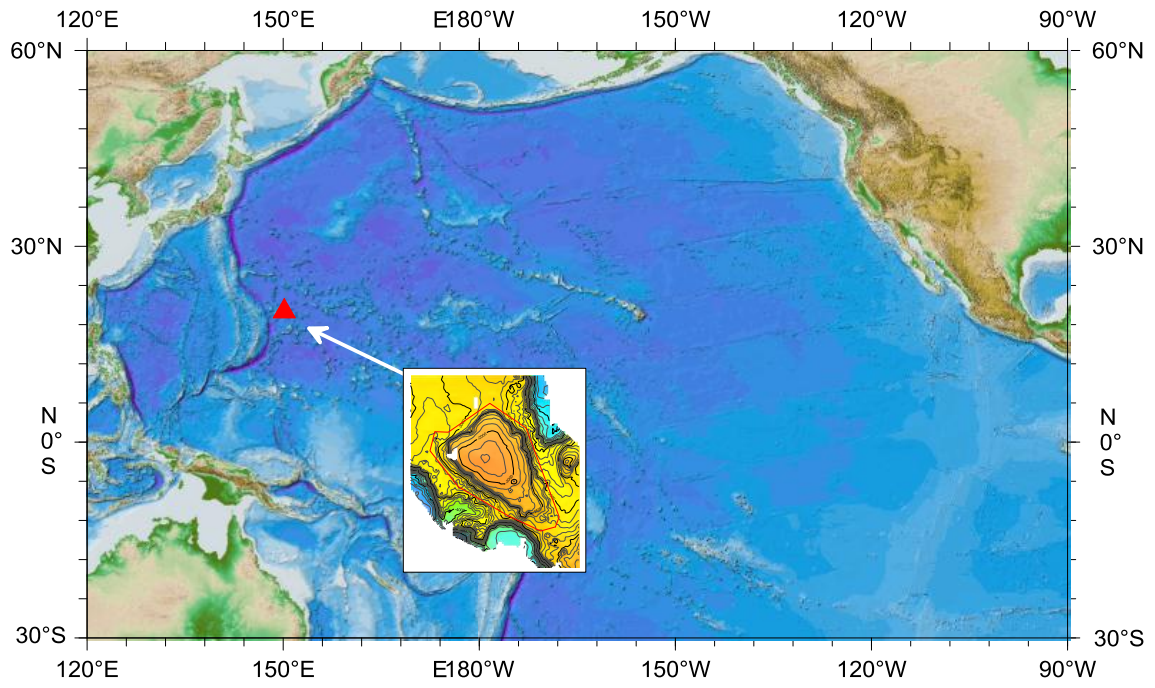


Fig.1 Index map showing the location of the Weilo Guyot.

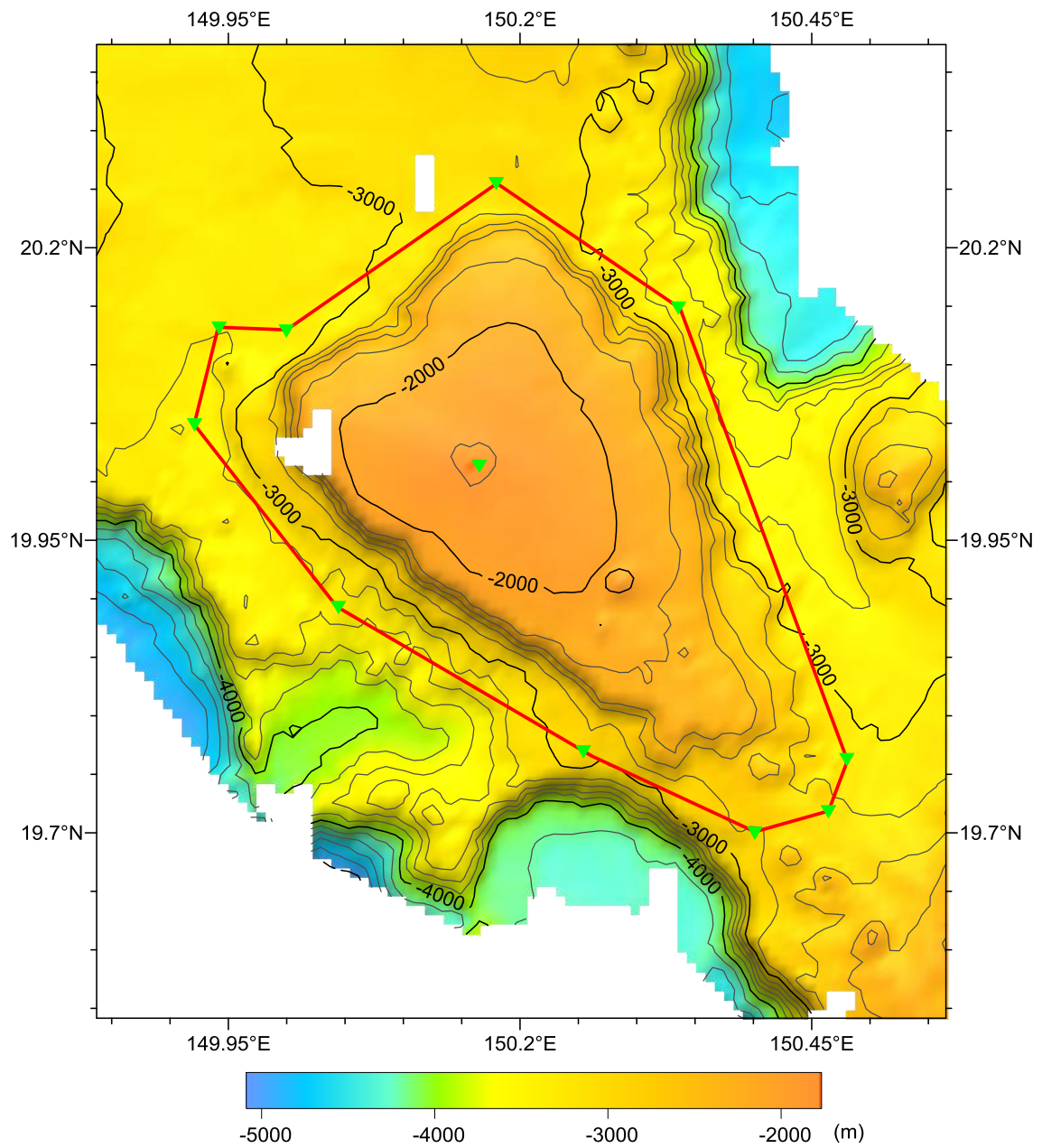


Fig.2 Bathymetric map of the Weiluo Guyot. (Contours are in 200 m)

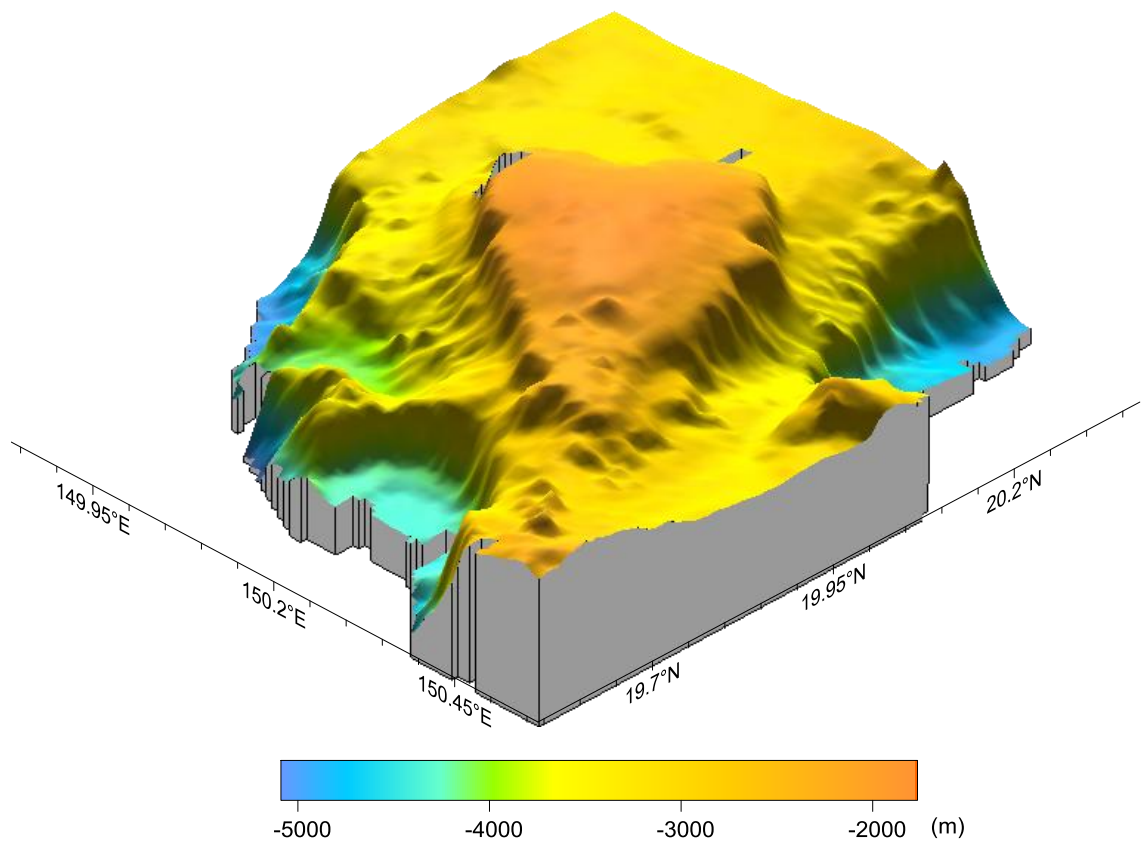


Fig.4 3-D bathymetric map of the Weilu Guyot.

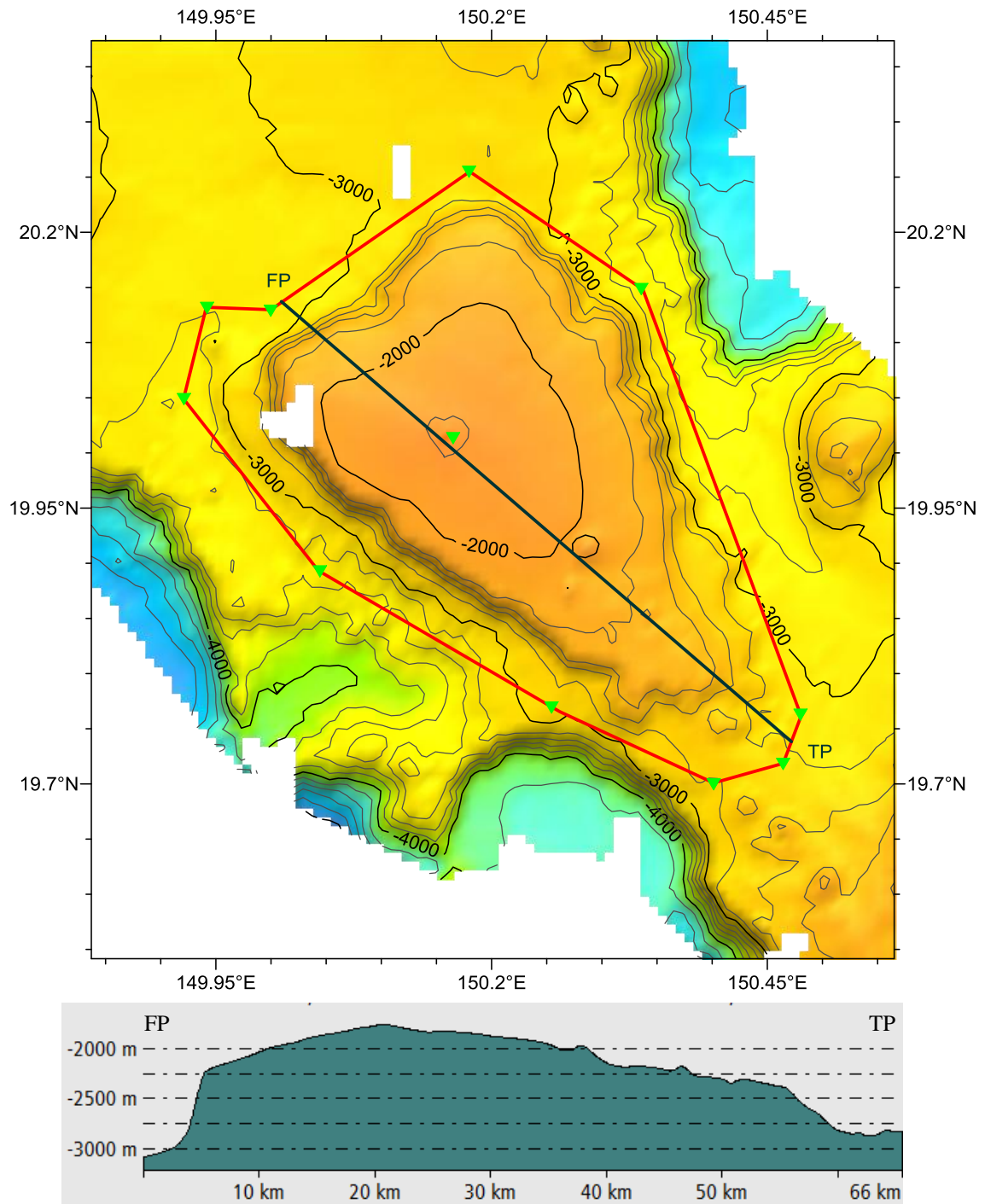


Fig.5 Profile map of the Weiluo Guyot.