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:	Michelson Ridge	**Ocean or Sea:**	Northwestern Pacific

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:	26°39.0'N	145°04.0'E
	26°30.0'N	145°40.0'E
	25°54.0'N	146°25.0'E
	26°22.0'N	147°05.0'E
	26°30.0'N	148°00.0'E
	26°30.0'N	148°10.0'E
	26°15.0'N	148°25.0'E
	25°53.0'N	149°20.0'E
	25°42.0'N	149°10.0'E
	25°35.0'N	148°20.0'E
	25°25.0'N	147°50.0'E
	25°30.0'N	147°05.0'E
	25°33.0'N	145°59.0'E
	25°25.0'N	145°22.0'E
	25°38.0'N	144°57.0'E
	26°05.0'N	144°50.0'E
	26°39.0'N	145°04.0'E

Feature Description:	Maximum Depth :	6000 m	Steepness :	
	Minimum Depth :	400 m	Shape :	
	Total Relief :	5600 m	Dimension/Size :	

Associated Features:	Ogasawara Plateau, Ogasawara Rise, Smoot Guyot, Castor Guyot , Pollux Guyot, Uda Spur

Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	6302,6726
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named)**:**	Taken from ACUF Gazetteer

Discovery Facts:	Discovery Date:	
	Discoverer (Individual, Ship):	

Supporting Survey Data, including Track Controls:	Date of Survey:	Sep., Dec. 2002 Oct., Nov. Dec. 2003 Jan. 2004 Feb. 2005 March, April 2006
	Survey Ship:	S/V Shoyo (2002, April 2006) S/V Takuyo (2003, 2004, 2005, March 2006)
	Sounding Equipment:	SeaBeam 2112
	Type of Navigation:	GPS without Selective Availability
	Estimated Horizontal Accuracy (nm):	0.014 nm
	Survey Track Spacing:	See Fig. 2
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	JCUFN
	Date:	August 11, 2011
	E-mail:	ohara@jodc.go.jp
	Organization and Address:	Hydrographic and Oceanographic Department of Japan 5-3-1 Tsukiji, Chuo-ku, Tokyo 104-0045, Japan
	Concurrer (name, e-mail, organization and address):	

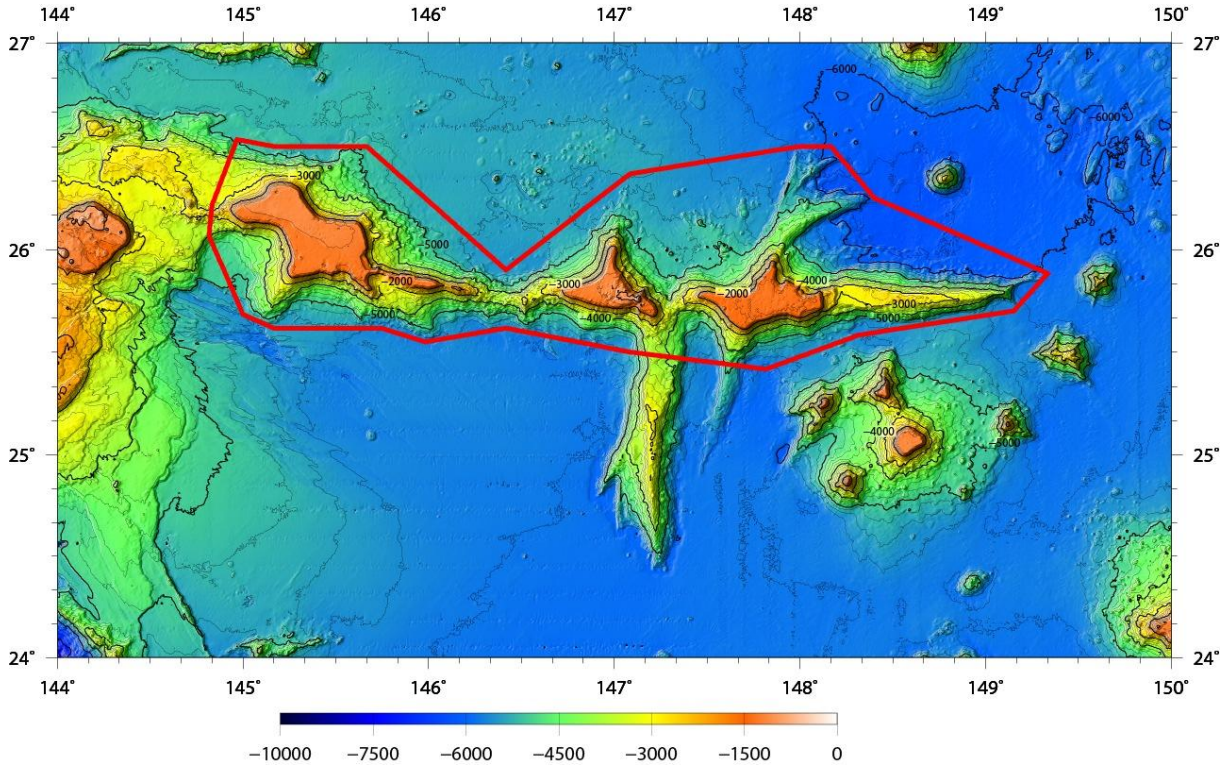
Remarks:	Following the action SCUFN 23/56, this is to propose a new name, replacing the Suda Ridge.

NOTE : This form should be forwarded, when completed :

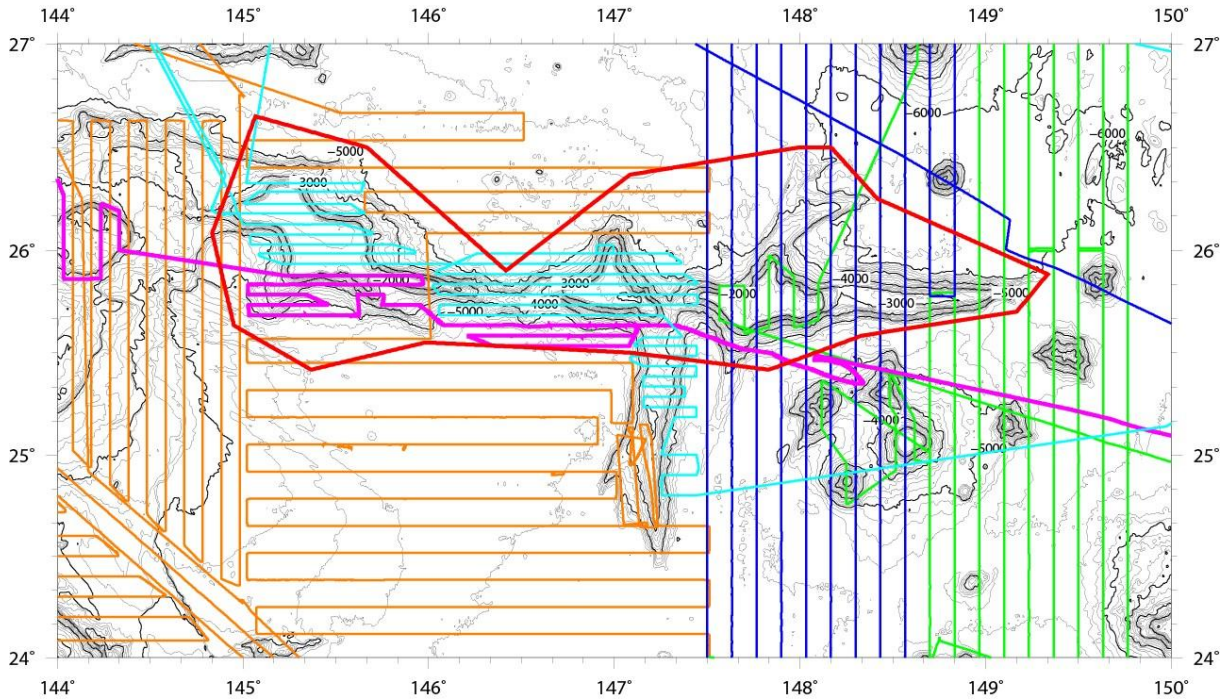
a) **If the undersea feature is located inside the external limit of the territorial sea** :-
to your "National Authority for Approval of Undersea Feature Names" (see page 2-9) or, if this does not exist or is not known, either to the IHB or to the IOC (see addresses below);

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



Fi.g 1. Color shaded bathymetric map of the Michelson Ridge. Contours are in 200 m. The polygon delineating the feature is shown in red line.



Fi.g 2. Bathymetric map of the Michelson Ridge. Contours are in 200 m. The polygon delineating the feature is shown in red line. The ship track are shown in orange (for surveys in 2002), dark blue (for surveys in 2003), and green (for surveys in 2004), purple (for surveys in 2005), light blue (for surveys in 2006) lines.