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:	Oki-Daito Ridge	**Ocean or Sea:**	Northwest 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:	24°48.0'N	128°15.0'E
	25°32.0'N	128°50.0'E
	25°32.0'N	129°10.0'E
	26°09.0'N	129°32.0'E
	26°10.0'N	130°13.0'E
	25°37.0'N	131°10.0'E
	25°23.0'N	131°57.0'E
	25°05.0'N	132°15.0'E
	24°55.0'N	132°05.0'E
	24°30.0'N	132°25.0'E
	24°25.0'N	132°45.0'E
	24°15.0'N	133°00.0'E
	24°00.0'N	133°18.0'E
	23°48.0'N	133°18.0'E
	23°25.0'N	134°10.0'E
	23°10.0'N	135°15.0'E
	22°40.0'N	135°50.0'E
	21°52.0'N	135°47.0'E
	22°45.0'N	133°35.0'E
	23°35.0'N	132°05.0'E
	23°30.0'N	131°00.0'E
	23°40.0'N	130°43.0'E
	23°33.0'N	130°35.0'E
	23°13.0'N	131°12.0'E
	23°00.0'N	131°00.0'E
	23°07.0'N	130°40.0'E
	22°50.0'N	130°35.0'E
	23°00.0'N	130°20.0'E
	22°50.0'N	130°12.0'E
	22°40.0'N	130°20.0'E
	22°13.0'N	130°05.0'E
	22°10.0'N	129°53.0'E
	23°04.0'N	129°30.0'E
	24°30.0'N	128°15.0'E

Feature Description:	Maximum Depth:	6100 m	Steepness :	
	Minimum Depth :	30 m in height	Shape :	
	Total Relief :	6130 m	Dimension/Size :	770 km × 450 km

Associated Features:	The Oki-Daito Ridge consists of the Oki-Daito Rise, Oki-Daito (North) Ridge and

	Oki-Daito (south) Ridge.The Oki-Daito Island is located on the Oki-Daito Rise *in sensu stricto*. The Choju Seamounts and Tai-Inreki Seamounts (e.g. Mutsuki Seamount) are located between the Oki-Daito Ridge and Daito Ridge.

Chart/Map References:	Shown Named on Map/Chart:	1004A,1009,6315,6722,6725
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named)**:**	Named after the Oki-Daito Island.

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

Supporting Survey Data, including Track Controls:	Date of Survey:	Dec. 1986 Jan. 1987 Jan., Apr., Nov. and Dec. 1996 Apr., May., Jul., Aug., Oct., Nov and Dec. 1997 May., Jun. and Jul. 2001 Oct. and Dec. 2003 May. and Jul. 2004 Jun. 2005 May. and Jul. 2006
	Survey Ship:	The Japanese Survey Vessel “Takuyo” (1986, 1987, 1996, 1997, 2001 and 2006) The Japanese Survey Vessel “Shoyo” (2001, 2003, 2004, 2005 and 2006)
	Sounding Equipment:	Multibeam echo sounder SeaBeam (1986 and 1987) SeaBeam 210 (1996 and 1997) SeaBeam 2112 (after 2001)
	Type of Navigation:	Hybrid system (1986 and 1987) GPS with Selective Availability (1996 and 1997) GPS without Selective Availability (after 2001)
	Estimated Horizontal Accuracy (nm):	< 0.108 nm (< 200 m, 1986 and 1987) 0.054 nm (100 m, 1996 and 1997) 0.014 nm (26 m, after 2001)
	Survey Track Spacing:	Less than 8.5 km
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	JCUFN
	Date:	08/09/10
	E-mail:	ohara@jodc.go.jp
	Organization and Address:	Hydrographic and Oceanographic Department, Japan Coast Guard Tsukiji 5-3-1,Chuo-ku,Tokyo,Japan
	Concurrer (name, e-mail, organization and address):	

Remarks:	In the GEBCO gazetteer, the Oki-Daito (North) Ridge, Oki-Daito (South) Ridge and Oki-Daito Rise are used to designate the each distinct bathymetric feature in

	the region (i.e., all of these features were already accredited by SCUFN). However, a single name, the Oki-Daito Ridge, has long been used to designate the features all together in the scientific literature. This proposal is therefore a by-product of the reviewing work on the reserve section. JCUFN is proposing redefinition of the coordinates of the Oki-Daito Ridge, not proposing a new name.

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

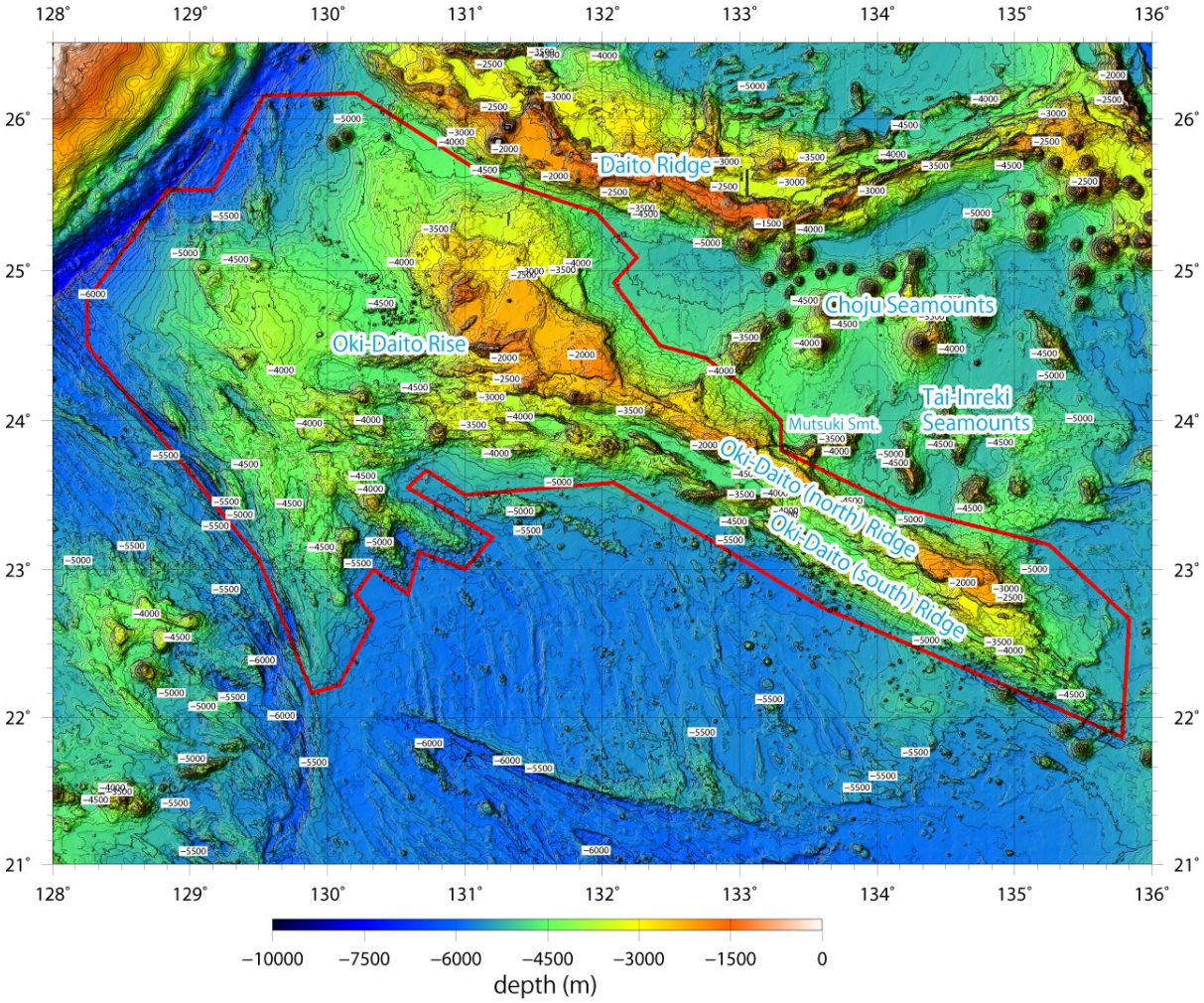

Fig. 1. Bathymetric map of the Oki-Daito Ridge. Contours are in 100 m.

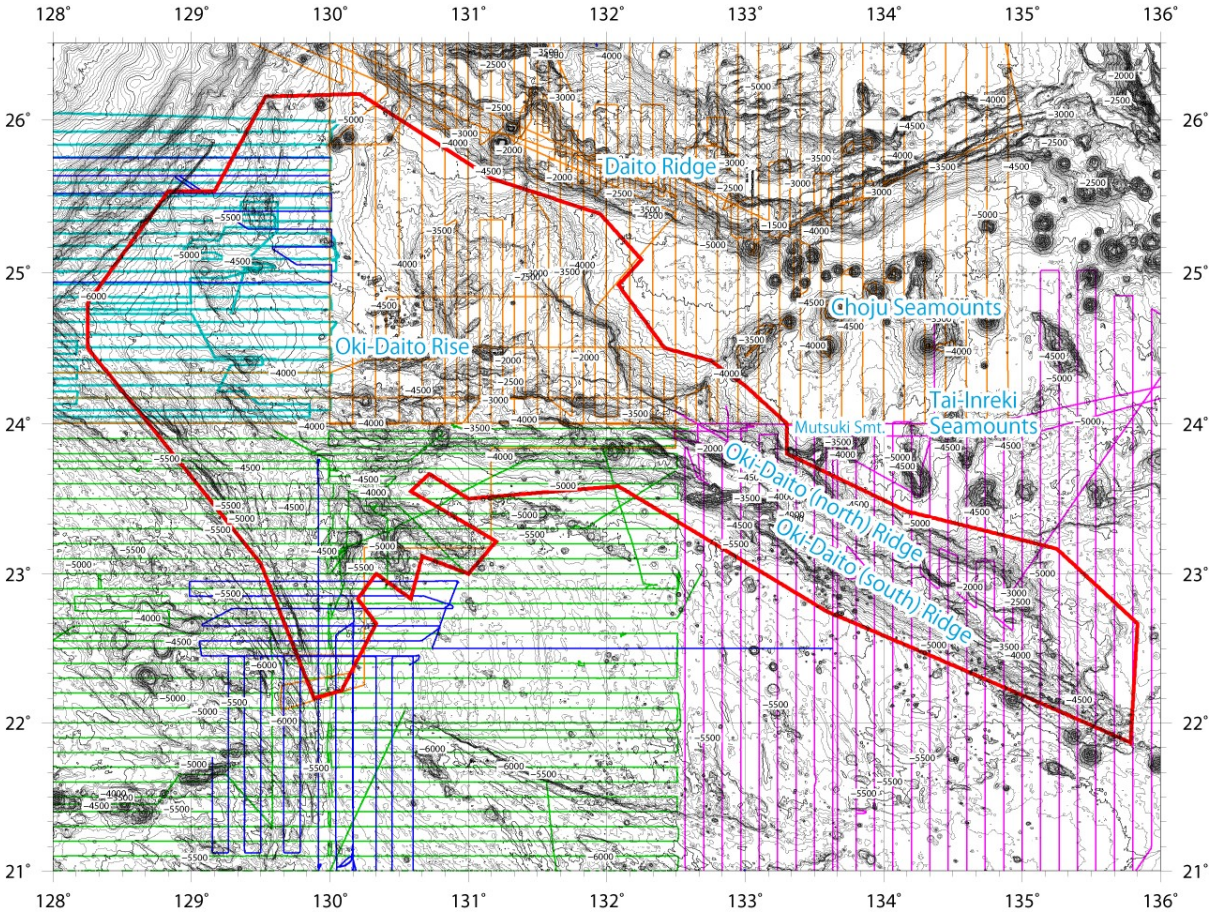

Fig. 2. Bathymetric map of the Oki-Daito Ridge, showing track lines. Tracklines in light blue are surveys in 1986 and 1987, in green are surveys in 1996 and 1997, in orange are surverys in 2001, in purple are surveys in 2003 and 2004, in dark blue are in 2005 and 2006. Contours are in 100 m.