

INTERNATIONAL HYDROGRAPHIC ORGANIZATION	INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)
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UNDERSEA FEATURE NAME PROPOSAL
(Sea NOTE overleaf)

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

Name Proposed:	Kamiarizuki Knoll	Ocean or Sea:	Philippine Sea
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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°58.63'N (summit)	135°06.66'E (summit)
	20°58.86'N	135°09.96'E
	20°55.38'N	135°09.84'E
	20°53.82'N	135°07.80'E
	20°55.68'N	135°04.26'E
	20°56.82'N	135°04.44'E
	20°57.24'N	135°05.22'E
	20°58.98'N	135°05.34'E
	21°00.18'N	135°06.78'E
21°00.12'N	135°08.28'E	

Feature Description:	Maximum Depth:	5800 m in depth	Steepness :	
	Minimum Depth :	4950 m in depth	Shape :	Slightly lobate
	Total Relief :	850 m	Dimension/Size :	13 km x 11 km

Associated Features:	None
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	W1004A, W1009, 6722

Reason for Choice of Name (if a person, state how associated with the feature to be named):	In Japanese, "Kamiarizuki" means October in the old calender in the Izumo District, a sacred district in Japan.
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Discovery Facts:	Discovery Date:	1990
	Discoverer (Individual, Ship):	The Japanese survey vessel "Takuyo"

Supporting Survey Data, including Track Controls:	Date of Survey:	Sep. – Oct. 1990 Jun. 1994 Oct. – Nov. 1994 May – Jun. 2004
	Survey Ship:	The Japanese survey vessel "Takuyo" and "Shoyo"
	Sounding Equipment:	Multibeam echo sounder Seabeam 210A (1990 and 1994) Seabeam 2112 (2004)

	Type of Navigation:	GPS with SA (1990 and 1994) GPS without SA (2004)
	Estimated Horizontal Accuracy (nm):	0.054 nm (100 m) in 1990 and 1994 0.014 nm (26 m) in 2004
	Survey Track Spacing:	See Fig. 2.
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	JCUFN
	Date:	May 16, 2014
	E-mail:	chart@jodc.go.jp
	Organization and Address:	Hydrographic and Oceanographic Department, Japan Coast Guard Aomi 2-5-18, Koto-ku, Tokyo, Japan
	Concurren (name, e-mail, organization and address):	

Remarks:	
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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
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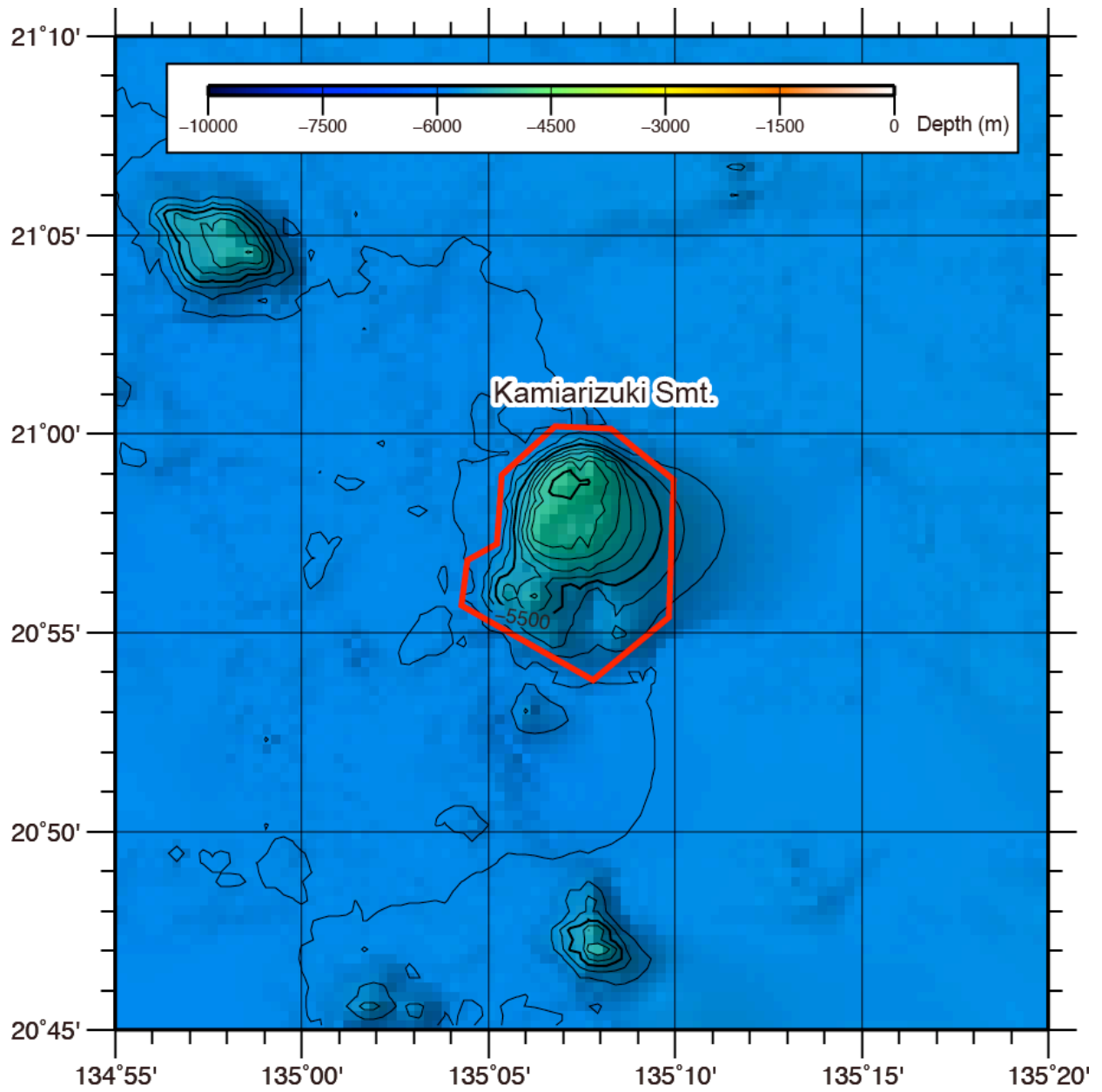


Fig.1. Bathymetric map of the Kamiarizuki Knoll. The bathymetric contour interval is 100 m.

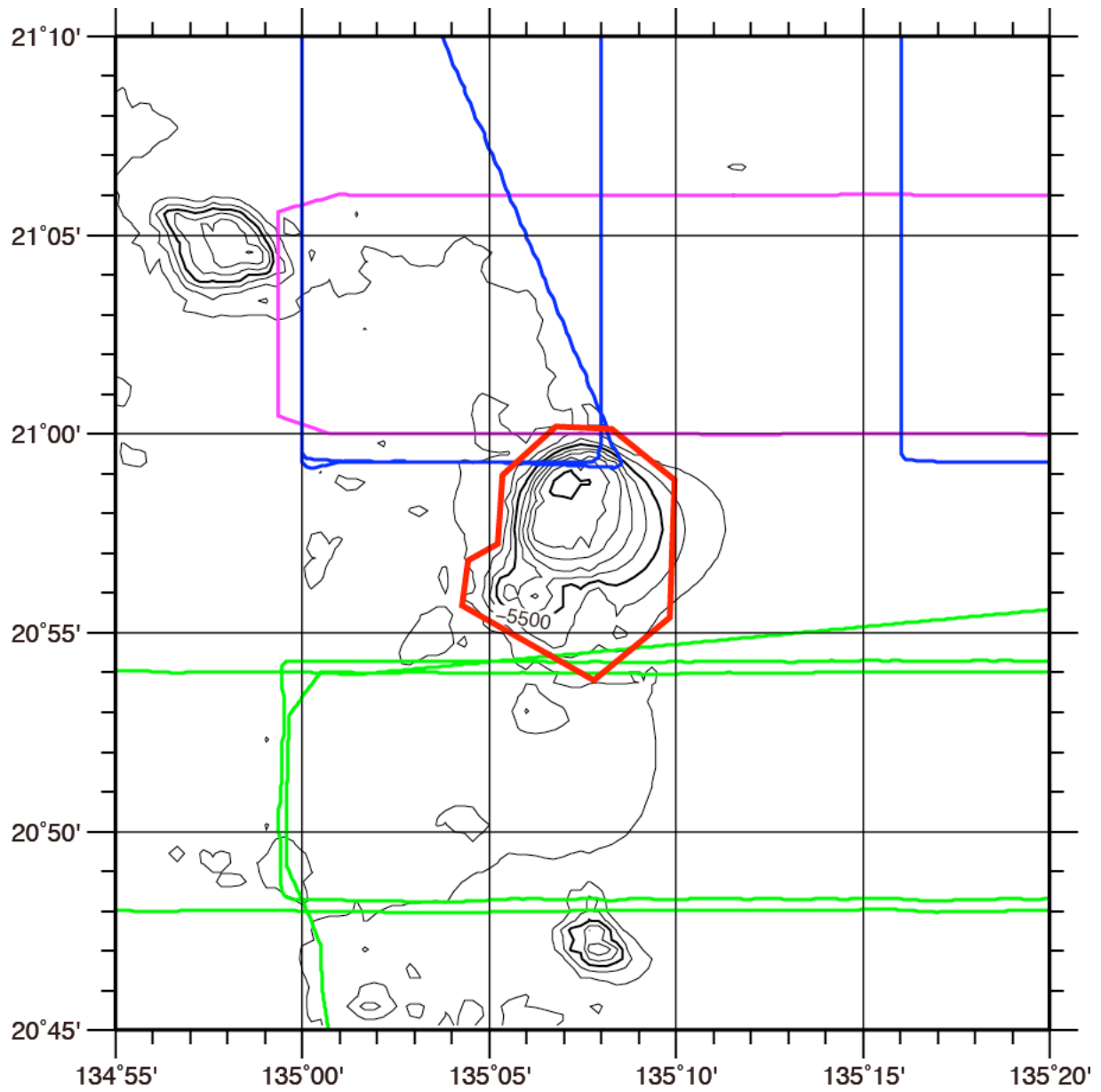
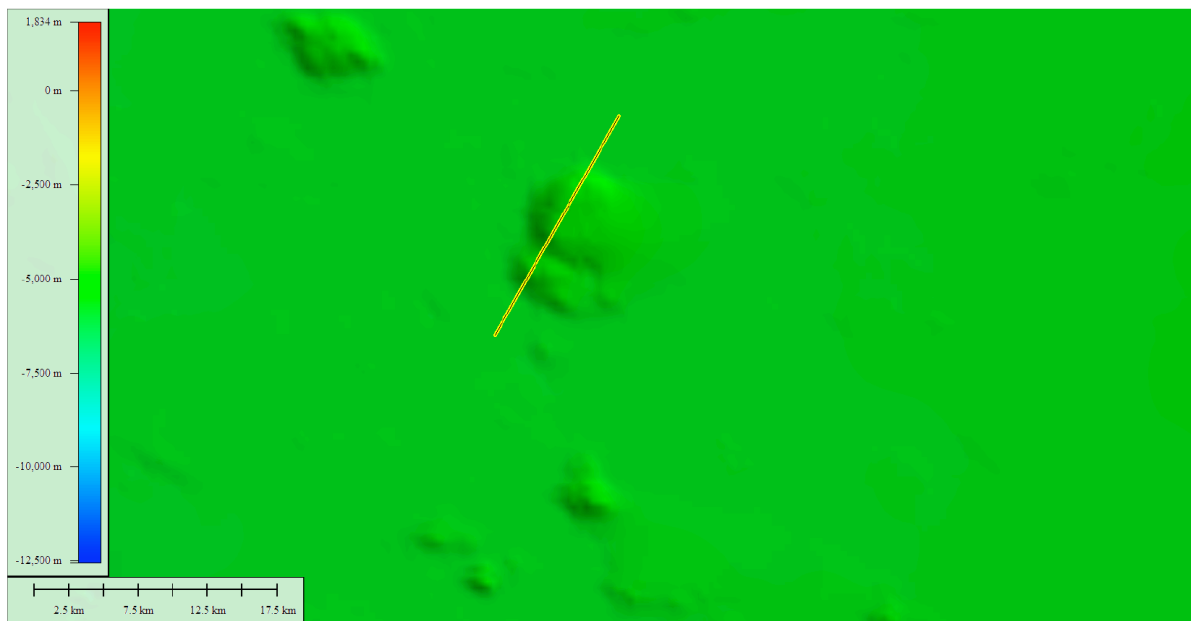
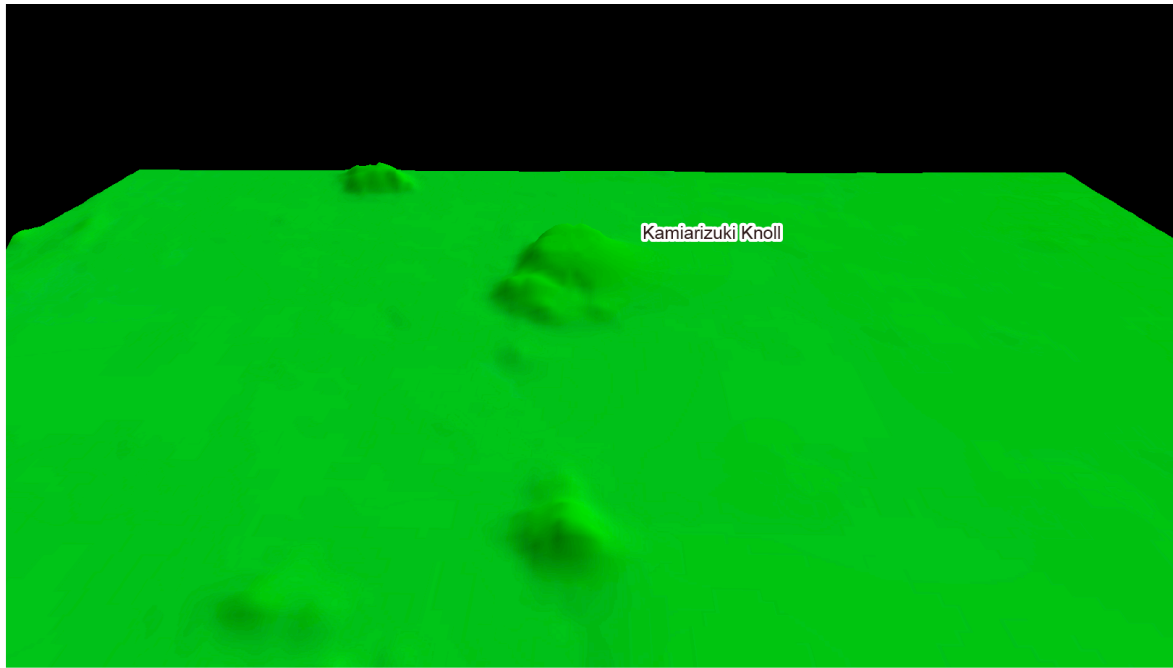


Fig.2. Bathymetric map of the Kamiarizuki Knoll, showing track lines (magenta for 1990, green for 1994 and blue for 2004). The bathymetric contour interval is 100 m.



From Pos: 135.0686535601, 20.8917055646

To Pos: 135.1486202829, 21.0329039495

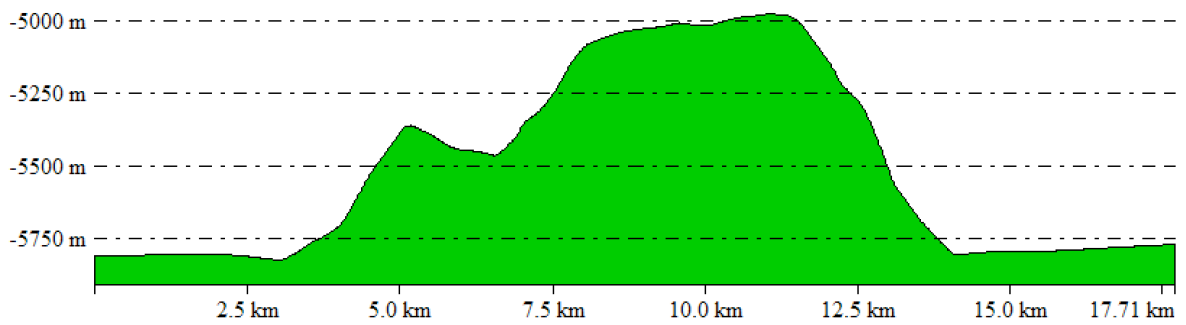


Fig.3. 3D image of the Kamiarizuki Knoll with a bathymetric profile.