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:	Kagen Basin	**Ocean or Sea:**	Philippine Sea

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:	22°47.81'N (deepest point)	137°05.4'E (deepest point)
	22°51.62'N	137°04.19'E
	23°02.24'N	137°05.73'E
	22°58.64'N	137°10.74'E
	22°49.22'N	137°10.36'E
	22°44.98'N	137°05.73'E
	22°41.47'N	137°06.25'E
	22°39.15'N	137°05.54'E
	22°32.26'N	137°00.42'E
	22°32.30'N	136°58.75'E
	22°35.60'N	136°55.50'E
	22°38.34'N	136°56.14'E
	22°45.84'N	137°03.16'E

Feature Description:	Maximum Depth:	5970 m in depth	Steepness :	
	Minimum Depth :	5000 m in depth	Shape :	Elongated
	Total Relief :	970 m	Dimension/Size :	60 km x 30 km

Associated Features:	Mikazuki Seamount, Jogen Basin (proposed)

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)**:**	It is named after waning moon because it is located near Mikazuki Seamount (= a crescent moon in Japanese).

Discovery Facts:	Discovery Date:	2003
	Discoverer (Individual, Ship):	The Japanese survey vessel "Takuyo" and "Shoyo"

Supporting Survey Data, including Track Controls:	Date of Survey:	Jan. 2003 Feb. – Mar. 2003
	Survey Ship:	The Japanese survey vessel "Takuyo" and "Shoyo"

	Sounding Equipement:	Multibeam echo sounder Seabeam 2112
	Type of Navigation:	GPS without SA
	Estimated Horizontal Accuracy (nm):	0.014 nm (26 m)
	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
	Concurrer (name, e-mail, organization and address):	

Remarks:	

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

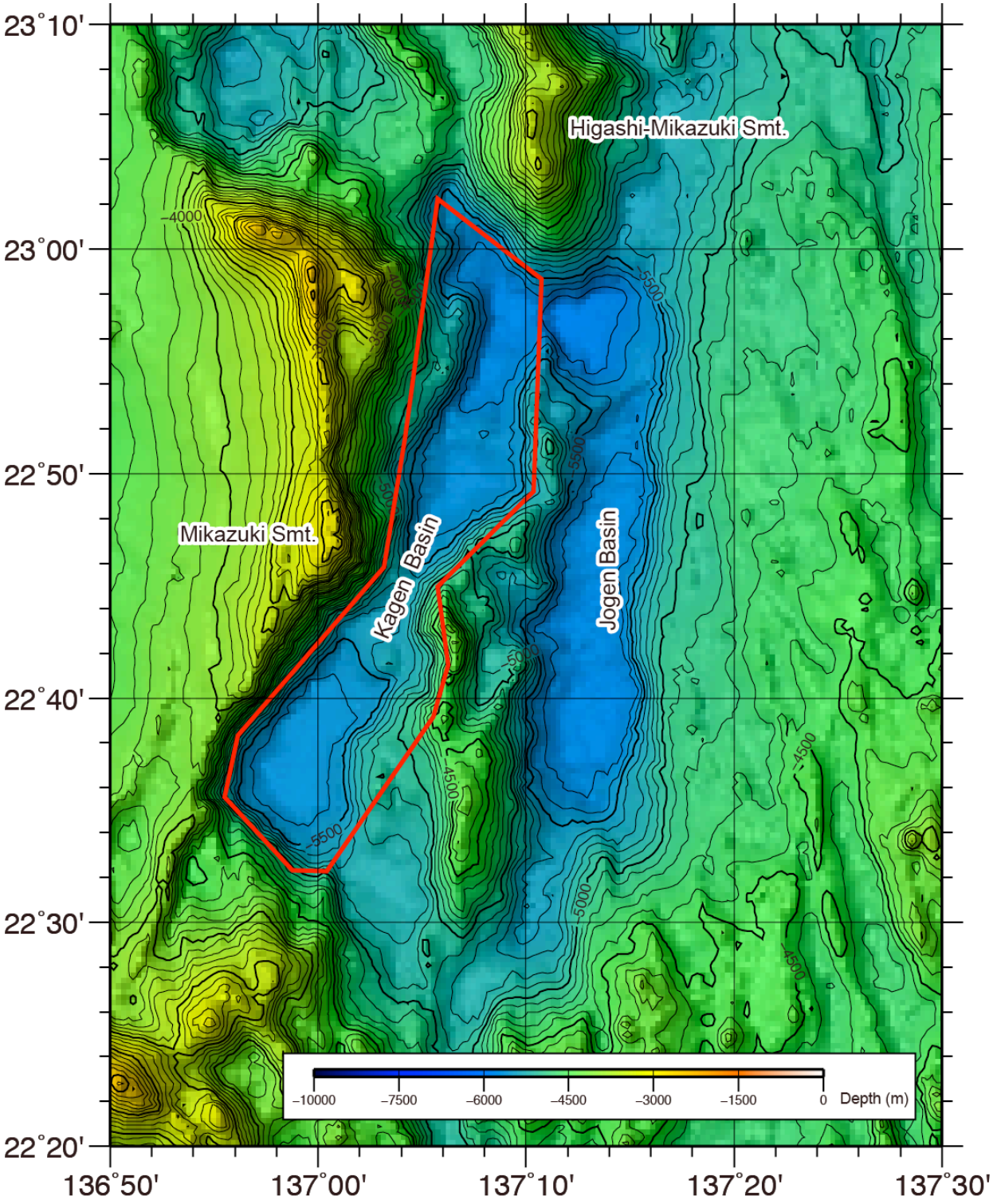

Fig.1. Bathymetric map of the Kagen Basin. The bathymetric contour interval is 100 m.

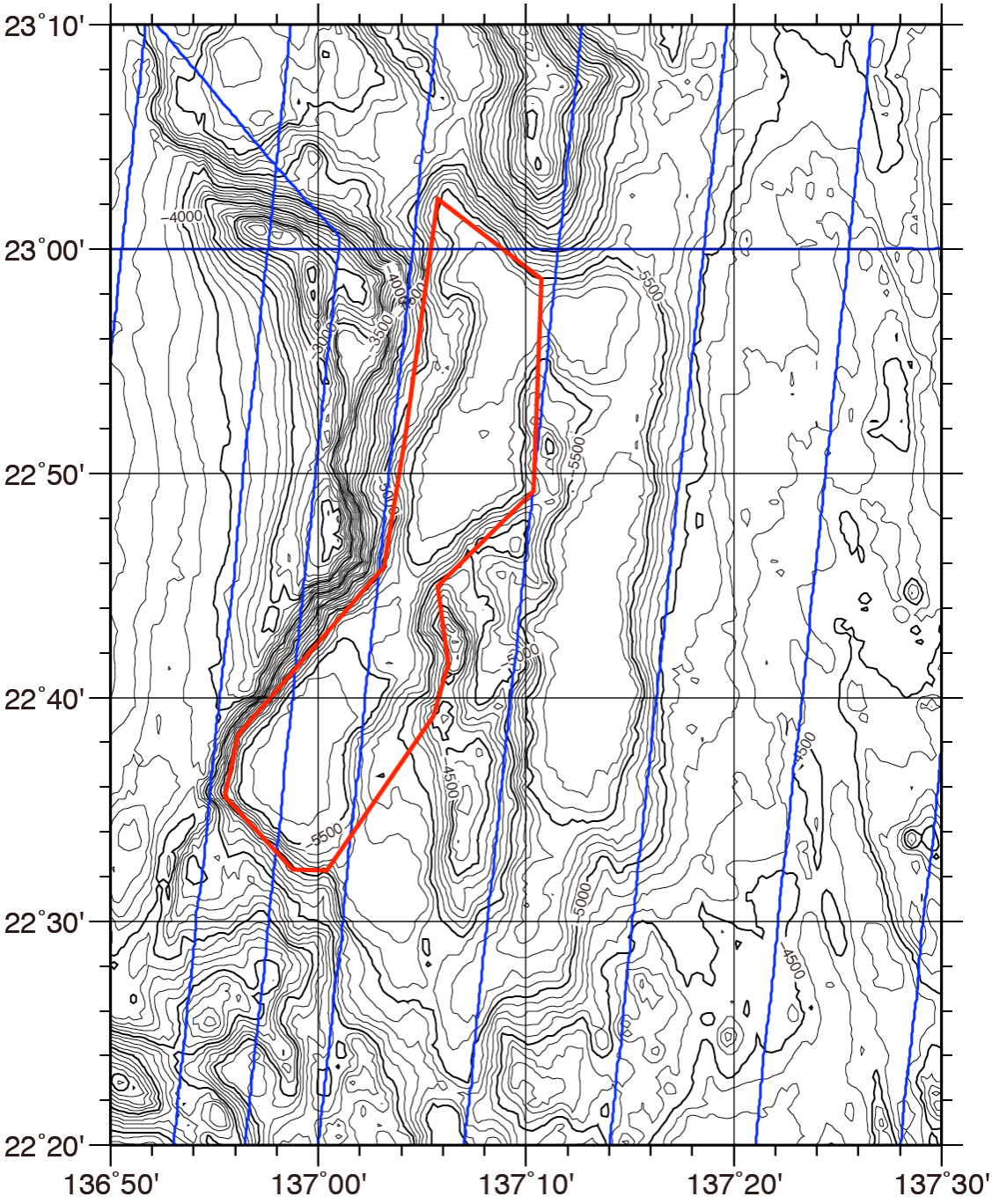

Fig.2. Bathymetric map of the Kagen Basin, showing track lines. The bathymetric contour interval is 100 m.

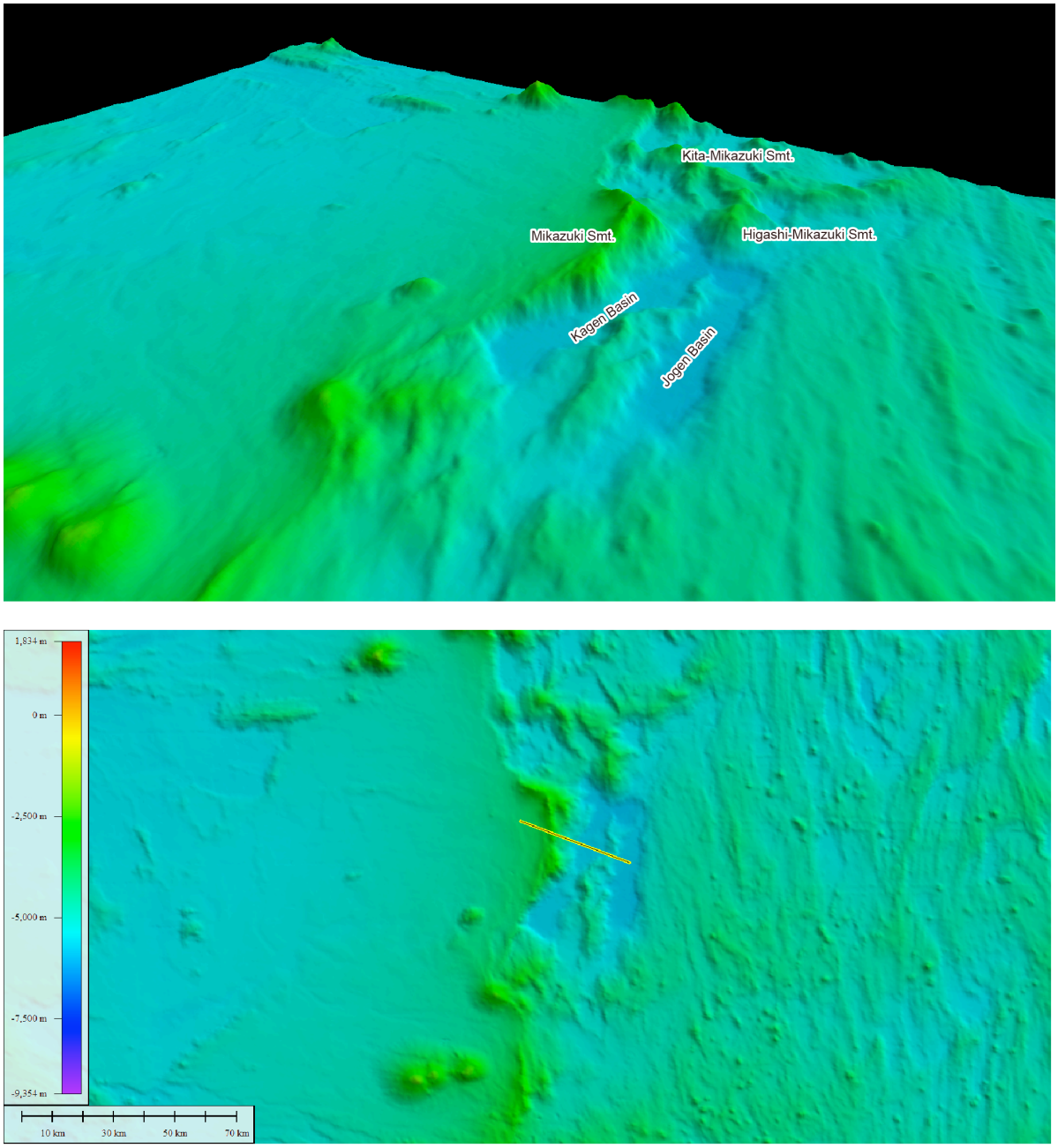

Fig.3. 3D image of the Kagen Basin with a bathymetric profile.