

UNDERSEA FEATURE NAME PROPOSAL
(See IHO-IOC Publication B-6 and **NOTE** overleaf)

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

Name Proposed:	Isabu Caldera		
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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		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)
Point Coordinates**:	13°14.83'N	149°37.70'E
Polygon Coordinates**:	13°15.80'N	149°37.87'E
	13°15.37'N	149°38.52'E
	13°15.08'N	149°38.76'E
	13°14.76'N	149°38.57'E
	13°14.28'N	149°38.56'E
	13°13.80'N	149°38.03'E
	13°13.81'N	149°37.18'E
	13°14.34'N	149°37.09'E
	13°14.80'N	149°36.72'E
13°15.53'N	149°36.84'E	
13°15.82'N	149°37.17'E	

** For quality control and to minimize risks of making errors, it is recommended to provide proposals in digital format (pdf) as well as geometry (point, line, ...) files in shape format.

Feature Description:	Maximum Depth:	5,010 m	Shape :	Circular depression
	Minimum Depth :	4,630 m		
	Total Relief :	380 m	Dimension/Size :	3.6km x 3.8km

Associated Features:	KIOST Seamount
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	INT 52, INT 506

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Isabu is the name of the Korean Research Vessel which discovered this feature, caldera.
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Discovery Facts:	Discovery Date:	25 February 2017
	Discoverer (Individual, Ship):	RV ISABU

Supporting Survey Data, including Track Controls:	Date of Survey:	25 February 2017
	Survey Ship / Platform:	RV ISABU
	Sounding Equipment:	Kongsberg Simrad EM122
	Positioning System:	DGPS (Kongsberg Seapath 330+)
	Estimated Horizontal Accuracy, in nautical miles (M):	0.0005 M
	Survey Track Spacing:	3 M
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	Korea Committee on Geographical Names (KCGN), Republic of Korea
	Date:	22 May 2019
	E-mail:	infokhoa@korea.kr
	Organization and Address:	Korea Hydrographic and Oceanographic Agency (KHOA) 351, Haeyang-ro, Yeongdo-gu, Busan, Republic of Korea
	Concurren (name, e-mail, organization and address):	Dr. Yosup Park, yosup@kiost.ac.kr, Korea Institute of Ocean Science and Technology (KIOST) 385, Haeyang-ro, Yeongdo-gu, Busan, Republic of Korea

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" or, if this does not exist or is not known, either to the IHO 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 IHO or to the IOC, at the following addresses :

International Hydrographic Organization (IHO) 4b, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: info@iho.int Web: www.iho.int	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org Web: http://ioc-unesco.org/
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Isabu Caldera

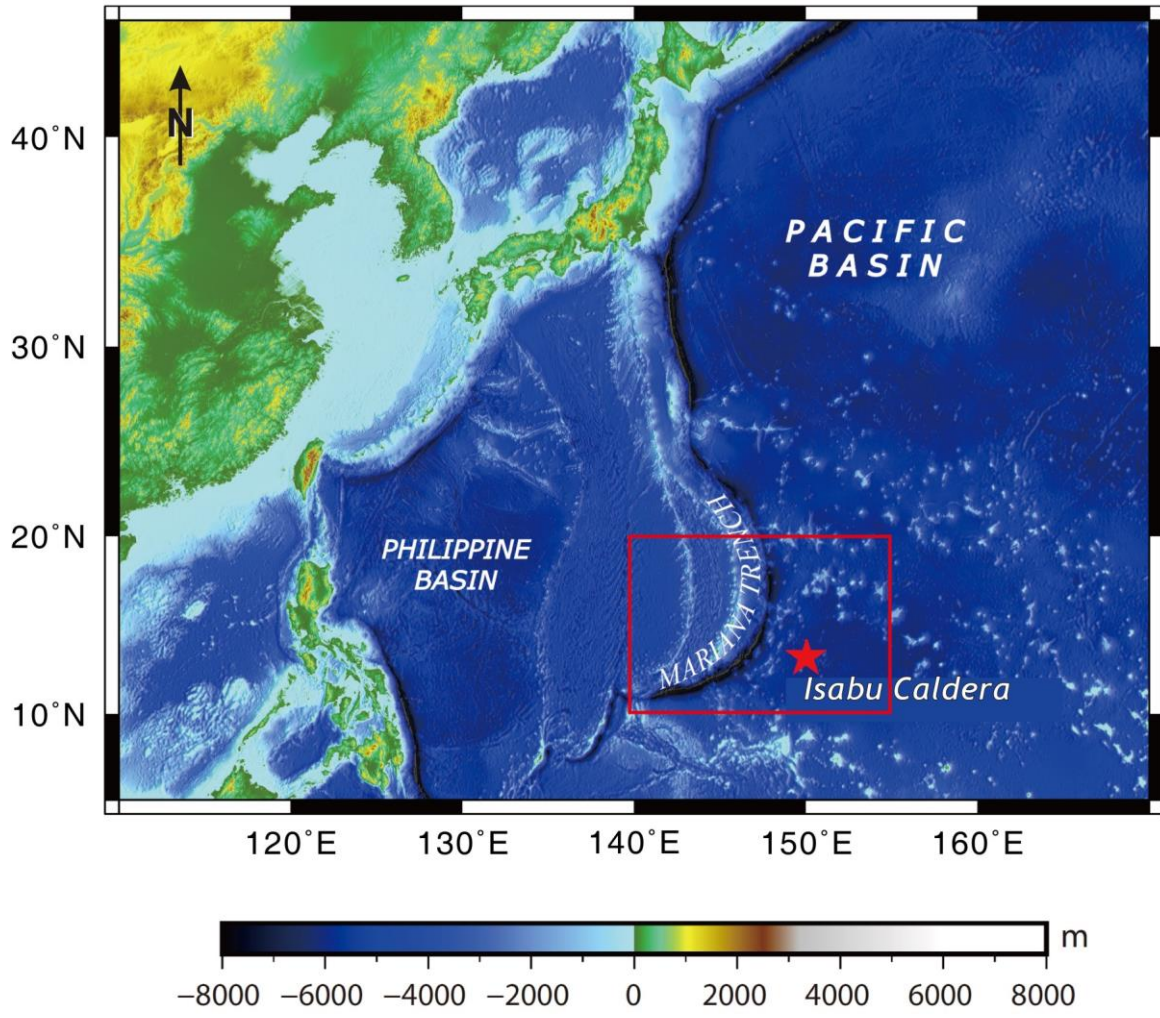


Fig.1. Index map of Isabu Caldera

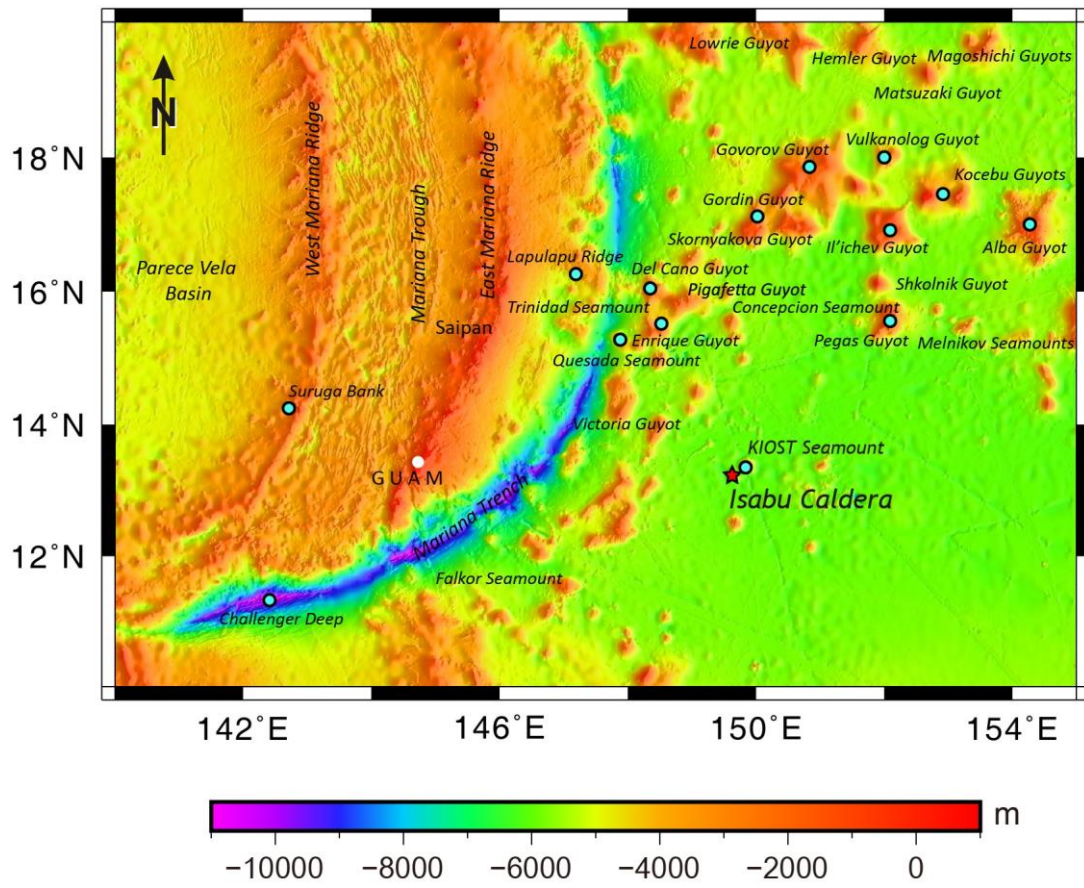


Fig.2. Regional bathymetry map with nearby undersea feature names on B-8

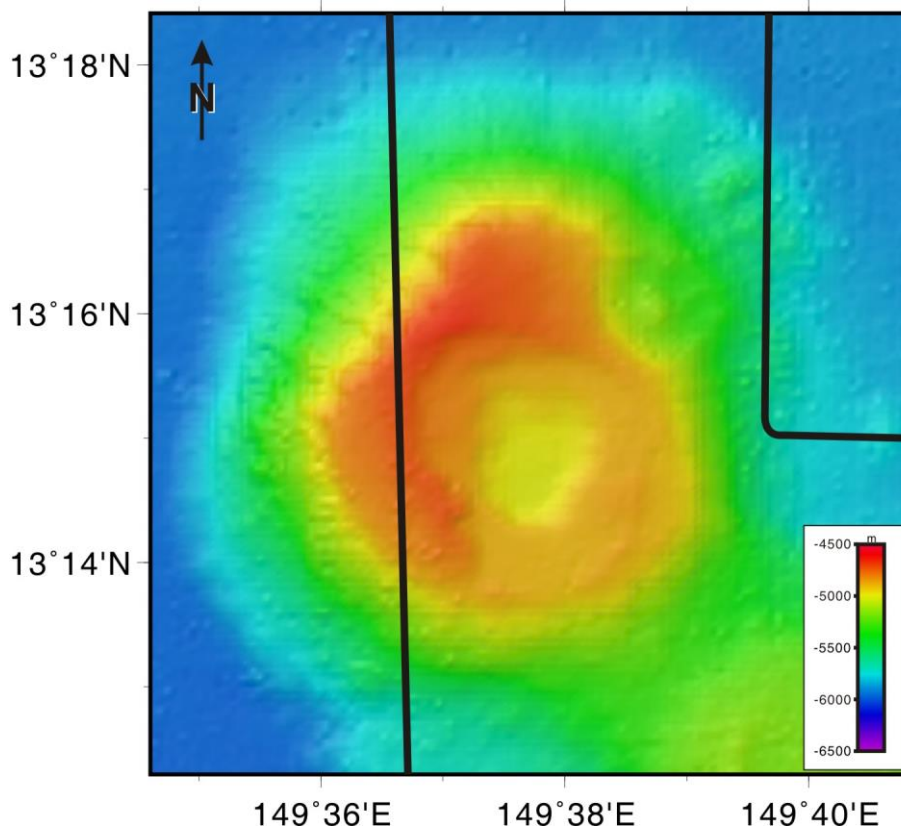


Fig.3. Track line and swaths in survey area

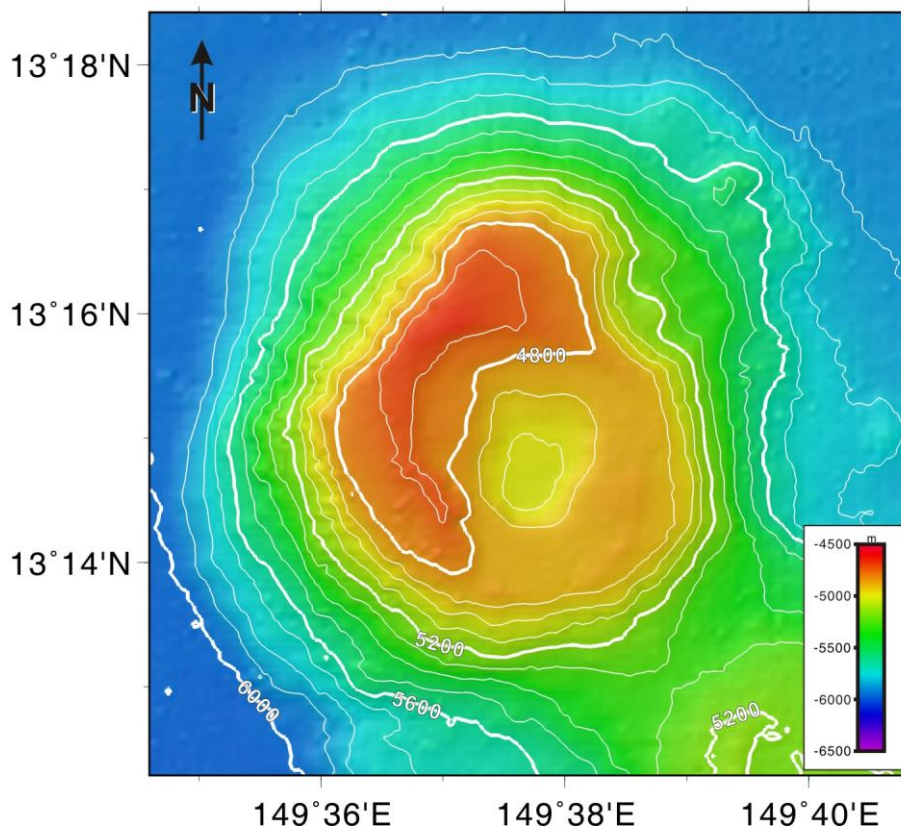


Fig.4. 2-D Bathymetric contour map of Isabu Caldera

Contour interval = 100 meters

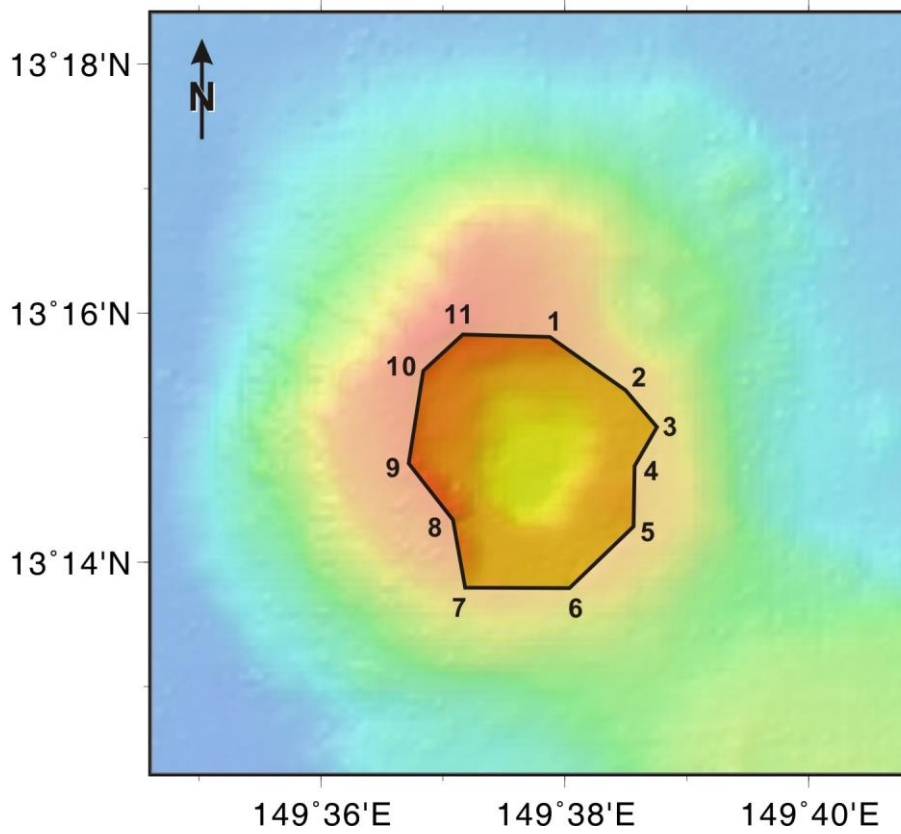


Fig.5. Polygon boundary of Isabu Caldera

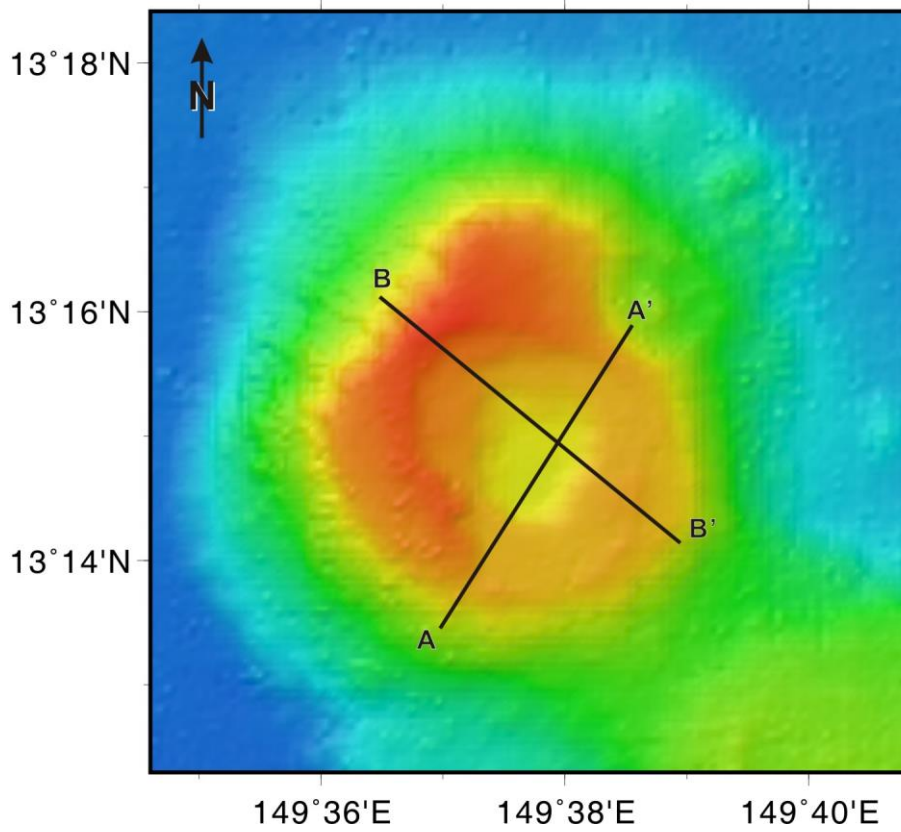


Fig.6. Locations of profiles across Isabu Caldera

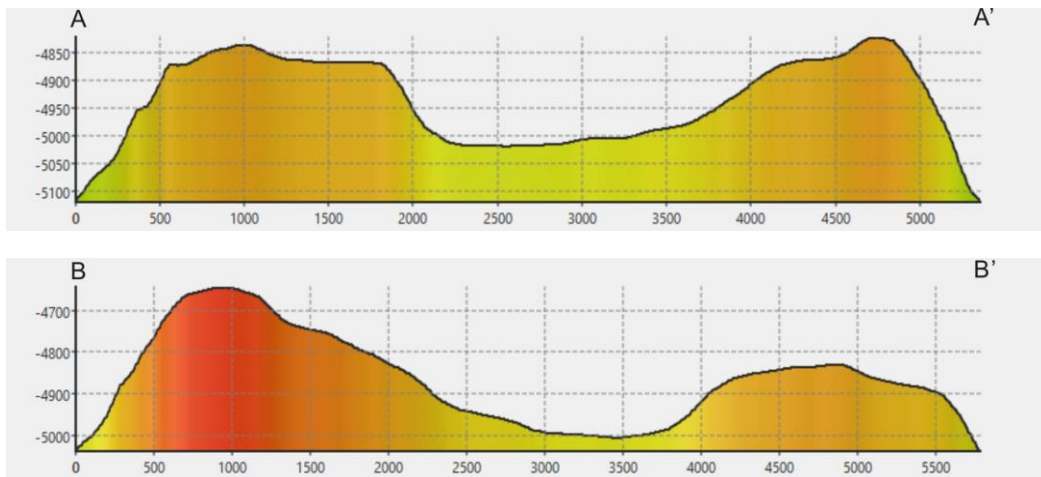


Fig.6a. Profiles across Isabu Caldera

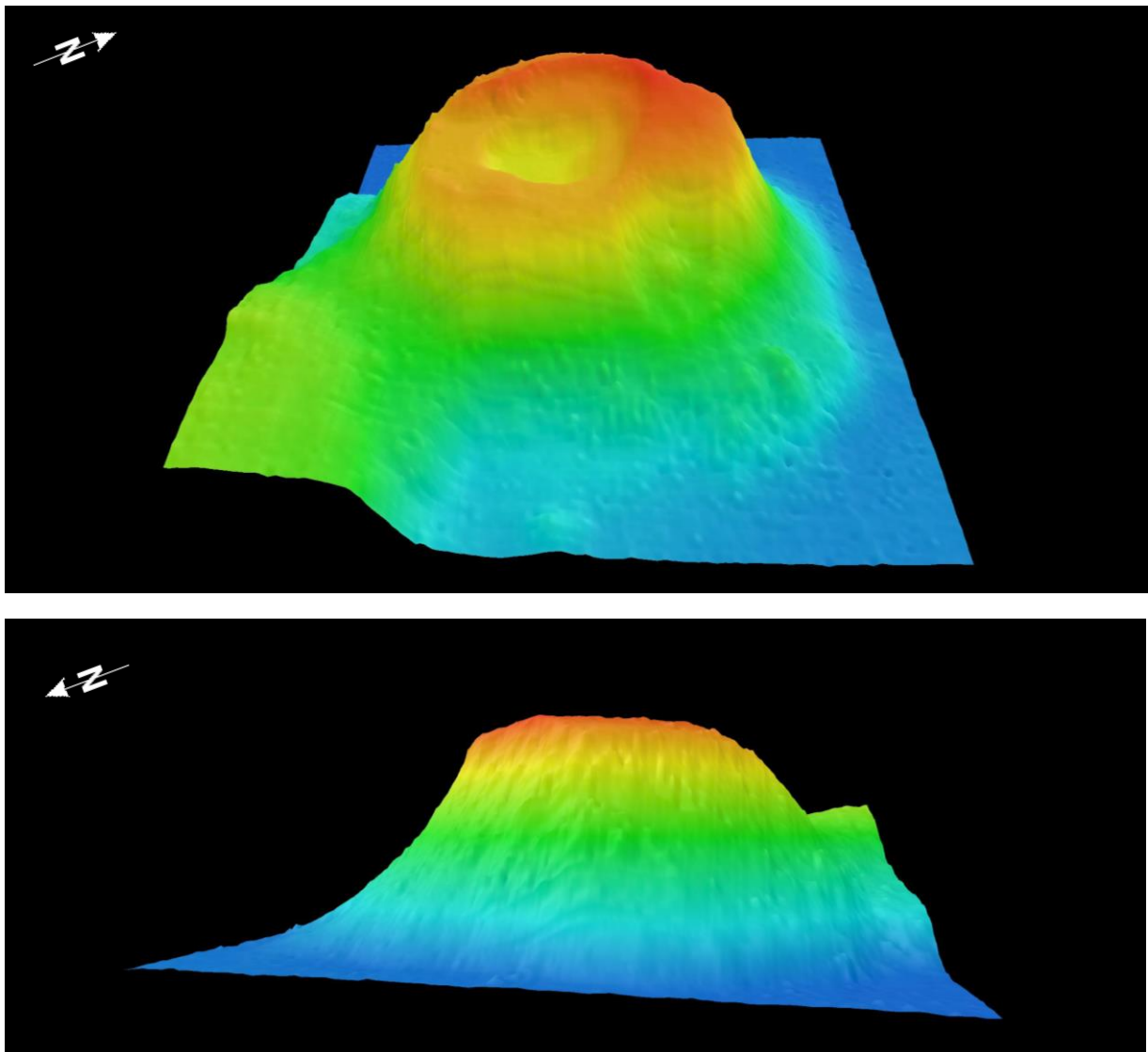


Fig.7. Side view of Isabu Caldera