

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:	KIOST Seamount	Ocean or 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		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°21.56' N	149°51.74' E
Polygon Coordinates:	13°21.88' N	149°42.87' E
	13°17.75' N	149°44.09' E
	13°13.4' N	149°47.82' E
	13°13.95' N	149°54.72' E
	13°15.1' N	149°58.52' E
	13°24.08' N	150°2.35' E
	13°30.51' N	149°52.25' E
	13°30.18' N	149°47.64' E
	13°27.78' N	149°44.59' E
	13°21.88' N	149°42.87' E

Feature Description:	Maximum Depth:	6,048 m	Steepness :	20 °
	Minimum Depth :	1,975 m	Shape :	Cone
	Total Relief :	4,073 m	Dimension/Size :	35 km x 33 km

Associated Features:	
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	INT 52, INT506

Reason for Choice of Name (if a person, state how associated with the feature to be named):	KIOST (Korea Institute of Ocean Science & Technology) is the research institute involved in discovering the seamount. 'KIOST seamount' is therefore proposed in order to commemorate its discovery.
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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:	RV ISABU
	Sounding Equipment:	Kongsberg Simrad EM122
	Type of Navigation:	DGPS
	Estimated Horizontal Accuracy, in nautical miles (M):	0.0005 nm
	Survey Track Spacing:	13 km (MBES)
	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:	23 August 2018
	E-mail:	infokhoa@korea.kr
	Organization and Address:	351, Haeyang-ro, Yeongdo-gu, Busan, Republic of Korea
	Concurrer (name, e-mail, organization and address):	Yosup Park, yosup@kiost.ac.kr, 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" (see Publication B-6) 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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KIOST Seamount

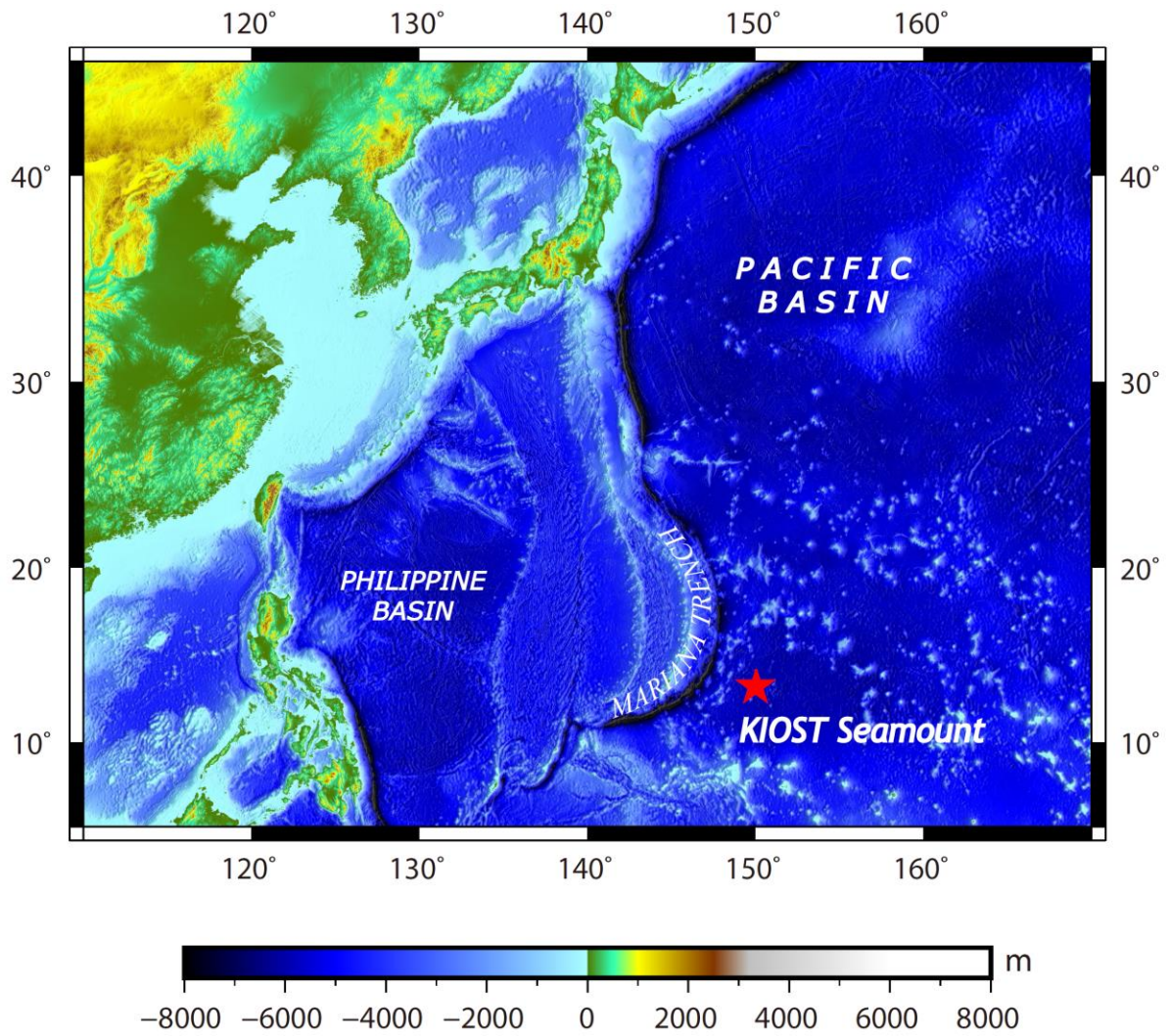


Fig.1. Index map of KIOST Seamount

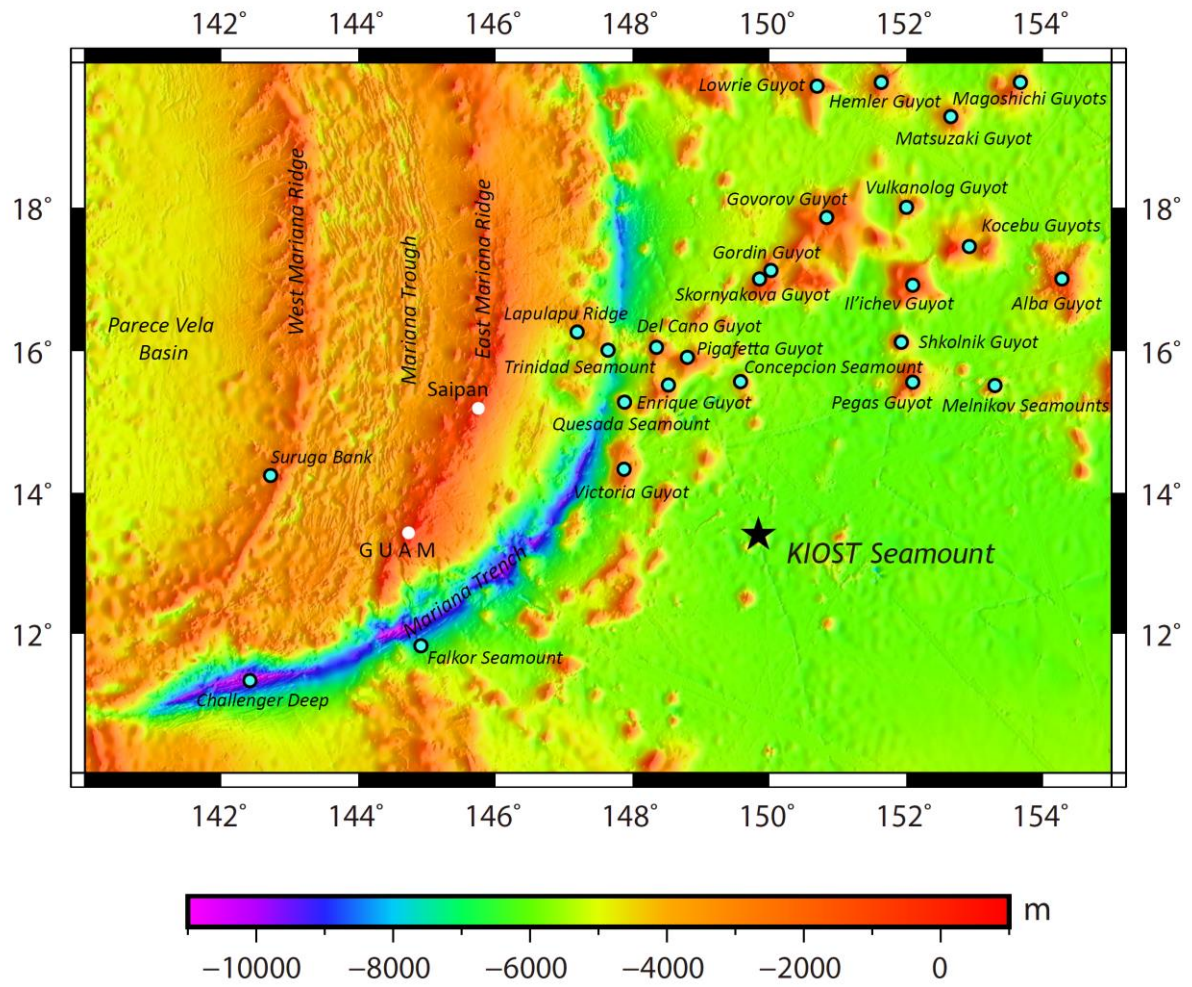


Fig.2. Regional bathymetry map with nearby undersea feature names on GEBCO B-8

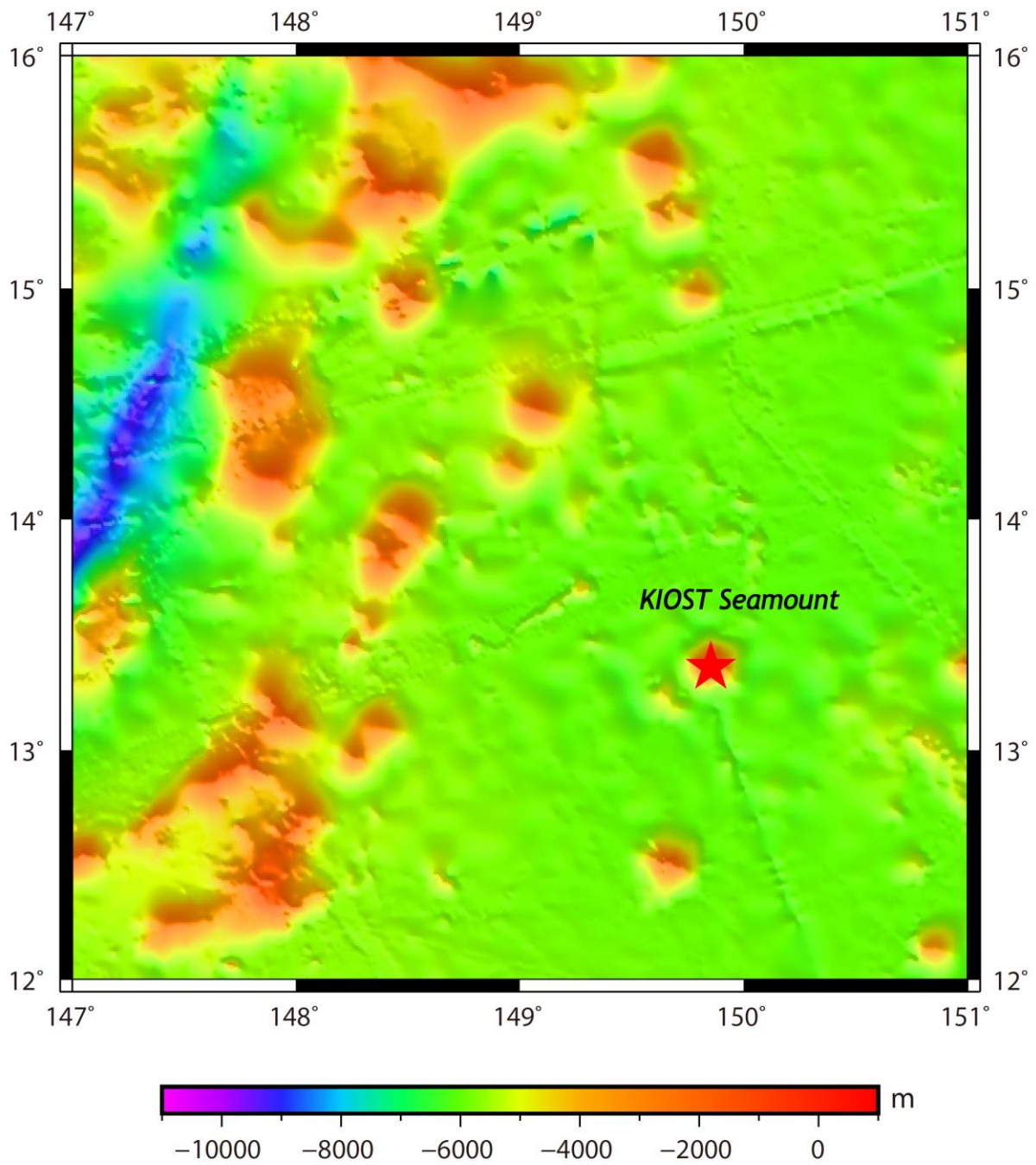


Fig.3. Large scale map of KIOST Seamount

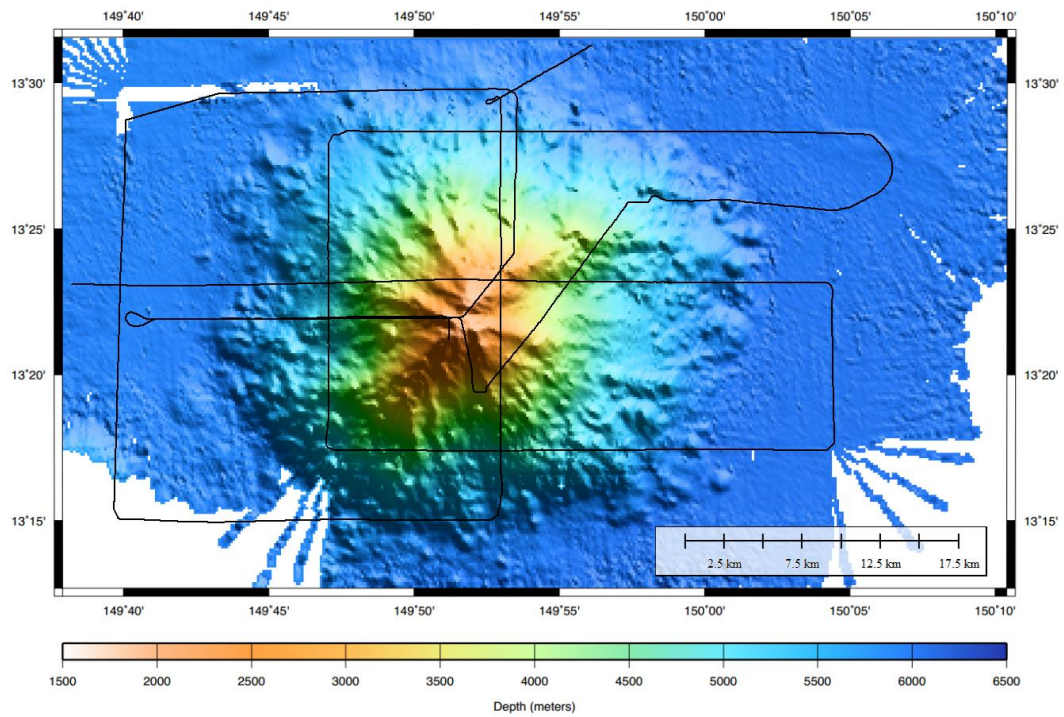


Fig.4. Track line and swaths in survey area

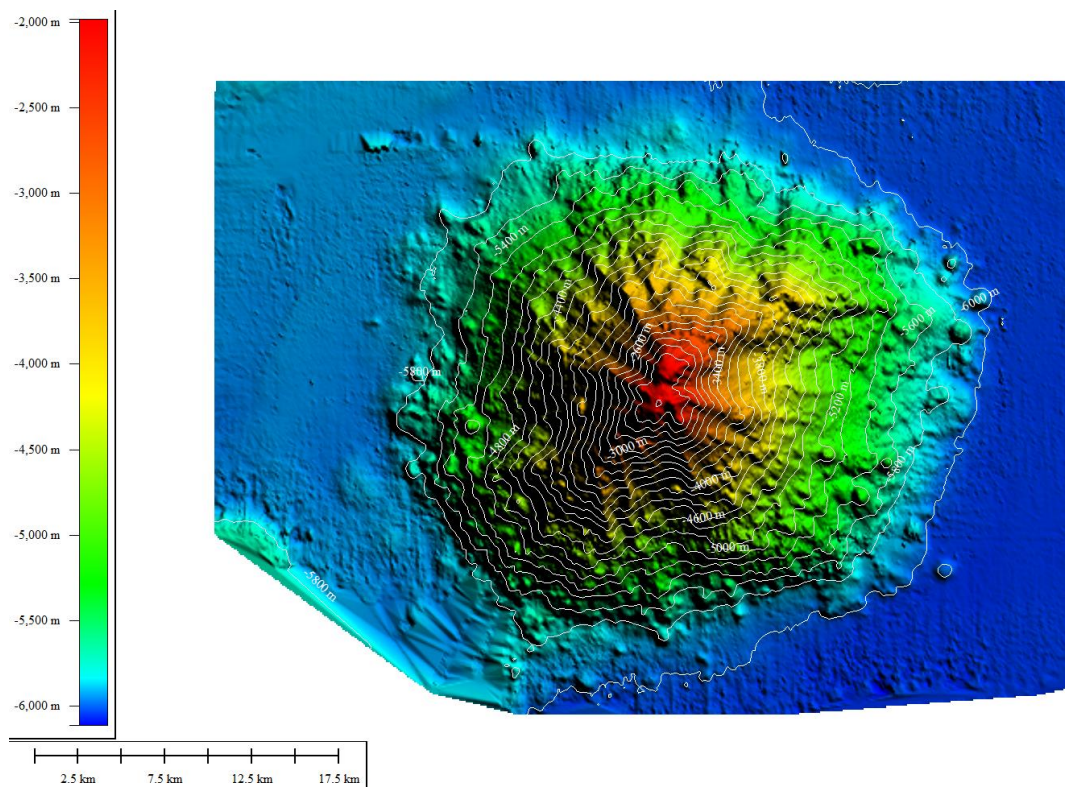


Fig.5. 2-D Bathymetric contour map of KIOST Seamount

Contour interval = 200 meters

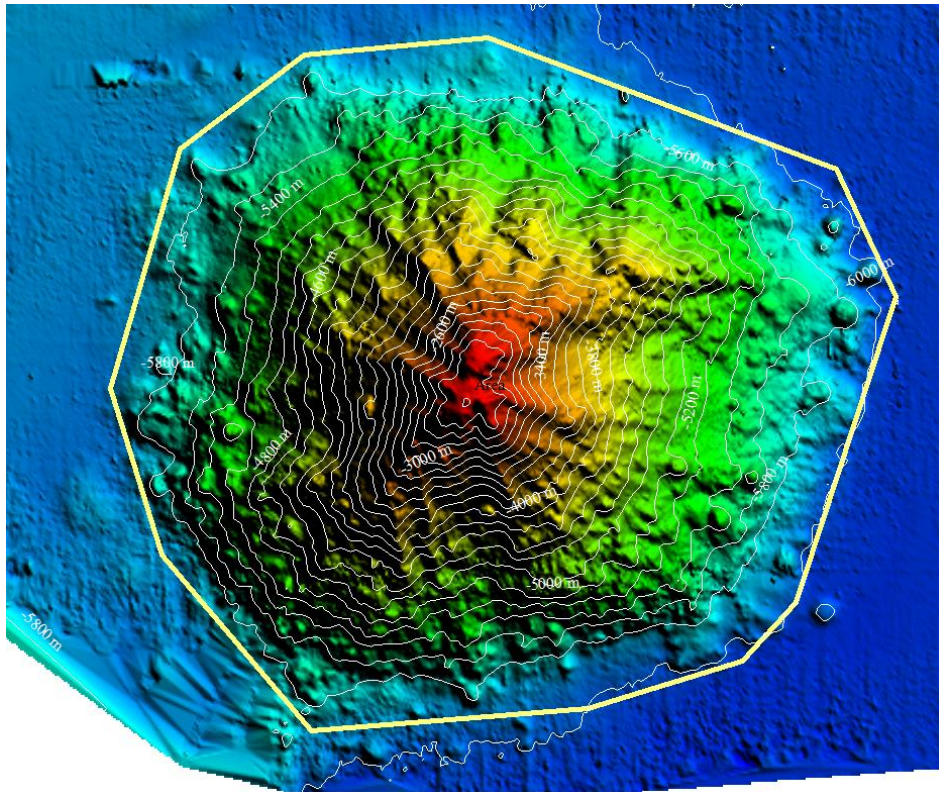


Fig.6. Polygon boundary of KIOST Seamount

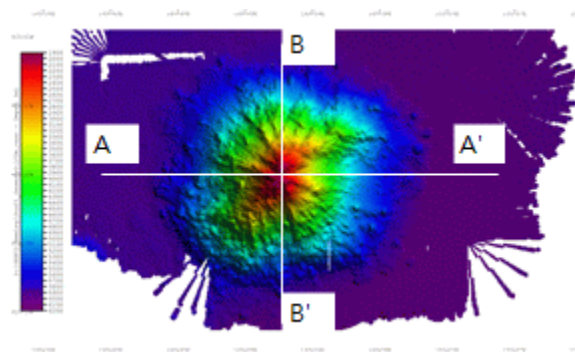


Fig.7. Locations of profiles across KIOST Seamount

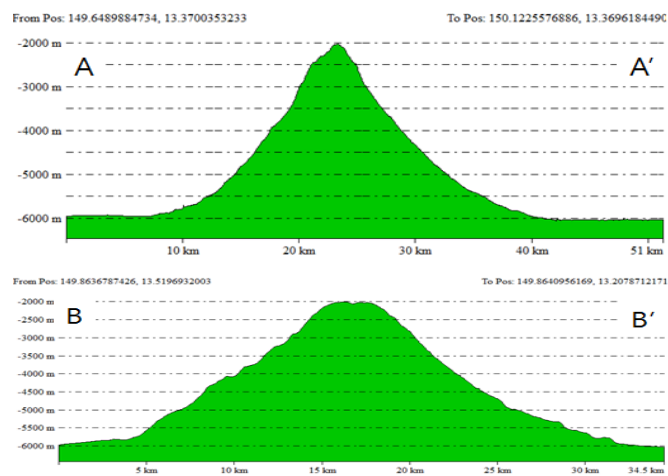


Fig.7a. Profiles across KIOST Seamount

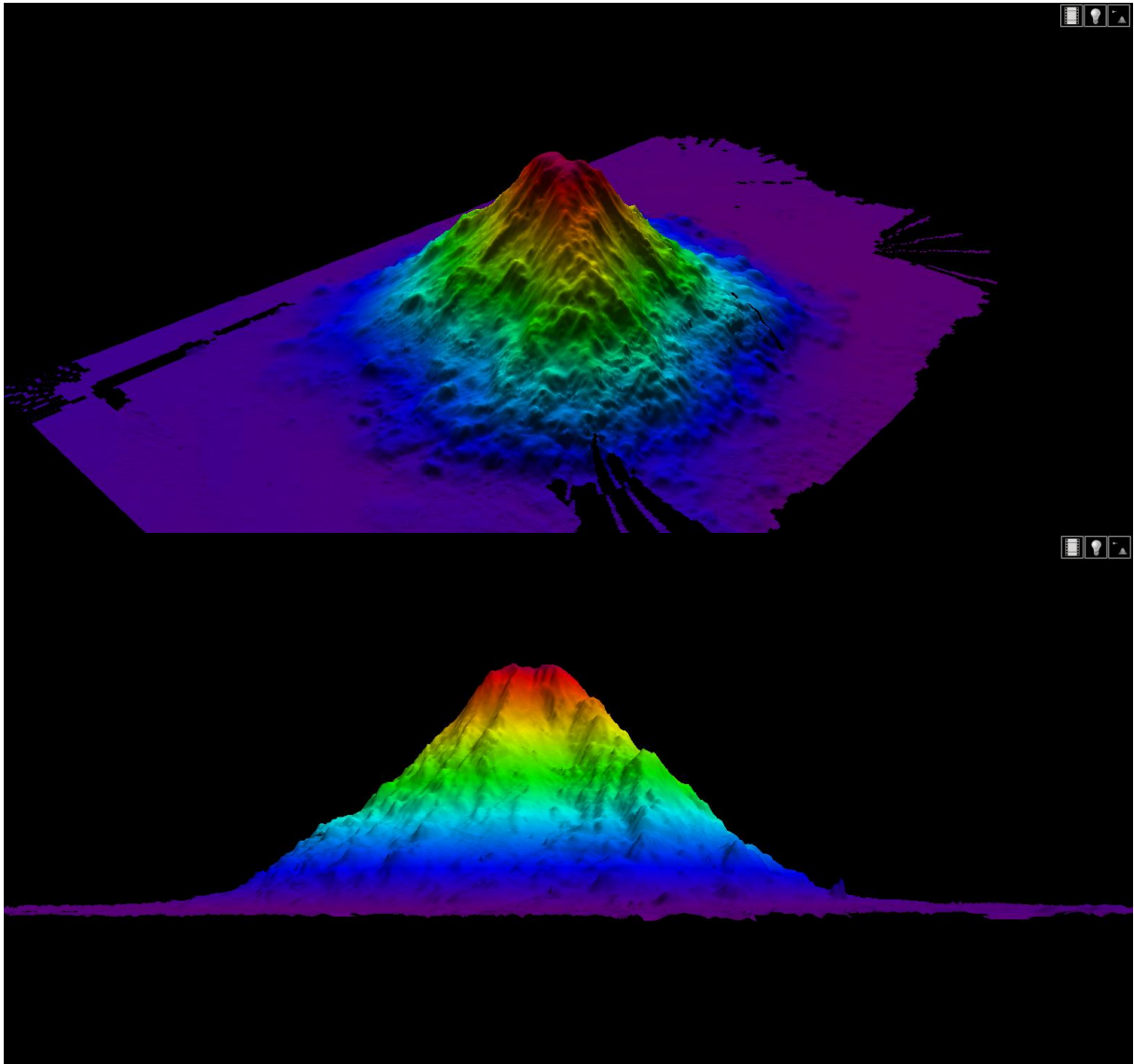


Fig.8. Side view of KIOST Seamount