

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:	Bayog Seamount	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		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:	16° 36.1'N (summit)	124° 10.4'E (summit)
	16° 42.3'N (bottom)	124° 9.5'E (bottom)
	16° 42'N	124° 10.7'E
	16° 40.5'N	124° 12.3'E
	16° 38.2'N	124° 14'E
	16° 37.2'N	124° 14.5'E
	16° 34'N	124° 12.6'E
	16° 30.5'N	124° 11.1'E
	16° 25.2'N	124° 11.5'E
	16° 24.2'N	124° 10.8'E
	16° 27.7'N	124° 8.4'E
	16° 30.2'N	124° 5.9'E
	16° 32'N	124° 5.4'E
	16° 36.2'N	124° 5'E
	16° 40.9'N (bottom)	124° 6.8'E (bottom)

Feature Description:	Maximum Depth:	940.87 m	Steepness:	10.61°
	Minimum Depth:	2845.856 mm	Shape:	Pointed shape
	Total Relief:	1904.986 m	Dimension/Size:	16,937 m x 33,280 m

Associated Features:	Philippine Rise (Benham Rise)
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Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	Chart 4726A
	Within Area of Map/Chart:	Chart 4726A

Reason for Choice of Name (if a person, state how associated with the feature to be named):	<i>Bayog</i> is a large tree that is endemic in primary forests at low and medium altitudes of the Philippines. It is considered medicinal and commonly used to treat inflammation, ulcers, and diabetes.
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Discovery Facts:	Discovery Date:	June 12 2010
	Discoverer (Individual, Ship):	NAMRIA

Supporting Survey Data, including Track Controls:	Date of Survey:	July 6 2009 June 10 2010 June 11 2010 June 12 2010 June 15 2008 September 13 2004
	Survey Ship:	BRP HYDROGRAPHER PRESBITERO
	Sounding Equipment:	Seabeam 2112
	Type of Navigation:	GPS with IMU
	Estimated Horizontal Accuracy, in nautical miles (nm):	0.027 nm (50m)
	Survey Track Spacing:	4,500m
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	Usec. PETER N. TIANGCO, PhD
	Date :	May 2019
	E-mail :	pntiangco@namria.gov.ph
	Organization and Address:	National Mapping and Resource Information Authority (NAMRIA) Lawton Avenue, Fort Andres Bonifacio, Taguig City, Philippines 1634
	Concurrer (name, e-mail, organization and address):	Department of Foreign Affairs (DFA), Roxas Boulevard, Pasay City, Philippines 1300 moao.div2@dfa.gov.ph Department of National Defense (DND), Camp Emilio Aguinaldo, Quezon City, Philippines 1110

Remarks:	The proposal was prepared by the Technical Working Group on Undersea Feature Names of the Hydrography Branch of NAMRIA, in cooperation with the National Institute of Geological Sciences – University of the Philippines and Mines and Geosciences Bureau.
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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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Attachments

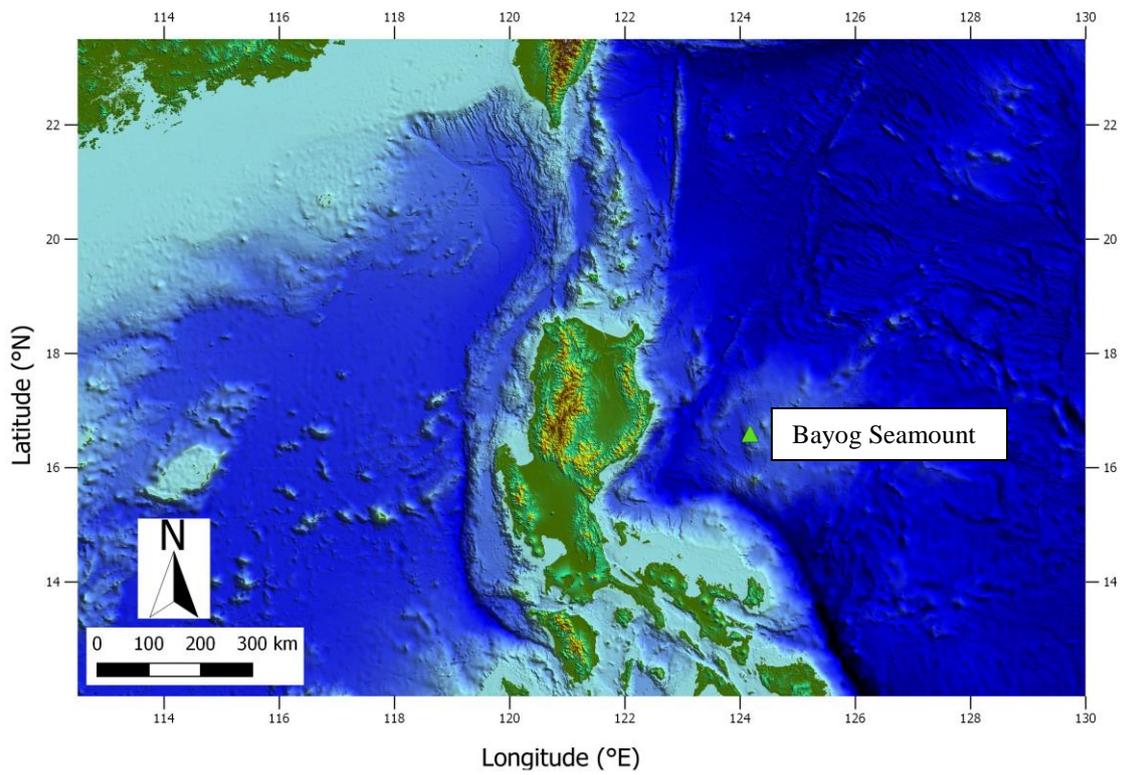


Figure 1. Index map showing the location of Bayog Seamount.

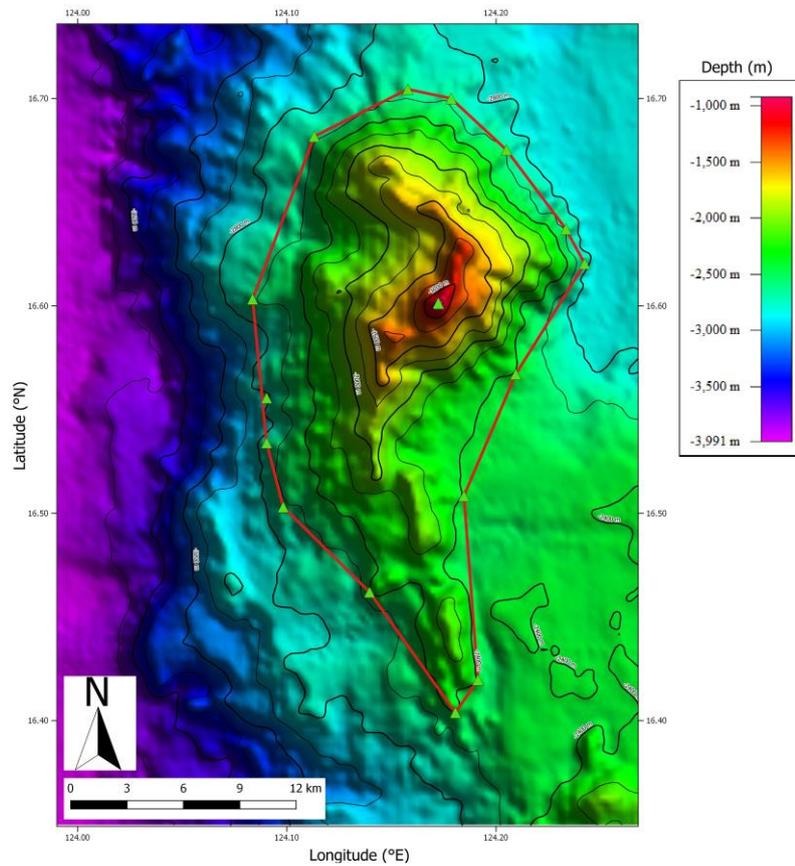


Figure 2. Bathymetric map of the Bayog Seamount. Contour interval is 200 meters.

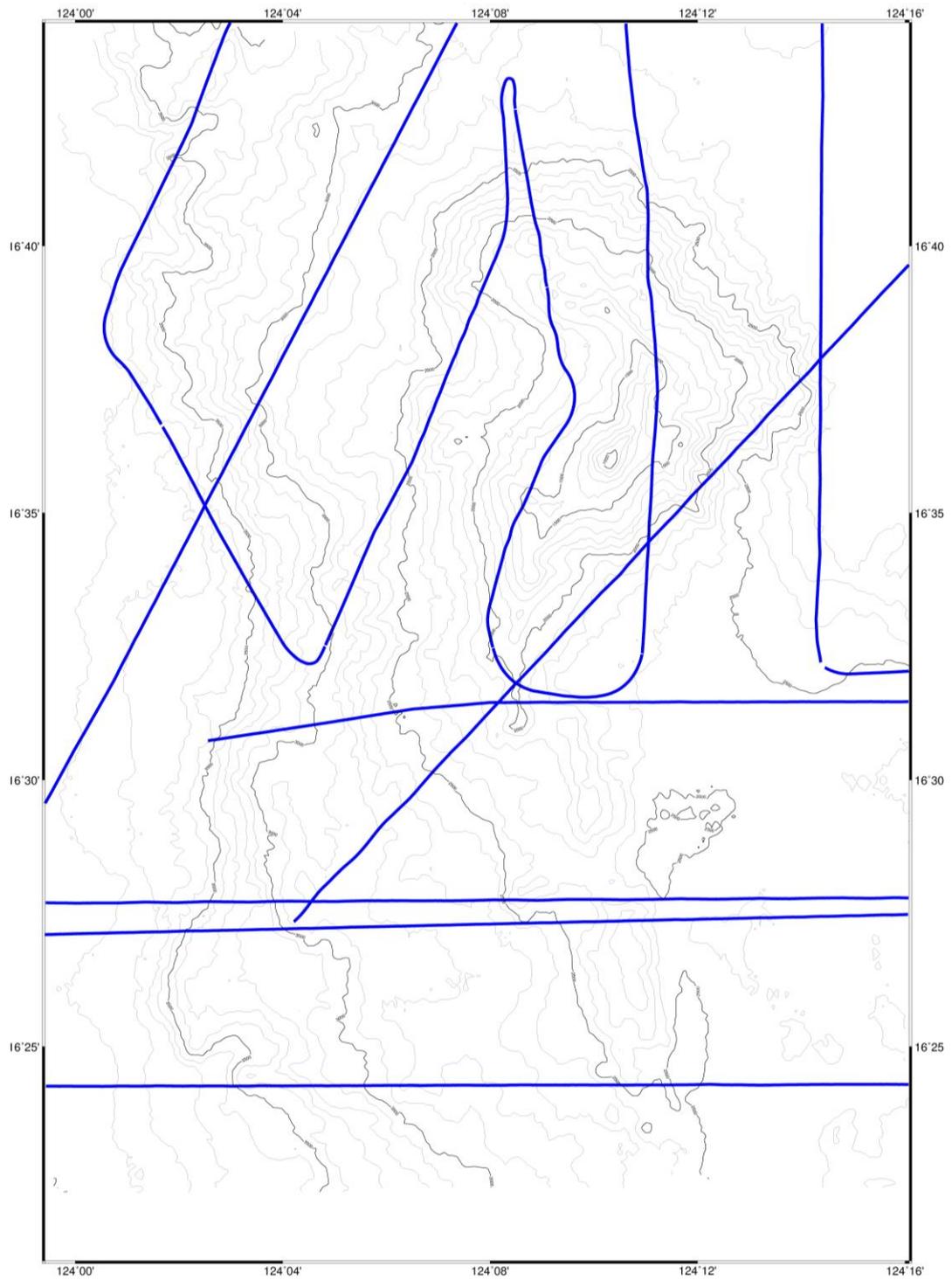


Figure 3. Bathymetric map of Bayog Seamount showing track lines.

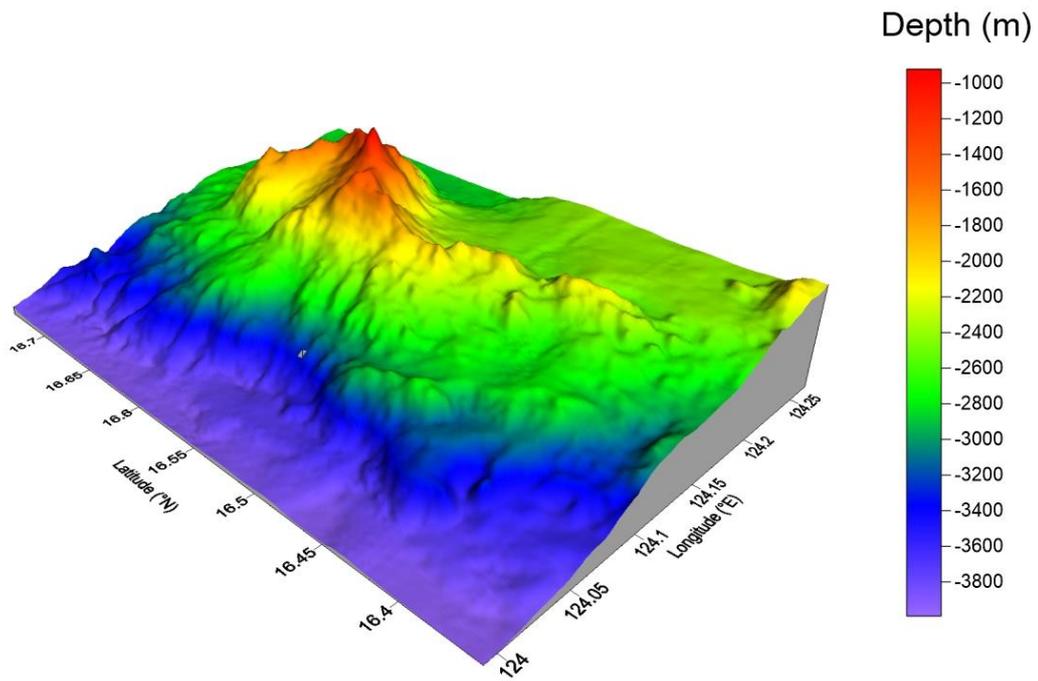


Figure 4. 3D bathymetric map of the Bayog Seamount. View looking northeast.

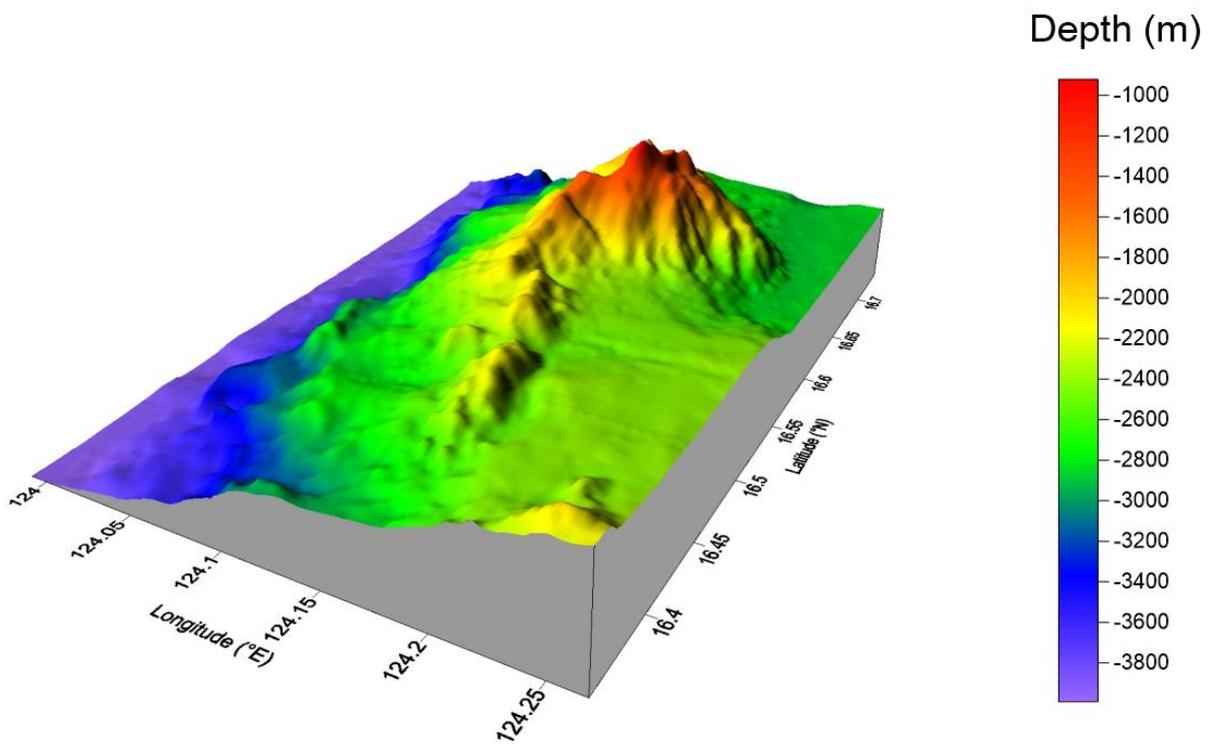


Figure 5. 3D bathymetric map of the Bayog Seamount. View looking northwest.

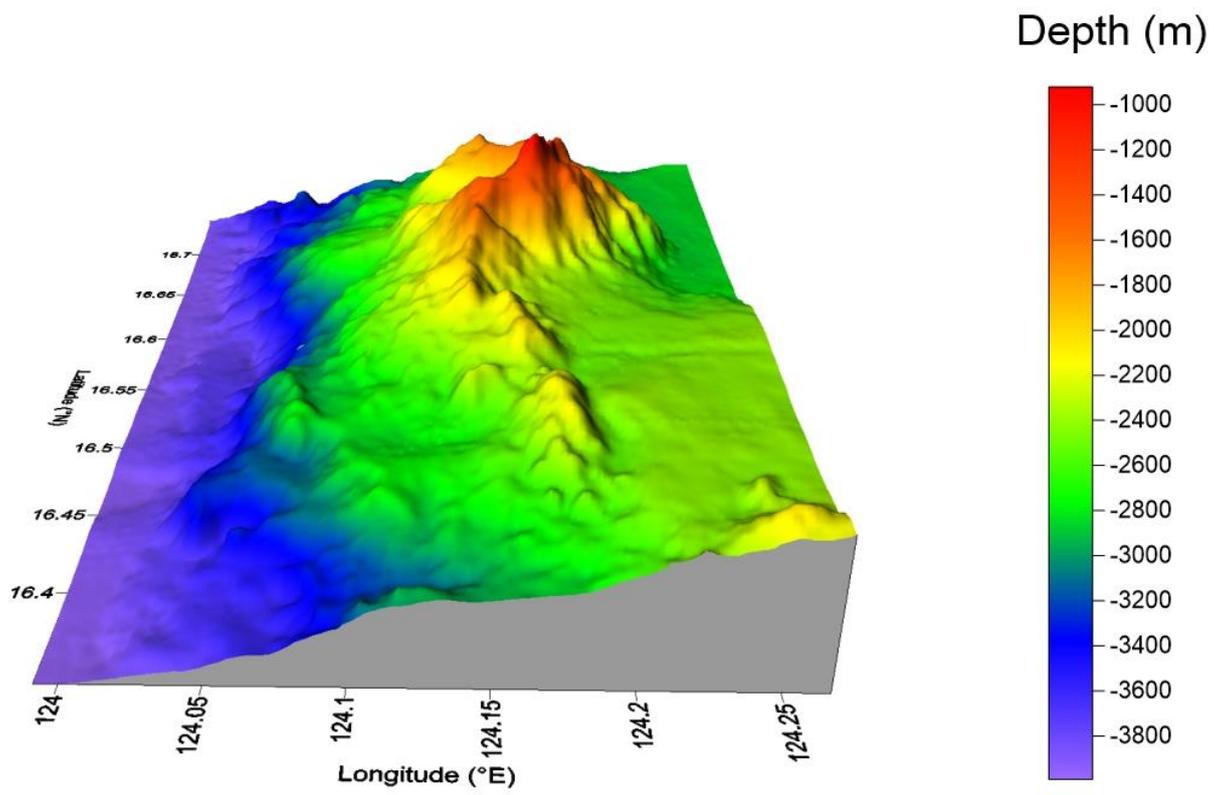


Figure 6. 3D bathymetric map of the Bayog Seamount, view looking north.

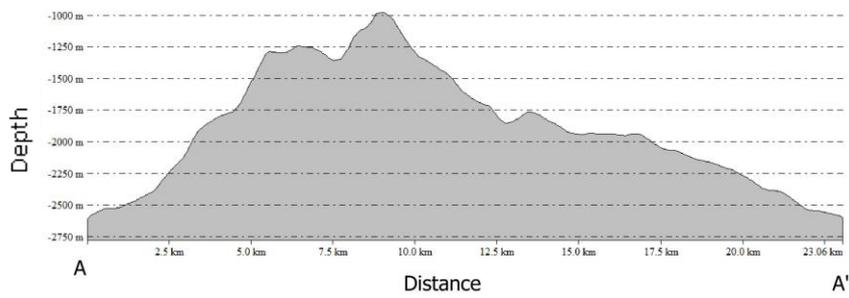
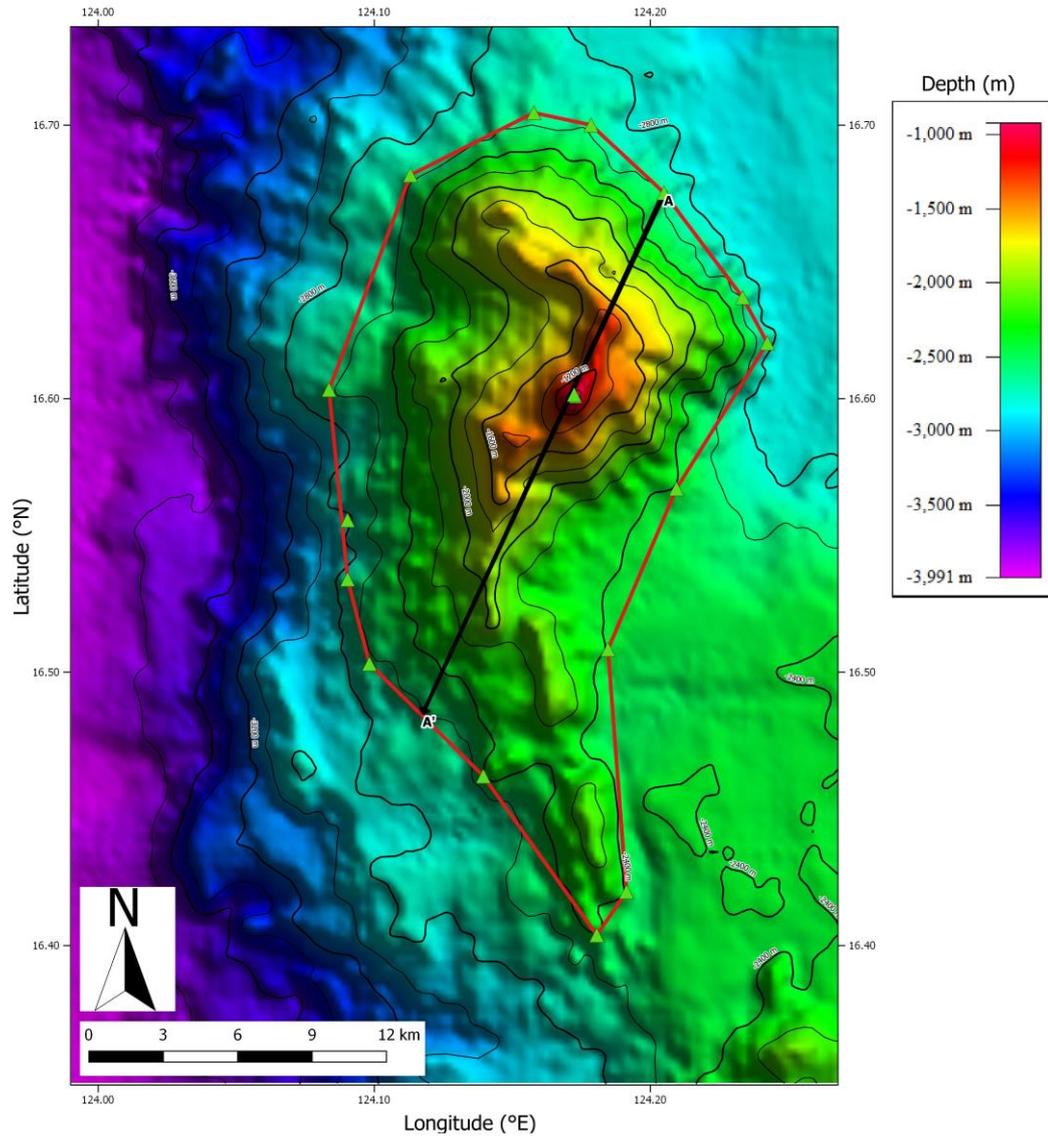


Figure 7. Profile of the Bayog Seamount from northeast to southwest edge with A-A'.