

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:	Akle 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:	18° 24.9'N	(summit)	126°24.6'E	(summit)
	18° 28.4'N	(bottom)	126° 20.3'E	(bottom)
	18° 29.3'N		126° 19.2'E	
	18° 29'N		126° 18.3'E	
	18° 30.1'N		126° 17.8'E	
	18° 30.8'N		126° 18.6'E	
	18° 30.4'N		126° 21'E	
	18° 31.1'N		126° 21.1'E	
	18° 31.5'N		126° 21.8'E	
	18° 31.1'N		126° 22.8'E	
	18° 31.4'N		126° 24.3'E	
	18° 30.7'N		126° 24.7'E	
	18° 30'N		126° 24.1'E	
	18° 28.8'N		126° 24.1'E	
	18° 27.7'N		126° 25.3'E	
	18° 28'N		126° 26'E	
	18° 27.1'N		126° 27.2'E	
	18° 26'N		126° 26.9'E	
	18° 24.9'N		126° 27.8'E	
	18° 23.7'N		126° 29.7'E	
	18° 22.4'N		126° 29.5'E	
	18° 22.1'N		126° 28.7'E	
	18° 22.1'N		126° 27.4'E	
	18° 22.1'N		126° 26.4'E	
	18° 21.3'N		126° 25.7'E	
	18° 21.7'N		126° 24'E	
	18° 22.5'N		126° 22.8'E	
	18° 24.2'N		126° 21.6'E	
	18° 23.3'N		126° 20.2'E	
	18° 22.6'N		126° 19.6'E	
18° 22.8'N		126° 18.8'E		
18° 23.5'N		126° 18.7'E		
18° 24.3'N		126° 19.5'E		
18° 25.4'N		126° 21.1'E		
18° 26.4'N		126° 20.9'E		
18° 26.7'N		126° 20'E		
18° 27.7'N		126° 19.8'E		
18° 28.4'N	(bottom)	126° 20.3'E	(bottom)	

Feature Description:	Maximum Depth:	5148 m	Steepness :	~9.45°
	Minimum Depth :	3394 m	Shape :	Irregular
	Total Relief :	1754 m	Dimension/Size :	22063 m x 18927 m

Associated Features:	Philippine Rise (Benham Rise)	
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):	<p><i>Akle</i> is a medium-sized deciduous tree. Intolerant to shade, it is found in humid lowland forests of the Philippines. The wood is one of the best materials for cabinetmaking because of its color, good-grain quality, and durability. It is also used for gunstocks, carvings, sculpture, and musical instruments, as well as for interior finish, panels, and high-grade furniture.</p>	
Discovery Facts:	Discovery Date:	June 14 2008
	Discoverer (Individual, Ship):	NAMRIA
Supporting Survey Data, including Track Controls:	Date of Survey:	June 11-12 & 14, 2008
	Survey Ship:	BRP HYDROGRAPHER PRESBITERO
	Sounding Equipment:	Seabeam 2112
	Type of Navigation:	GPS with IMU
	Estimated Horizontal Accuracy, in nautical miles (M):	50m (0.027 nm)
	Survey Track Spacing:	4500 m (2.4 nm)
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	

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/>

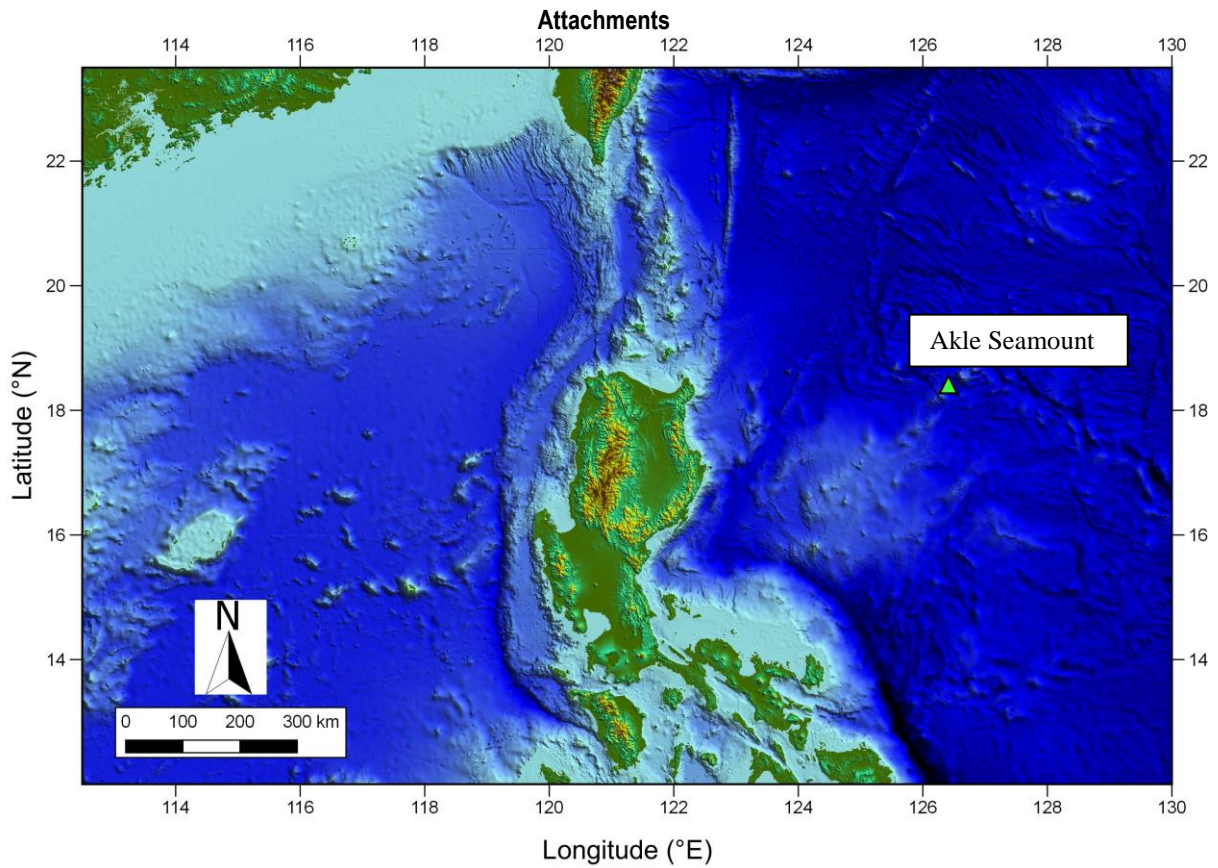


Figure 1. Index map showing the location of Akle Seamount.

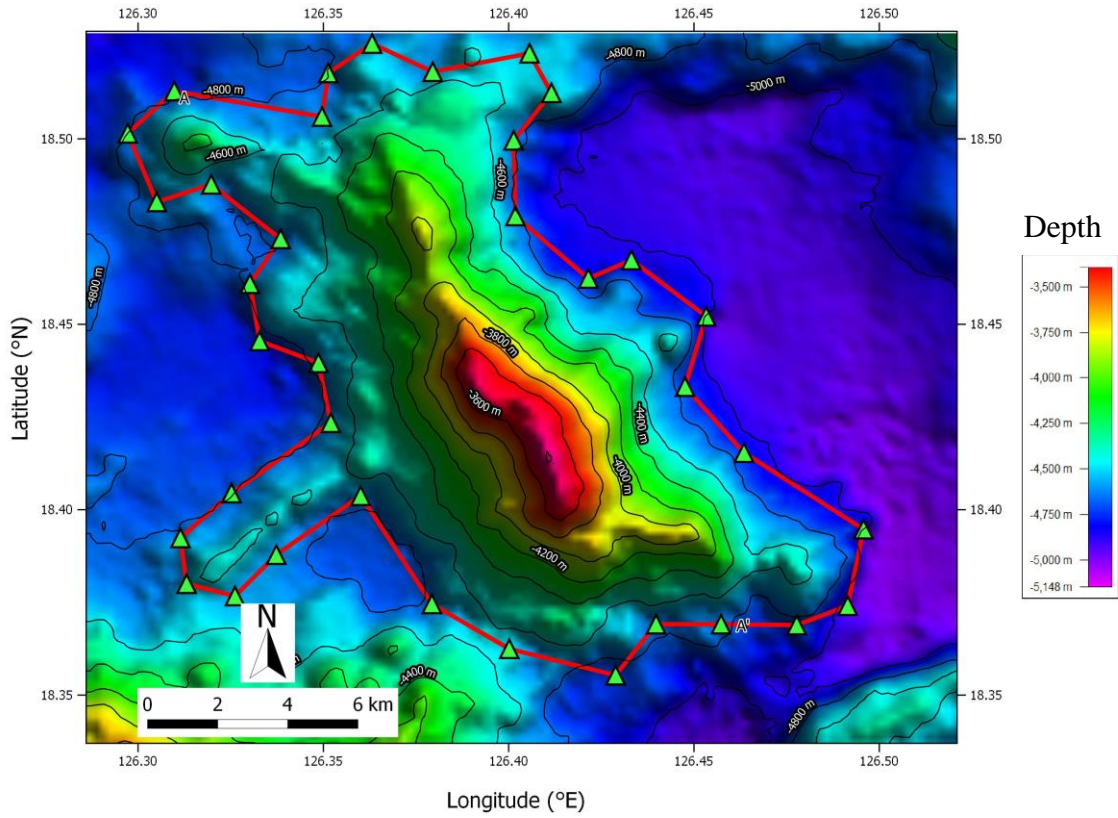


Figure 2. Bathymetric map of the Akle Seamount. Contour interval is meters 200.

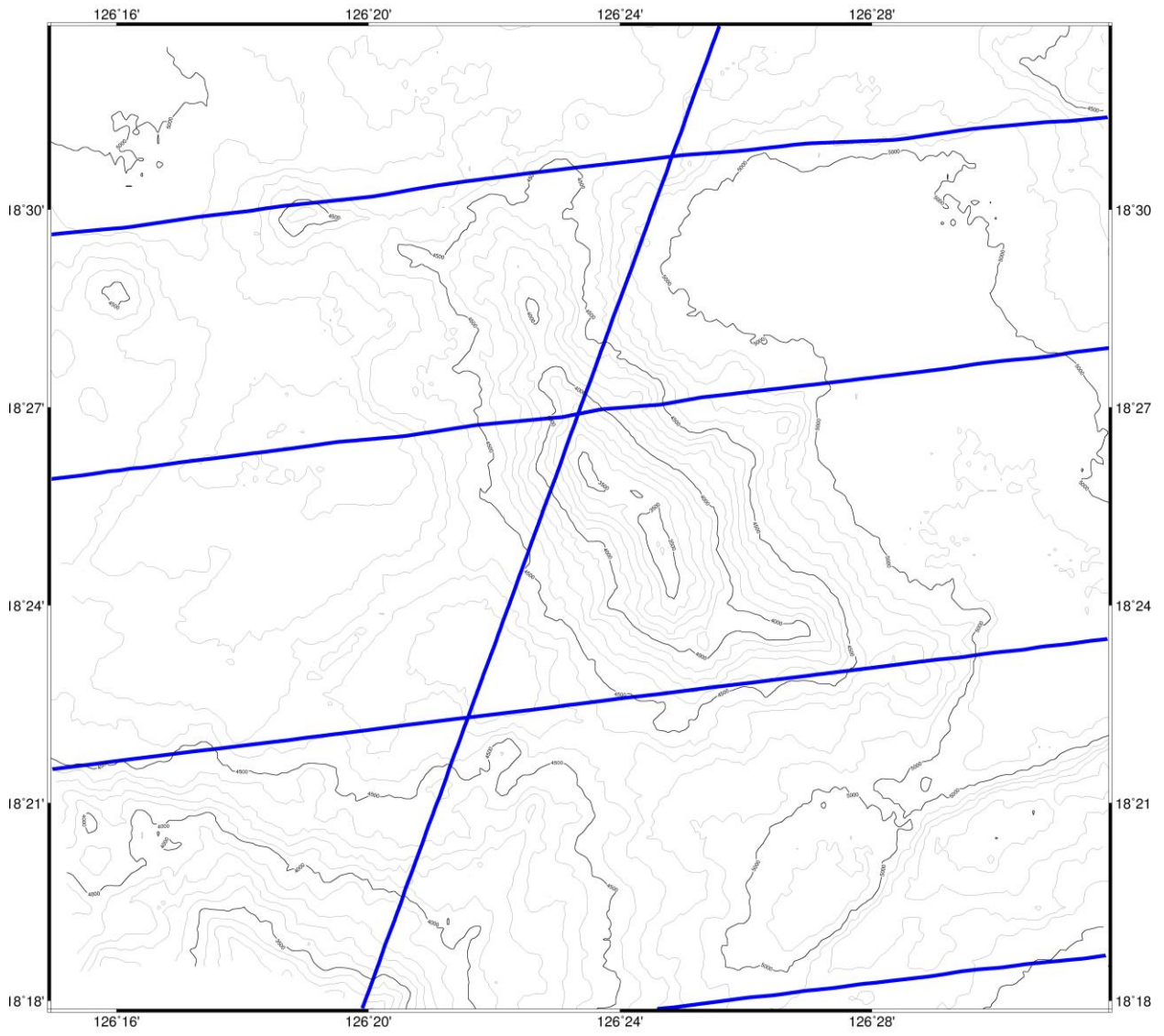


Figure 3. Bathymetric map of Akle Seamount showing track lines.

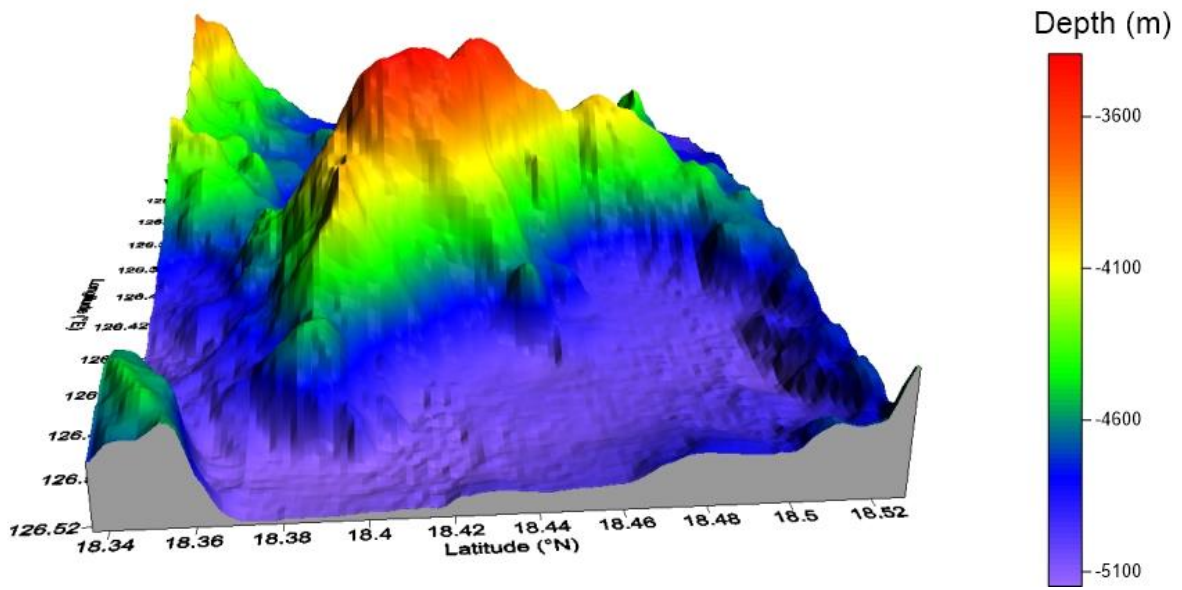


Figure 4. 3D bathymetric map of the Akle Seamount. View looking north.

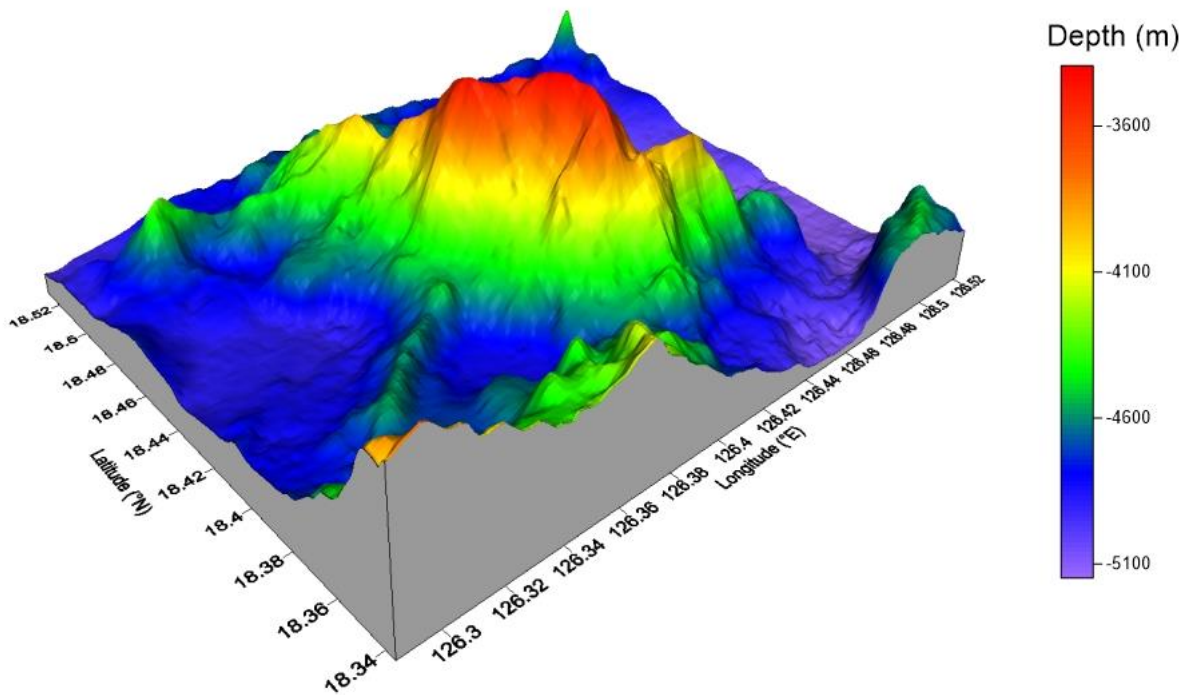


Figure 5. 3D bathymetric map of the Akle Seamount. View looking NE.

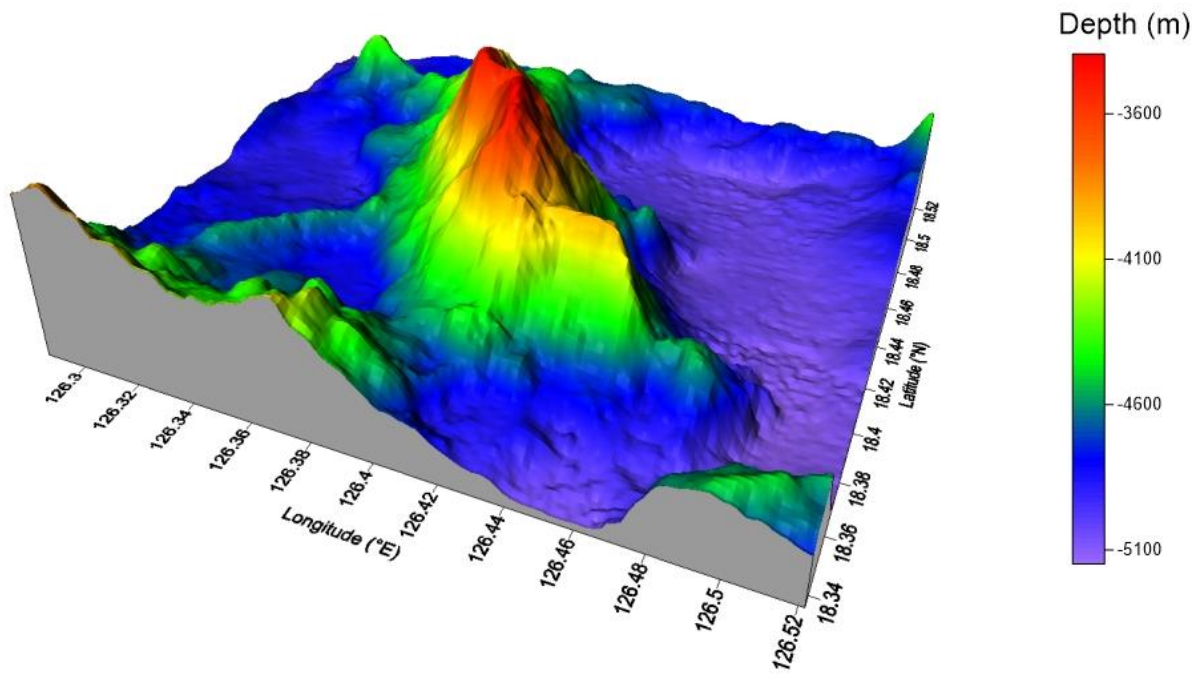


Figure 6. 3D bathymetric map of the Akle Seamount. View looking northwest.

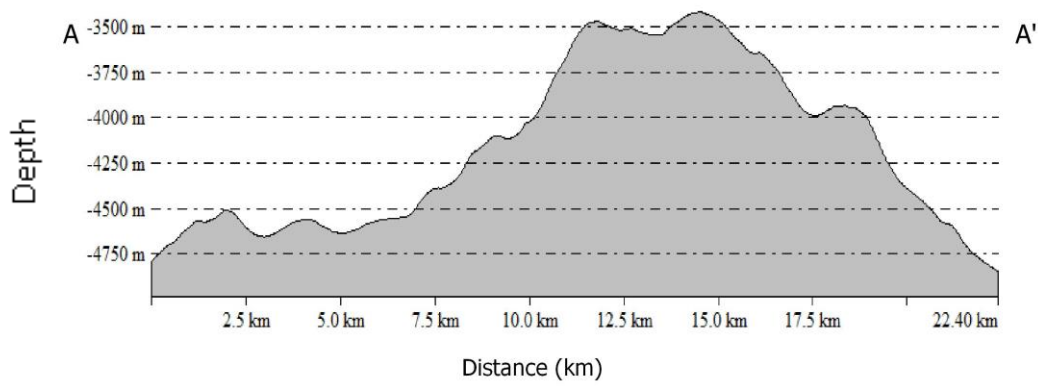
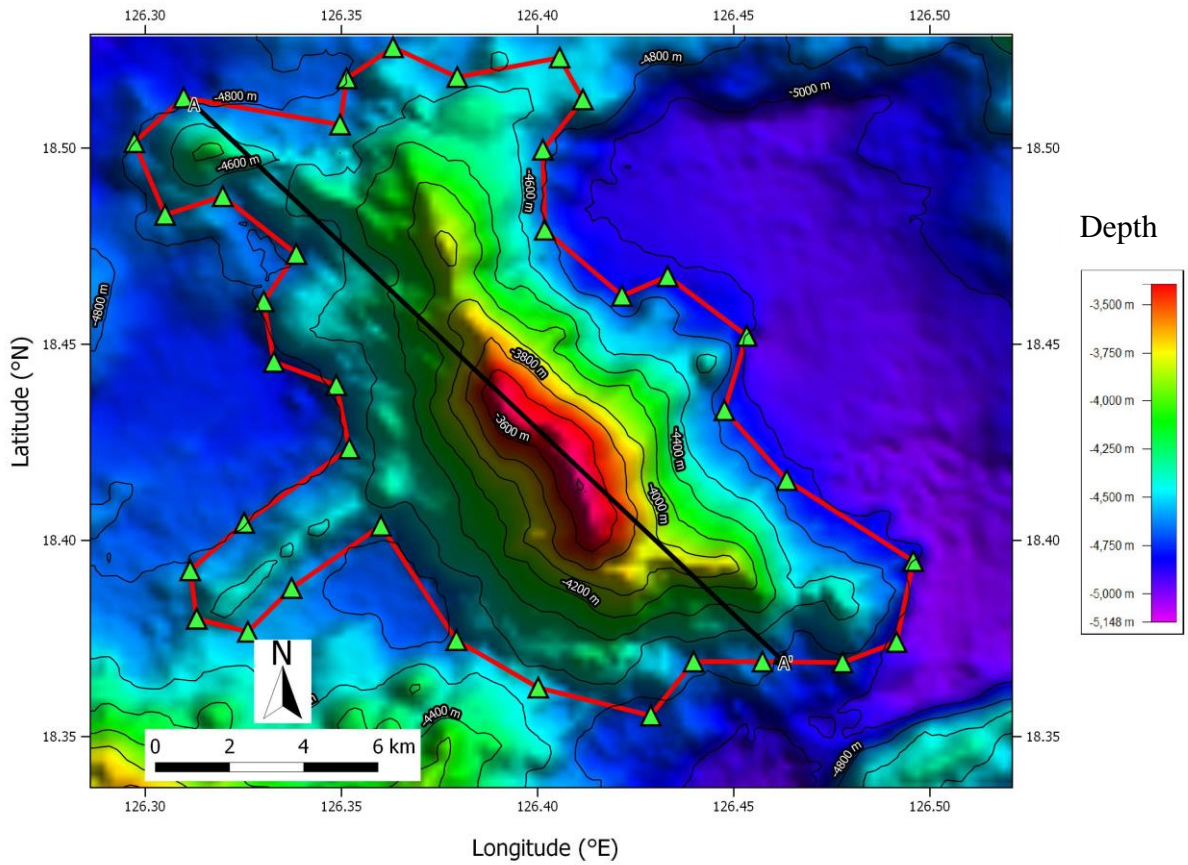


Figure 7. Profiles of Akle Seamount from the northwest to southeast edge (A-A').