INTERNATIONAL HYDROGRAPHIC ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

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:	Dorado Seamount	**Ocean or Sea:**	West Philippine Sea

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:	14° 04.3' N (summit) 13° 57'N (bottom) 13° 56.9'N 13° 57.5'N 13° 58.5'N 13° 2.7'N 13° 4.4'N 13° 5.9'N 14° 6.9'N 14° 6.9'N 14° 6.6'N 14° 4.9'N 14° 1.9'N 14° 59.9'N 13° 58.4'N 13° 57'N (bottom)	118° 21.7' E (summit) 118° 20.9'E (bottom) 118° 22.2'E 118° 23'E 118° 23.3'E 118° 23'E 118° 23.9'E 118° 24.8'E 118° 24.3'E 118° 22'E 118° 19.2'E 118° 18.2'E 118° 18.4'E 118° 18.9'E 118° 20'E 118° 20.9'E (bottom)

Feature Description:	Maximum Depth:	4138.1m	Steepness :	6.78°
	Minimum Depth :	2782.4m	Shape :	Seed shape
	Total Relief :	1355.7m	Dimension/Size :	18,330m x 9,340m

Associated Features:	West Philippine Sea

Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	Chart 4723A
	Within Area of Map/Chart:	Chart 4723A

Reason for Choice of Name (if a person, state how associated with the feature to be named)**:**	*Dorado* is a fast-growing, widely distributed fish that displays nomadic movement behavior. This makes it fairly resilient to high-fishing pressures. Dorado is mainly caught using pelagic longlines which are very common to Filipino fishermen.

Discovery Facts:	Discovery Date:	April 12 2003
	Discoverer (Individual, Ship):	NAMRIA

Supporting Survey Data, including Track Controls:	Date of Survey:	April 12 2003; February 22 1999; February 26 2001; March 15 1999; March 25 2001; May 19 2001
	Survey Ship:	BRP HYDROGRAPHER PRESBITERO
	Sounding Equipement:	Seabeam 2112
	Type of Navigation:	GPS with IMU
	Estimated Horizontal Accuracy, in nautical miles (M):	0.027 nm (50m)
	Survey Track Spacing:	3,000m
	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.

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/

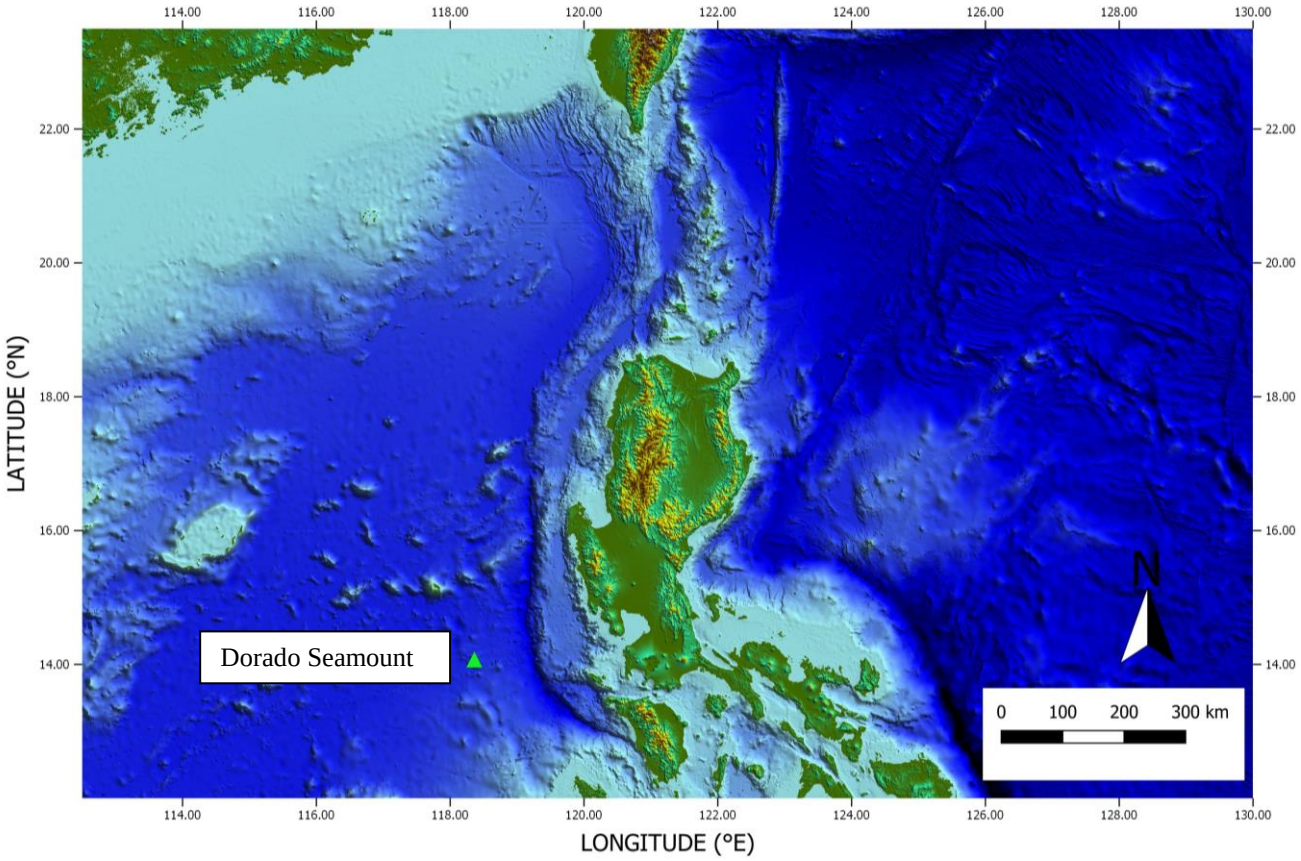

Figure 1. Index map showing the location of Dorado Seamount.

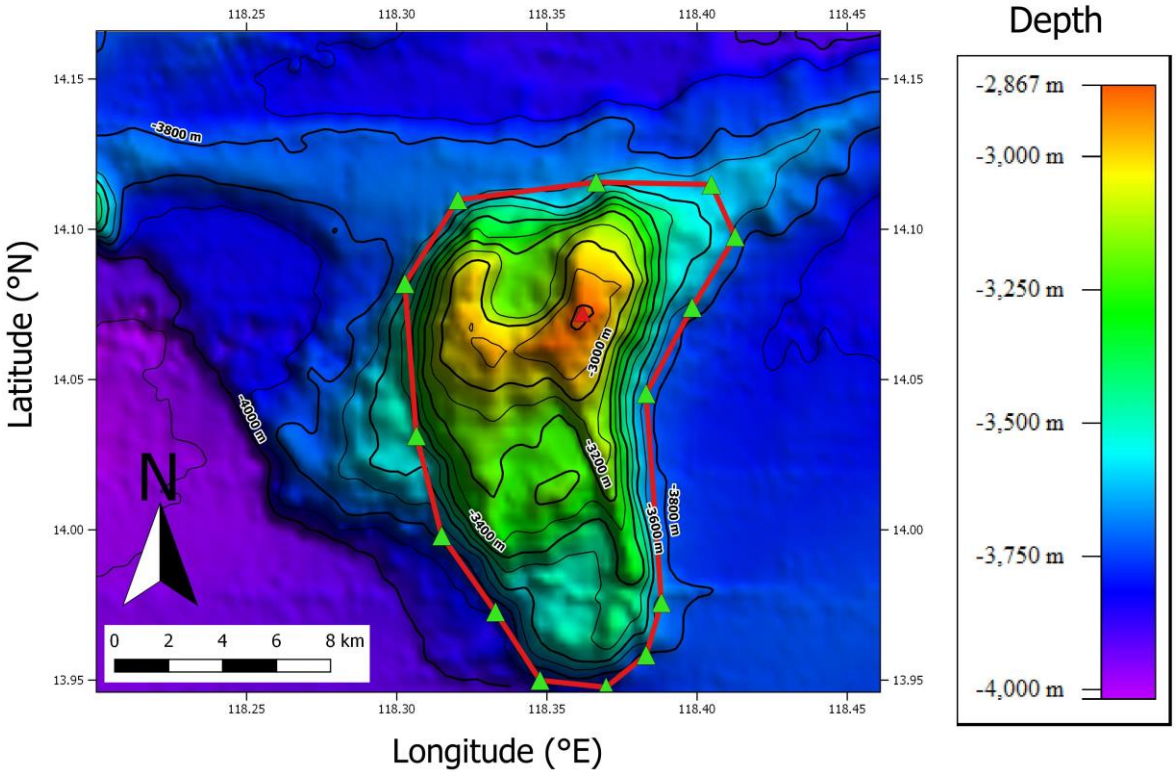

Figure 2. Bathymetric map of the Dorado Seamount. Contour interval is 100m.

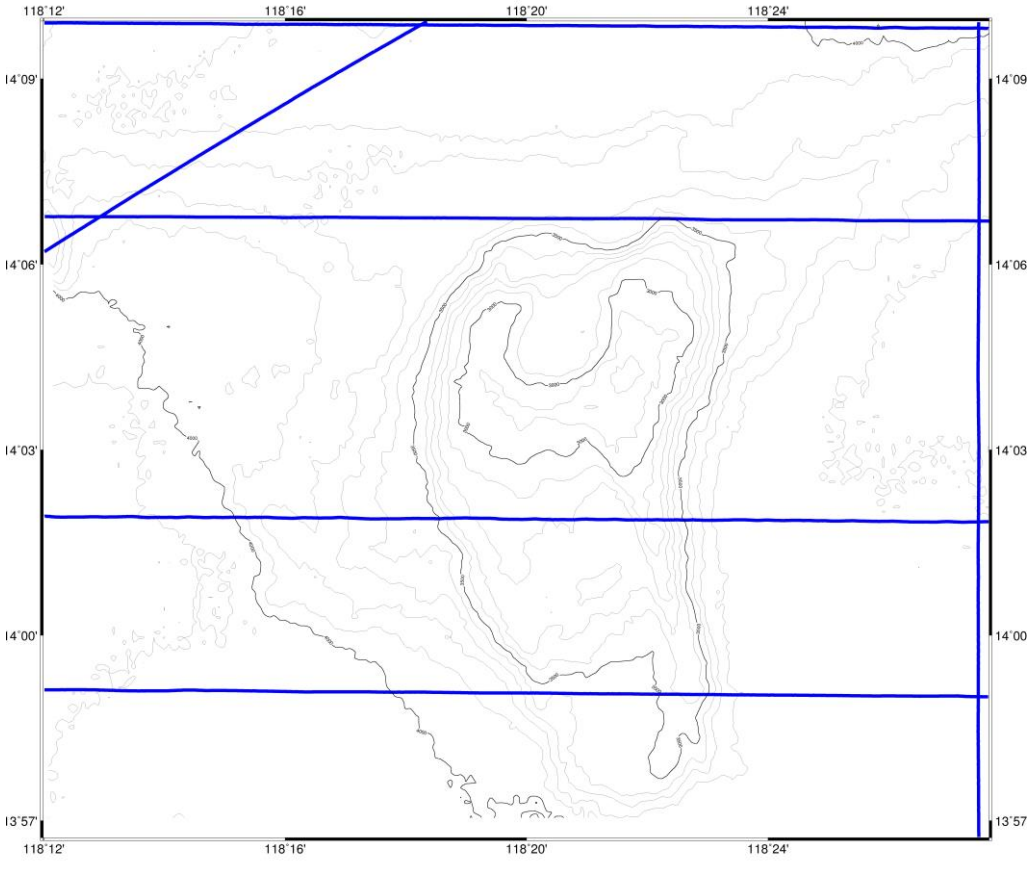

Figure 3. Bathymetric map of Dorado Seamount showing track lines.

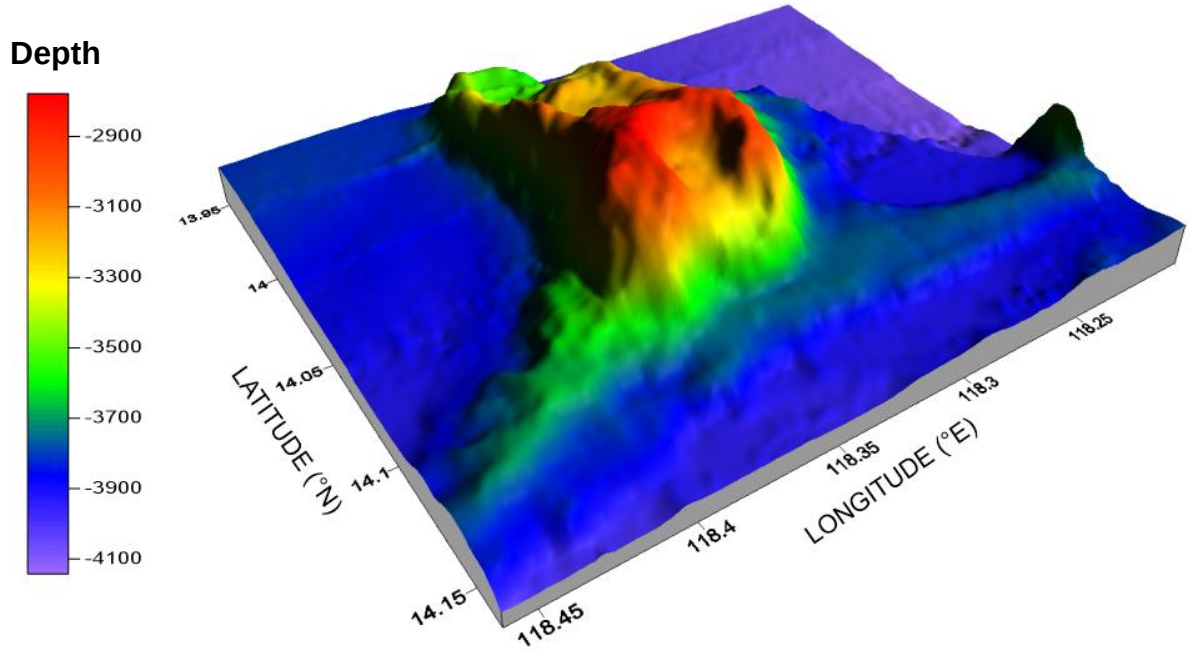

Figure 4. 3D bathymetric map of the Dorado Seamount. View looking Southwest.

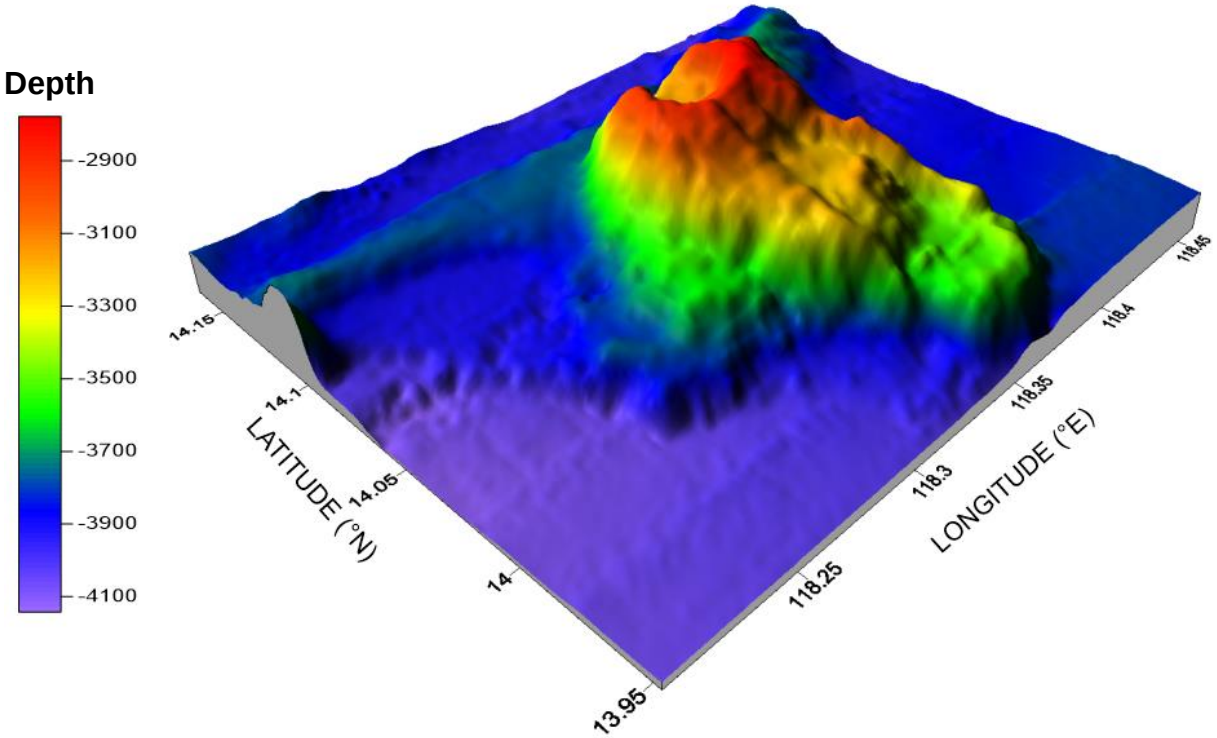

Figure 5. 3D bathymetric map of the Dorado Seamount. View looking Northeast.

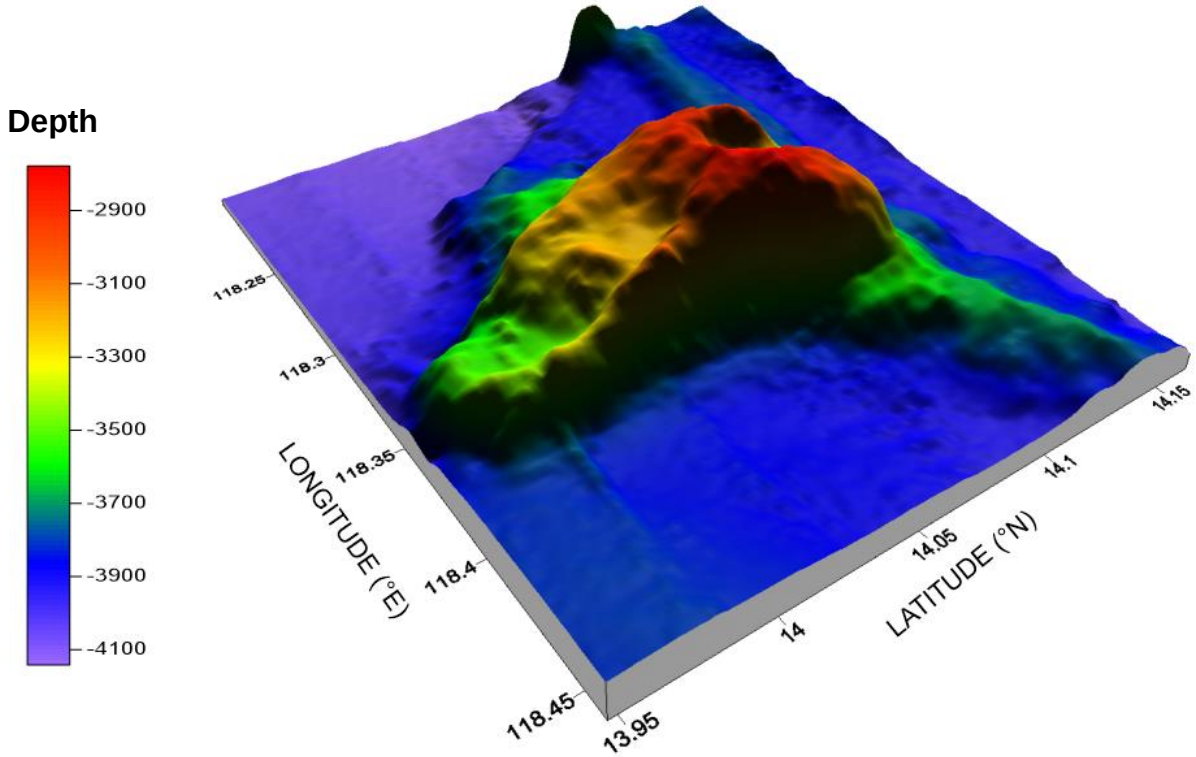

Figure 5. 3D bathymetric map of the Dorado Seamount. View looking Southeast.

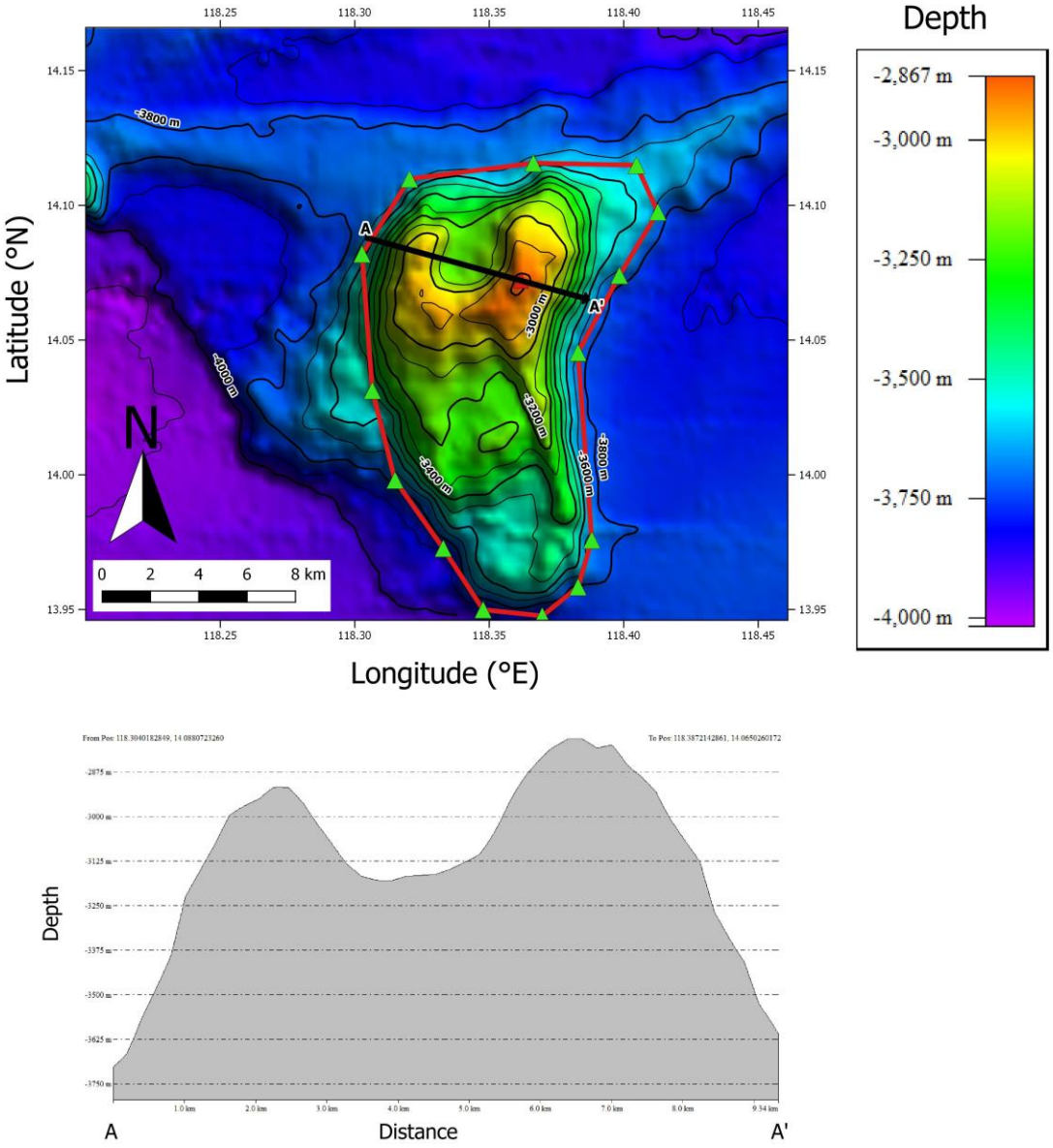

Figure 7. Profile of the Dorado Seamount with bathymetric data from A to A'.