

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

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

<b>Name Proposed:</b>	Ipil Seamount	<b>Ocean or Sea:</b>	Philippine Sea
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<b>Geometry</b> 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)
<b>Coordinates:</b>	16°49.9'N (summit)	125°34.5'E (summit)
	16°52.7'N (bottom)	125°29.6'E (bottom)
	16°54.4'N	125°31.2'E
	16°58.1'N	125°32.1'E
	16°58.8'N	125°34'E
	16°57.4'N	125°36.5'E
	16°54.9'N	125°37.7'E
	16°51.6'N	125°37.8'E
	16°47.6'N	125°36'E
	16°44.6'N	125°33.9'E
	16°45.1'N	125°30.8'E
	16°48.7'N	125°29.2'E
	16°52.7'N (bottom)	125°29.6'E (bottom)

<b>Feature Description:</b>	Maximum Depth:	3444.064 m	Steepness:	9.1°
	Minimum Depth:	2,373.78 m	Shape:	irregular
	Total Relief:	1070.284 m	Dimension/Size:	26,262 m x 16,293 m

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

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	<i>Ipil</i> is a small tree that can grow as a bush, shrub, or hedge and is used to prevent soil erosion. It is found along the seashore and inland forests of the Philippines. It bears seed pods or legumes that are used for soil fertilization. The leaves are used to feed animals while the trunk is used as firewood and building material, and in manufacturing farming tools.
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<b>Discovery Facts:</b>	Discovery Date:	September 4, 2008
	Discoverer (Individual, Ship):	NAMRIA

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	July 2 2009; March 19-20 2008; September 3-4, 2008
	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:	1.1 nm
Supporting material can be submitted as Annex in analog or digital form.	

<b>Proposer(s):</b>	Name(s):	Usec. PETER N. TIANGCO, PhD
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	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 <a href="mailto:moao.div2@dfa.gov.ph">moao.div2@dfa.gov.ph</a>  Department of National Defense (DND), Camp Emilio Aguinaldo, Quezon City, Philippines 1110

<b>Remarks:</b>	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: <a href="mailto:info@iho.int">info@iho.int</a> Web: <a href="http://www.iho.int">www.iho.int</a>	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a> Web: <a href="http://ioc-unesco.org/">http://ioc-unesco.org/</a>
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## Attachments

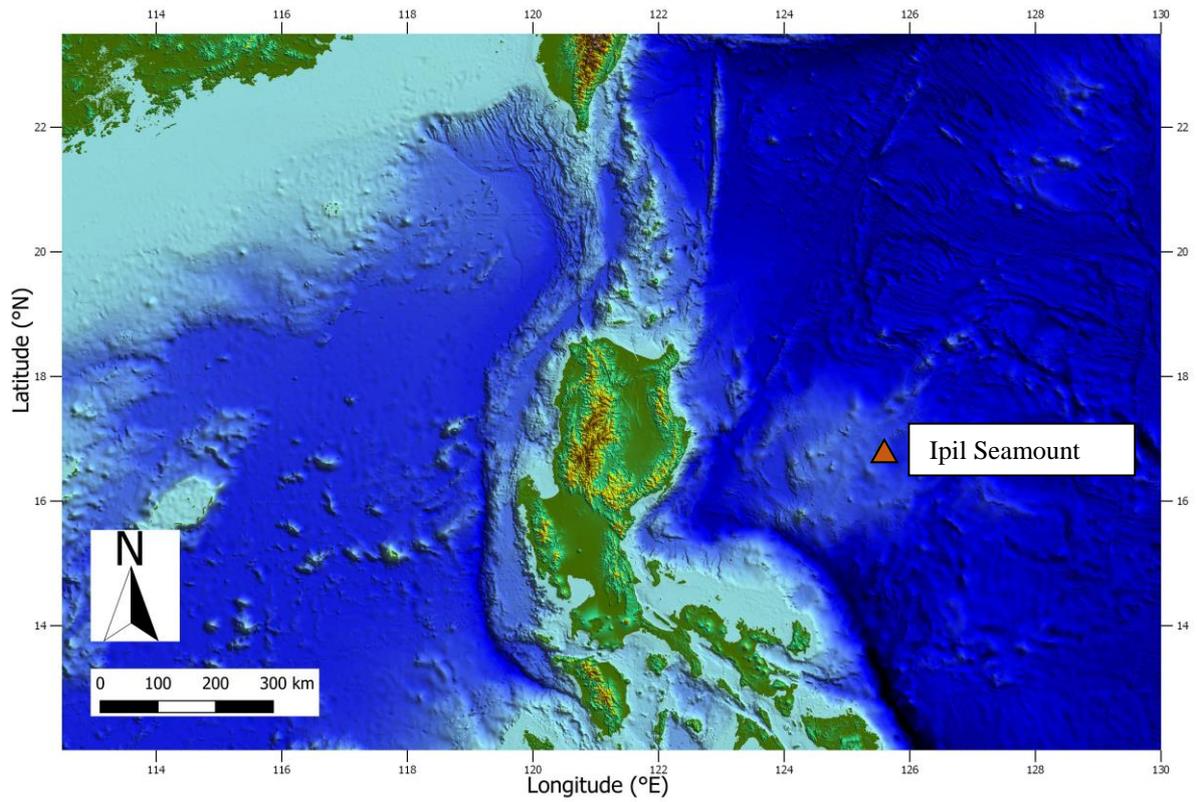


Fig. 1. Index map showing the location of Ipil Seamount.

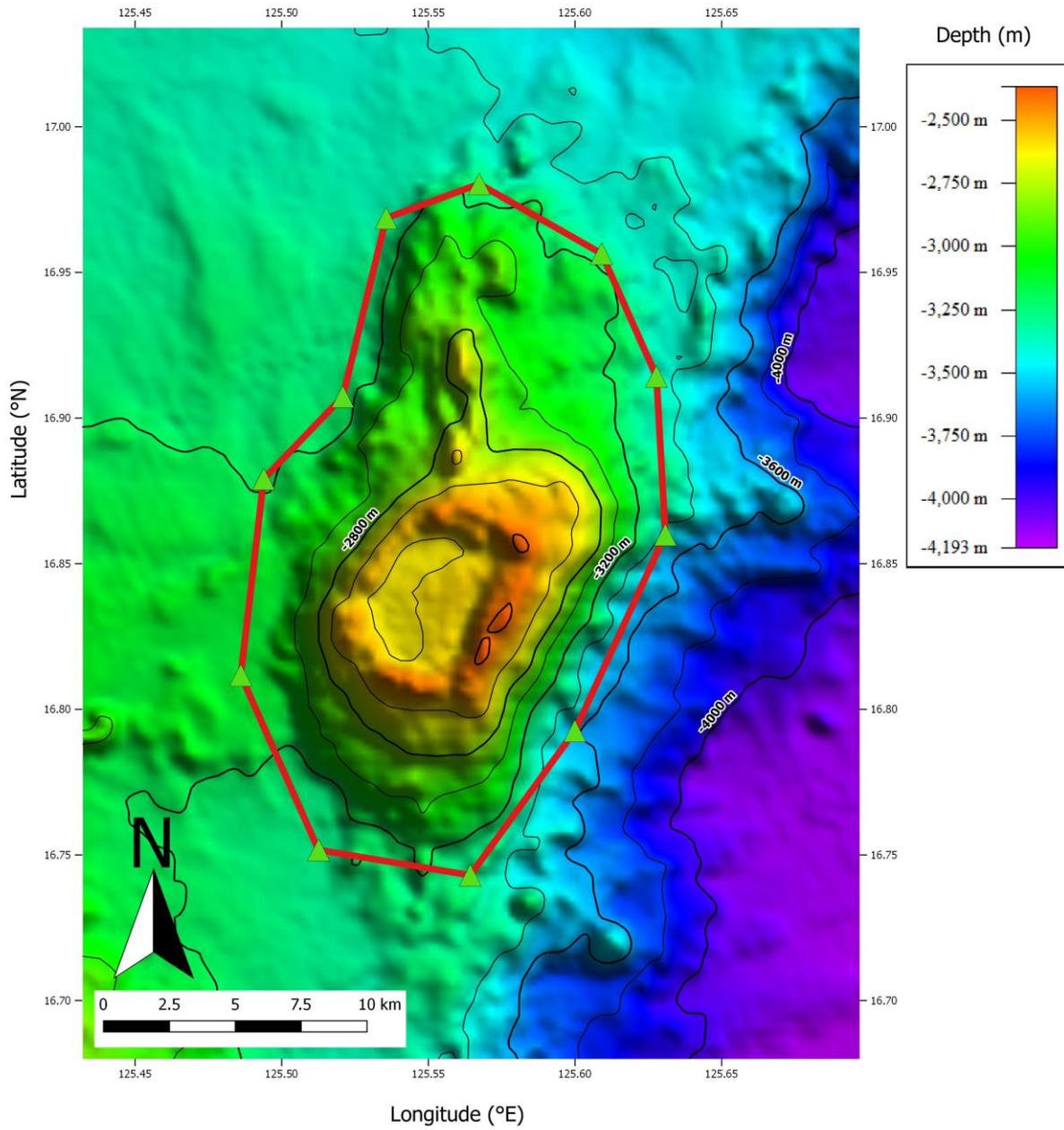


Fig. 2. Bathymetric map of the Ipil Seamount. Contour interval is 200 meters.

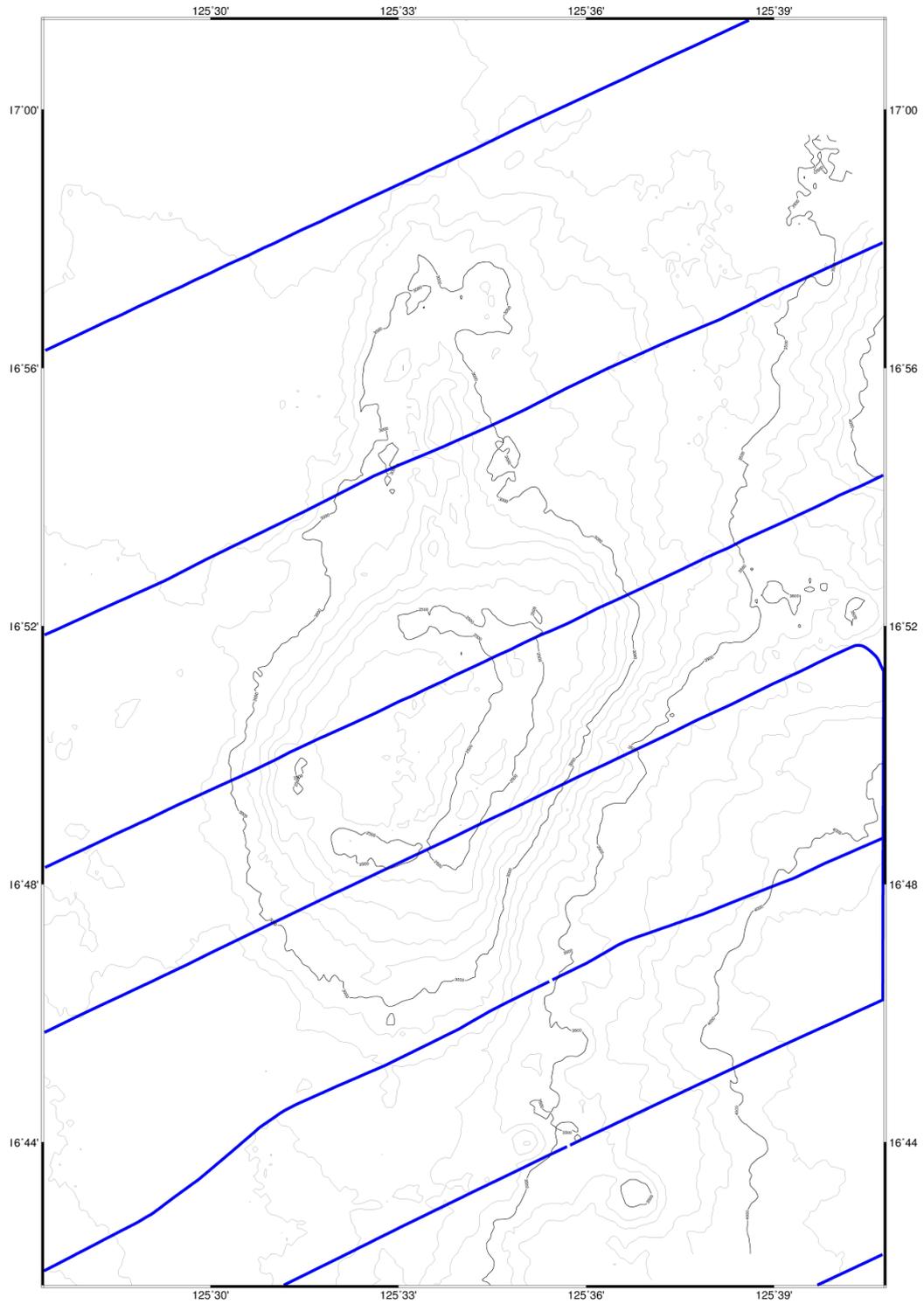


Fig 3. Bathymetric map of Ipil Seamount showing track lines.

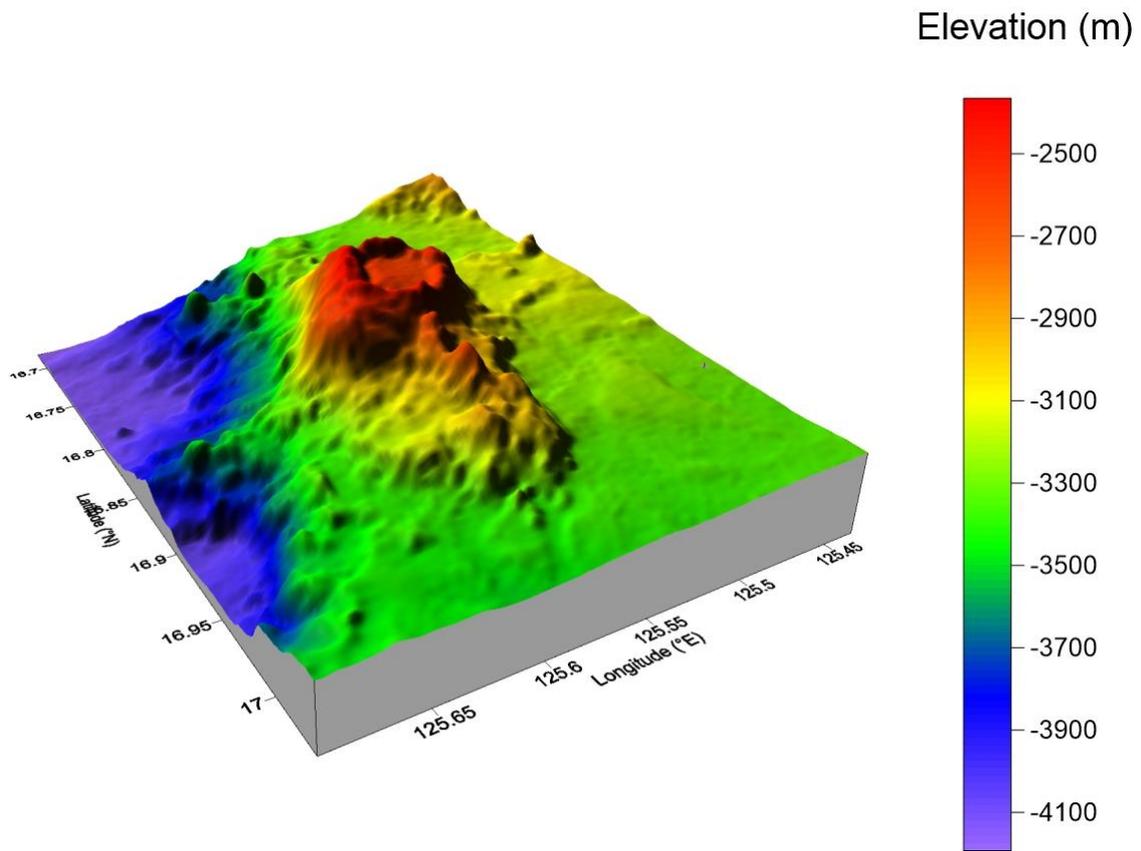


Figure 4. 3D bathymetric map of the Ipil Seamount. View looking southwest.

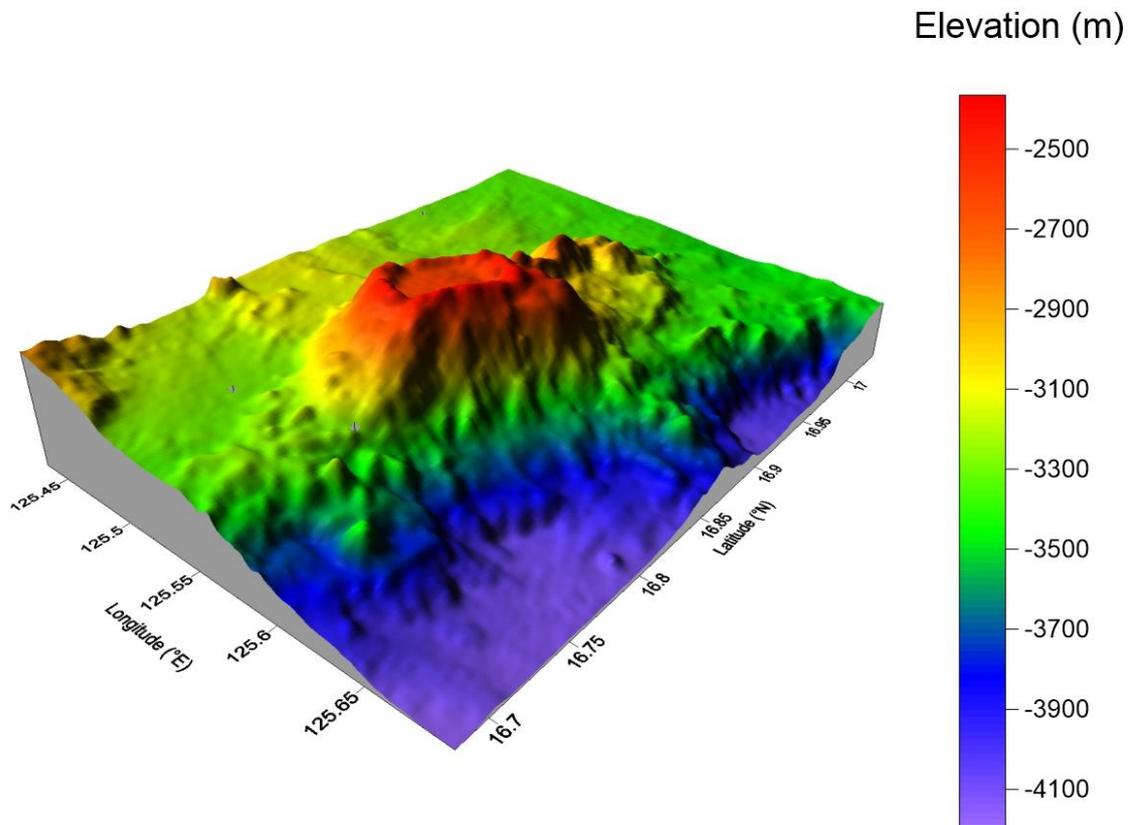


Figure 5. 3D bathymetric map of the Ipil Seamount. View looking northwest.

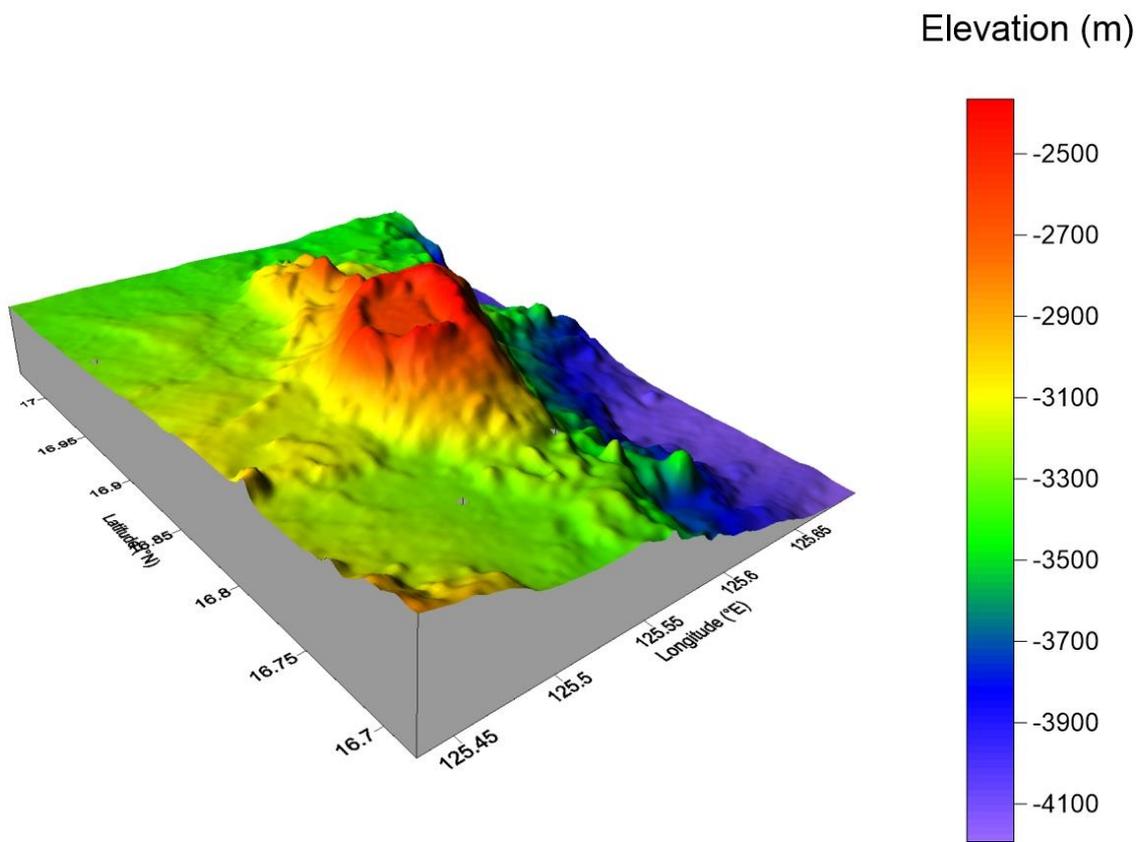


Figure 6. 3D bathymetric map of the Ipil Seamount, view looking northeast.

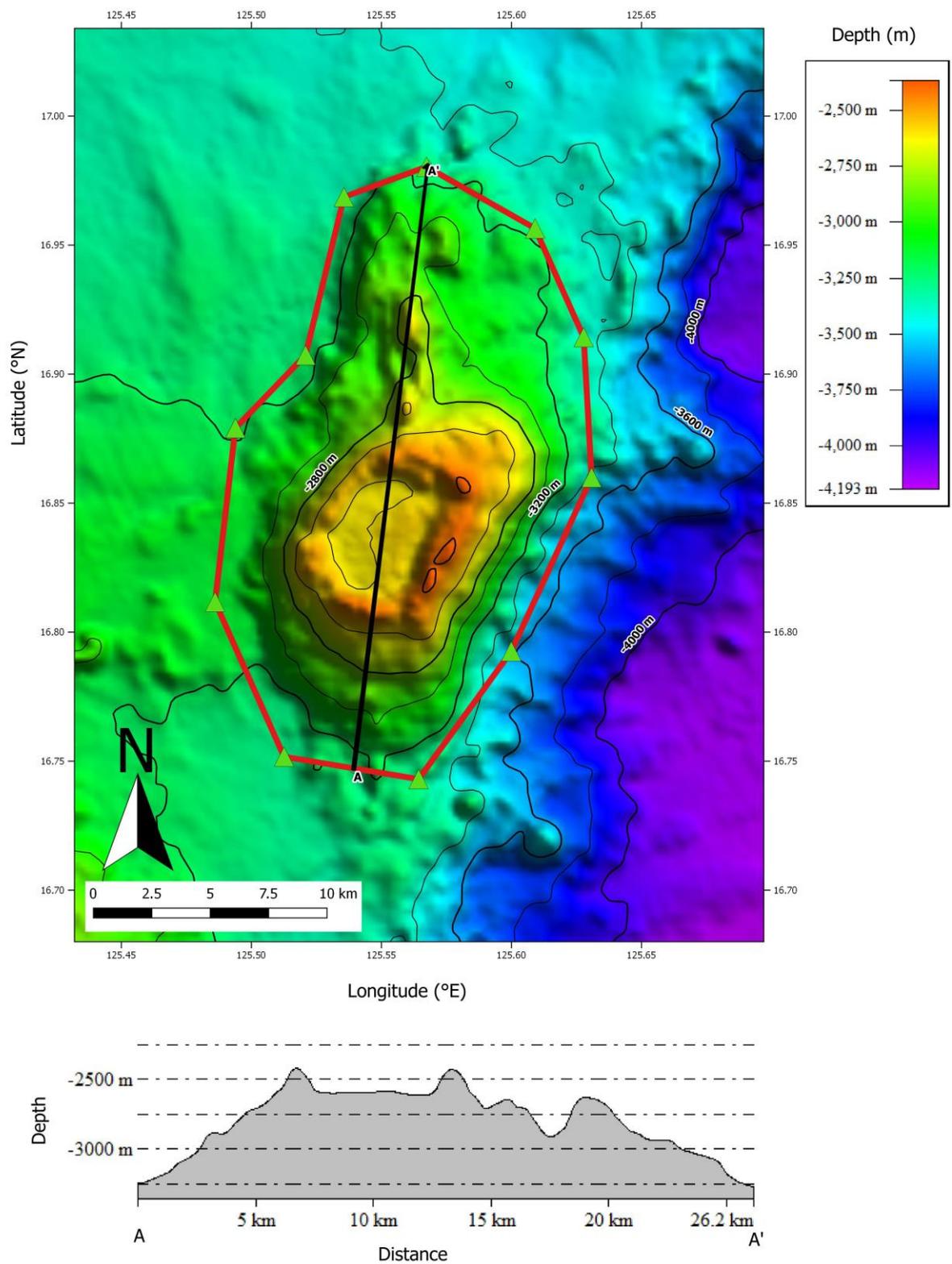


Fig. 7. Profile view of the Ipil Seamount from A to A'.