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| **INTERNATIONAL HYDROGRAPHIC**  **ORGANIZATION** | **INTERGOVERNMENTAL OCEANOGRAPHIC**  **COMMISSION (of UNESCO)** |

**UNDERSEA FEATURE NAME PROPOSAL**

(See **NOTE** overleaf)

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

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| **Name Proposed:** | Roismelech 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 |  |  |  |  |

*\* Geometry should be clearly distinguished when providing the coordinates below.*

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|  | Lat. (degrees, north) | Long. (degrees, east) |
| **Coordinates:** | 13° 47' 56.962" N  13° 47' 33.834" N  13° 46' 52.717" N  13° 45' 04.785" N  13° 44' 59.645" N  13° 44' 23.667" N  13° 43' 47.690" N  13° 43' 34.841" N  13° 43' 11.713" N  13° 42' 25.456" N  13° 41' 31.490" N  13° 40' 34.954" N  13° 39' 48.697" N  13° 39' 10.150" N  13° 38' 18.753" N  13° 37' 04.229" N  13° 35' 57.413" N  13° 34' 32.609" N  13° 33' 25.794" N  13° 32' 42.107" N  13° 33' 00.096" N  13° 34' 35.179" N  13° 38' 44.452" N  13° 39' 38.418" N  13° 40' 42.663" N  13° 41' 54.618" N  13° 42' 56.294" N  13° 44' 39.086" N  13° 45' 22.773" N  13° 46' 32.158" N  13° 47' 00.426" N  (Summit) 13° 39' 14.034" N | 134° 52' 02.220" E  134° 52' 58.756" E  134° 53' 06.466" E  134° 53' 09.036" E  134° 52' 15.069" E  134° 52' 09.930" E  134° 52' 20.209" E  134° 52' 33.058" E  134° 53' 09.036" E  134° 53' 03.896" E  134° 52' 15.069" E  134° 52' 12.500" E  134° 53' 32.164" E  134° 54' 15.851" E  134° 55' 09.817" E  134° 54' 49.259" E  134° 53' 42.443" E  134° 53' 55.292" E  134° 53' 24.455" E  134° 51' 21.103" E  134° 50' 24.567" E  134° 49' 28.031" E  134° 48' 26.356" E  134° 48' 36.635" E  134° 48' 54.624" E  134° 49' 25.462" E  134° 49' 33.171" E  134° 49' 43.450" E  134° 49' 48.590" E  134° 50' 39.986" E  134° 51' 39.092" E  (Summit) 134° 51' 2.286" E |

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| **Feature Description:** | Maximum Depth : | 4200 m | Steepness : | N/A |
| Minimum Depth : | 3025 m | Shape : | N/A |
| Total Relief : | 1175 m | Dimension/Size : | N/A |

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| **Associated Features:** | This feature is within the Kobayashi Basin and Ridge Province |

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| **Chart/Map References:** | Shown Named on Map/Chart: | None |
| Shown Unnamed on Map/Chart: | None |
| Within Area of Map/Chart: | None |

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| **Reason for Choice of Name** (if a person, state how associated with the feature to be named)**:** | Roismelech is the name of a mountain located in the state of Melekek on the island of Babeldaob. |

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| **Discovery Facts:** | Discovery Date: | Dec. 2006 |
| Discoverer (Individual, Ship): | S/V Shoyo (HODJ) |

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| **Supporting Survey Data, including Track Controls:** | Date of Survey: | Dec. 2006, April to May 2008 |
| Survey Ship: | S/V Shoyo (HODJ)) |
| Sounding Equipment: | Multibeam echo sounder  Seabeam 2112 |
| Type of Navigation: | GPS without Selective Availability |
| Estimated Horizontal Accuracy (nm): | 0.014 nm (26 m) |
| Survey Track Spacing: | 6 nm |
| Supporting material can be submitted as Annex in analog or digital form. | |

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| **Proposer(s):** | Name(s): | David K. Idip, Jr. and Takamatsu Emesiochel |
| Date: | August 17, 2018 |
| E-mail: | davididip@gmail.com |
| Organization and Address: | Territory and Boundary Task Force, Office of the President, Republic of Palau |
| Concurrer (name, e-mail, organization and address): |  |

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| **Remarks:** | We used GMT and GeoMapApp software to visualize the bathymetric data. QGIS and ArcMap were the preferred GIS software. |

**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 page 2-9) or, if this does not exist or is not known, either to the IHB 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 IHB or to the IOC, at the following addresses :

|  |  |
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| International Hydrographic Bureau (IHB)  4, Quai Antoine 1er  B.P. 445  MC 98011 MONACO CEDEX  Principality of MONACO  Fax: +377 93 10 81 40  E-mail: [info@ihb.mc](mailto:info@ihb.mc) | Intergovernmental Oceanographic Commission (IOC)  UNESCO  Place de Fontenoy  75700 PARIS  France  Fax: +33 1 45 68 58 12  E-mail: [info@unesco.org](mailto:info@unesco.org) |

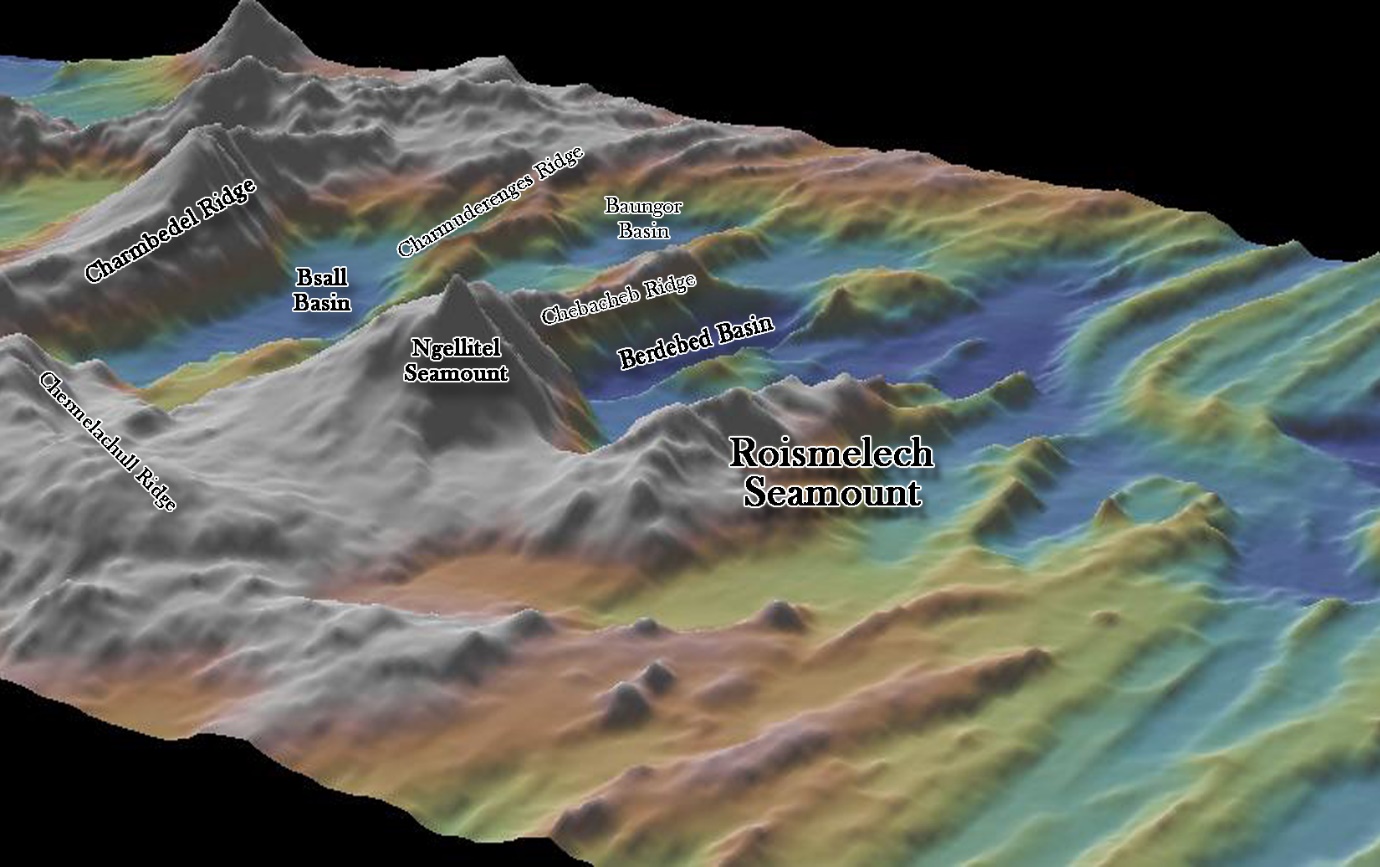


Fig. 1. Bathymetric 3D image of Roismelech Seamount and its vicinity.

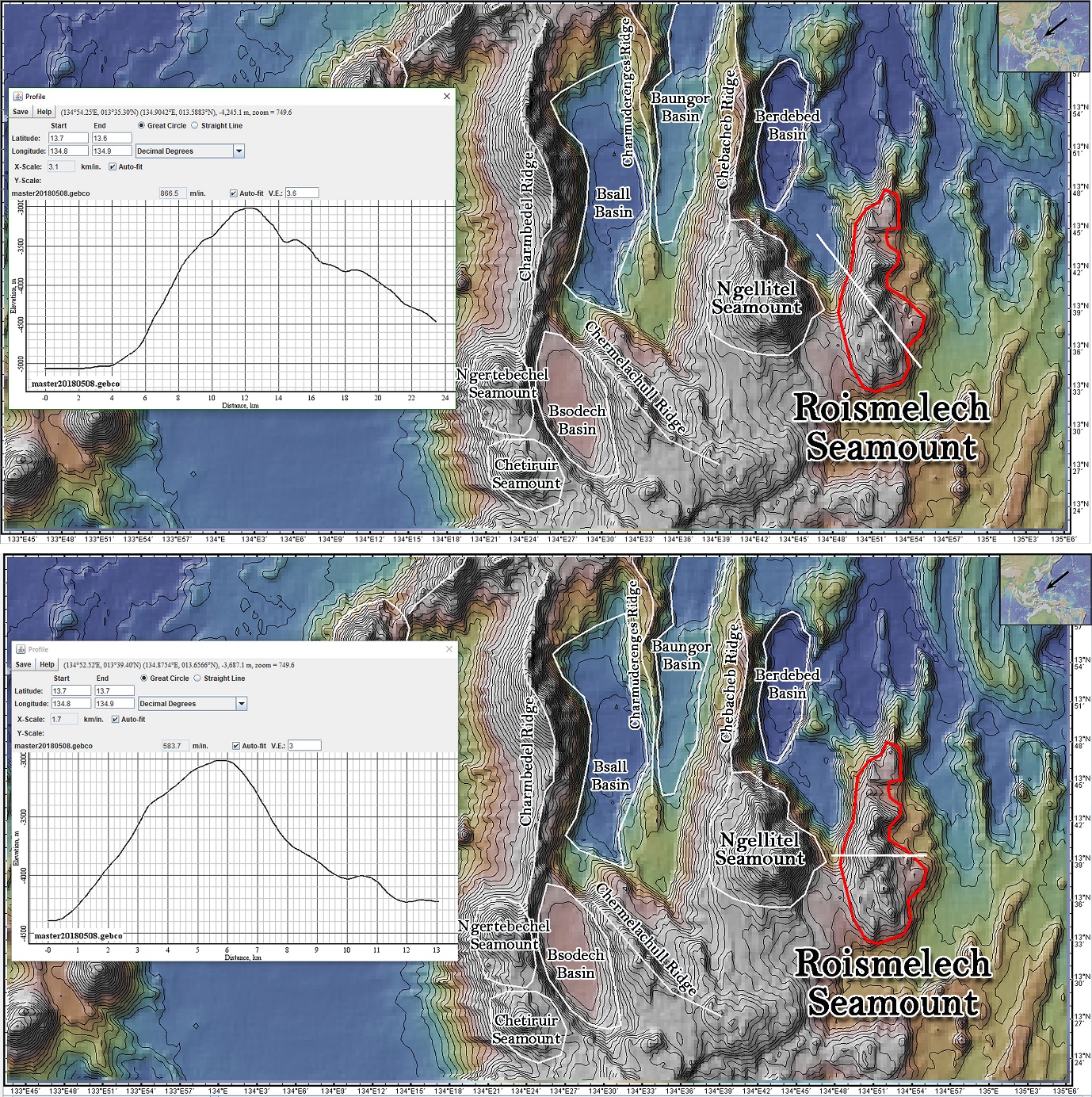


Fig. 2. Bathymetric profile across Roismelech Seamount. The polygon that defines the seamount is also shown. Contours in 100 m intervals.

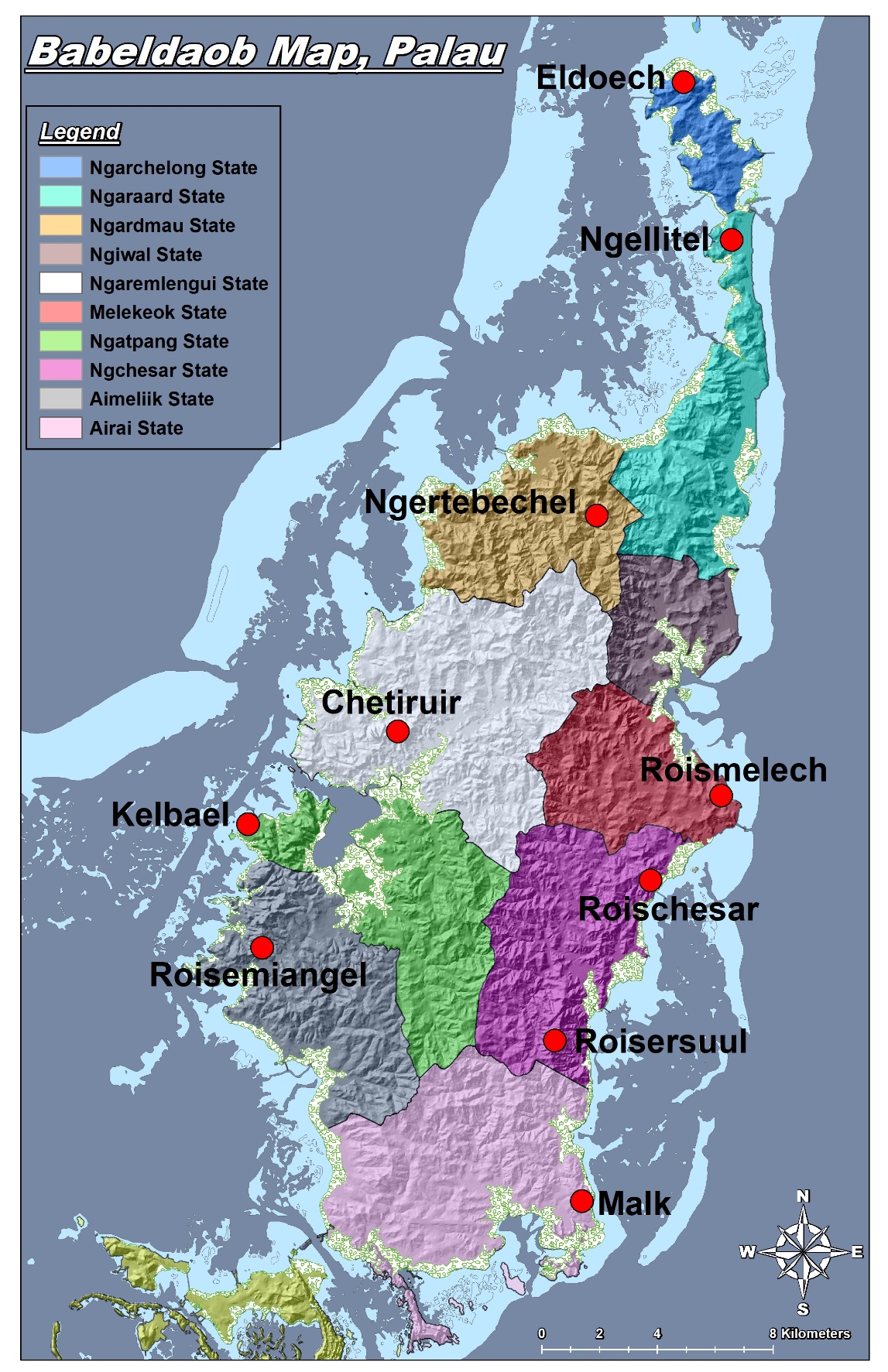


Fig 3. Location of Ngellitel Mountain on the island of Babledaob