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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:** | Ochaieo Basin | **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:** | 12° 25' 44.934" N  12° 27' 02.028" N  12° 27' 17.447" N  12° 26' 26.051" N  12° 25' 42.364" N  12° 24' 32.979" N  12° 23' 46.722" N  12° 21' 53.650" N  12° 20' 05.718" N  12° 18' 04.936" N  12° 17' 00.691" N  12° 15' 41.026" N  12° 14' 08.513" N  12° 12' 51.418" N  12° 12' 36.000" N  12° 12' 25.720" N  12° 11' 34.324" N  12° 10' 58.346" N  12° 10' 55.777" N  12° 10' 30.078" N  12° 10' 14.660" N  12° 10' 04.380" N  12° 09' 36.112" N  12° 09' 07.844" N  12° 10' 35.218" N  12° 12' 12.871" N  12° 16' 06.725" N  12° 17' 41.808" N  12° 19' 32.310" N  12° 20' 41.695" N  12° 21' 09.963" N  12° 21' 56.220" N  12° 22' 24.488" N  12° 23' 57.001" N  12° 25' 08.956" N | 134° 43' 09.941" E  134° 44' 01.337" E  134° 45' 51.839" E  134° 47' 01.224" E  134° 48' 10.609" E  134° 48' 10.609" E  134° 48' 36.307" E  134° 48' 44.017" E  134° 48' 44.017" E  134° 49' 07.145" E  134° 50' 11.391" E  134° 51' 05.357" E  134° 51' 20.776" E  134° 51' 25.915" E  134° 50' 47.368" E  134° 50' 19.100" E  134° 49' 40.553" E  134° 49' 27.704" E  134° 48' 56.866" E  134° 48' 26.028" E  134° 47' 42.341" E  134° 46' 40.666" E  134° 46' 22.677" E  134° 46' 09.828" E  134° 45' 31.280" E  134° 45' 13.292" E  134° 45' 21.001" E  134° 44' 27.035" E  134° 43' 43.348" E  134° 43' 12.510" E  134° 42' 26.254" E  134° 42' 28.823" E  134° 42' 46.812" E  134° 42' 49.382" E  134° 42' 28.823" E |

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| **Feature Description:** | Maximum Depth : | 3468 m | Steepness : | N/A |
| Minimum Depth : | 3250 m | Shape : | Rectangle Shaped |
| Total Relief : | 218 m | Dimension/Size : | 31 km x 12 km |

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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)**:** | Ochaieo Basin is the Palauan name for the Spotted Eagle Ray, which is found on reefs throughout Palau. |

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| **Discovery Facts:** | Discovery Date: | Jun. 2007 |
| Discoverer (Individual, Ship): | S/V Shoyo (HODJ) |

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| **Supporting Survey Data, including Track Controls:** | Date of Survey: | Jun. 2007 |
| 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 :

|  |  |
| --- | --- |
| 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) |

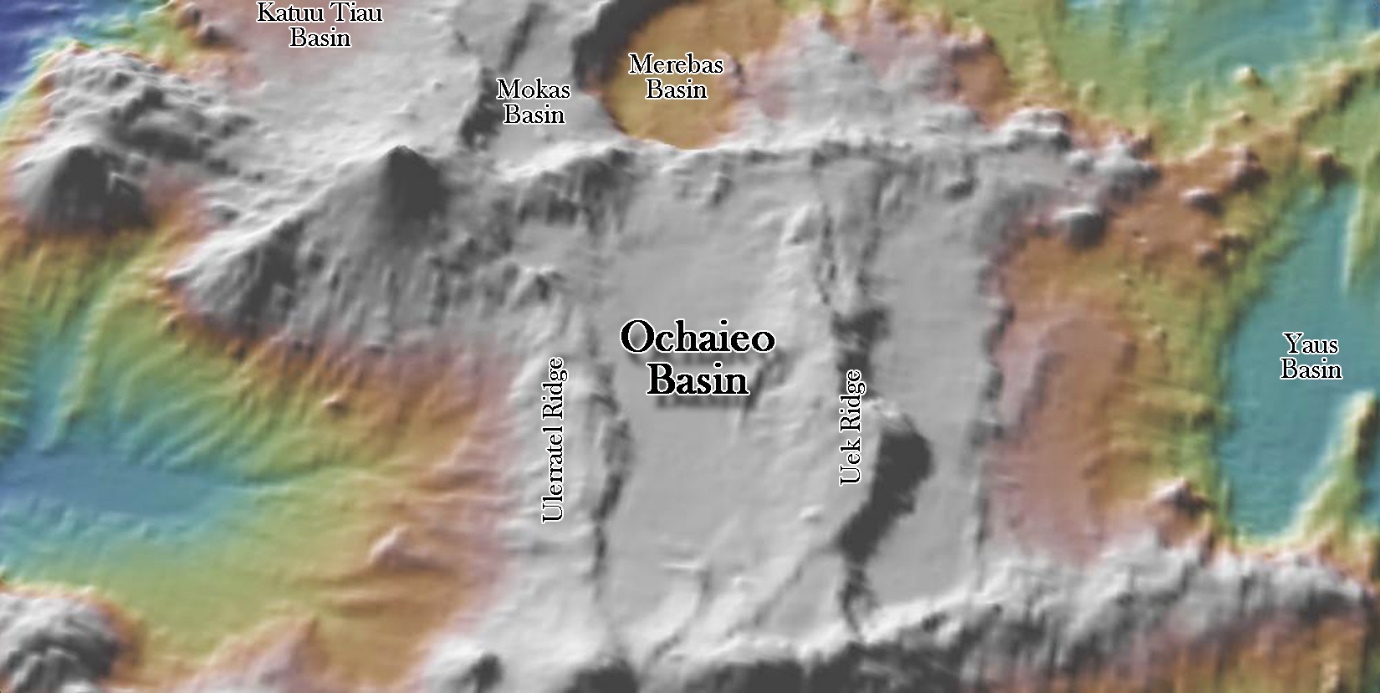


Fig. 1. Bathymetric 3D image of Ochaieo Basin and its vicinity.

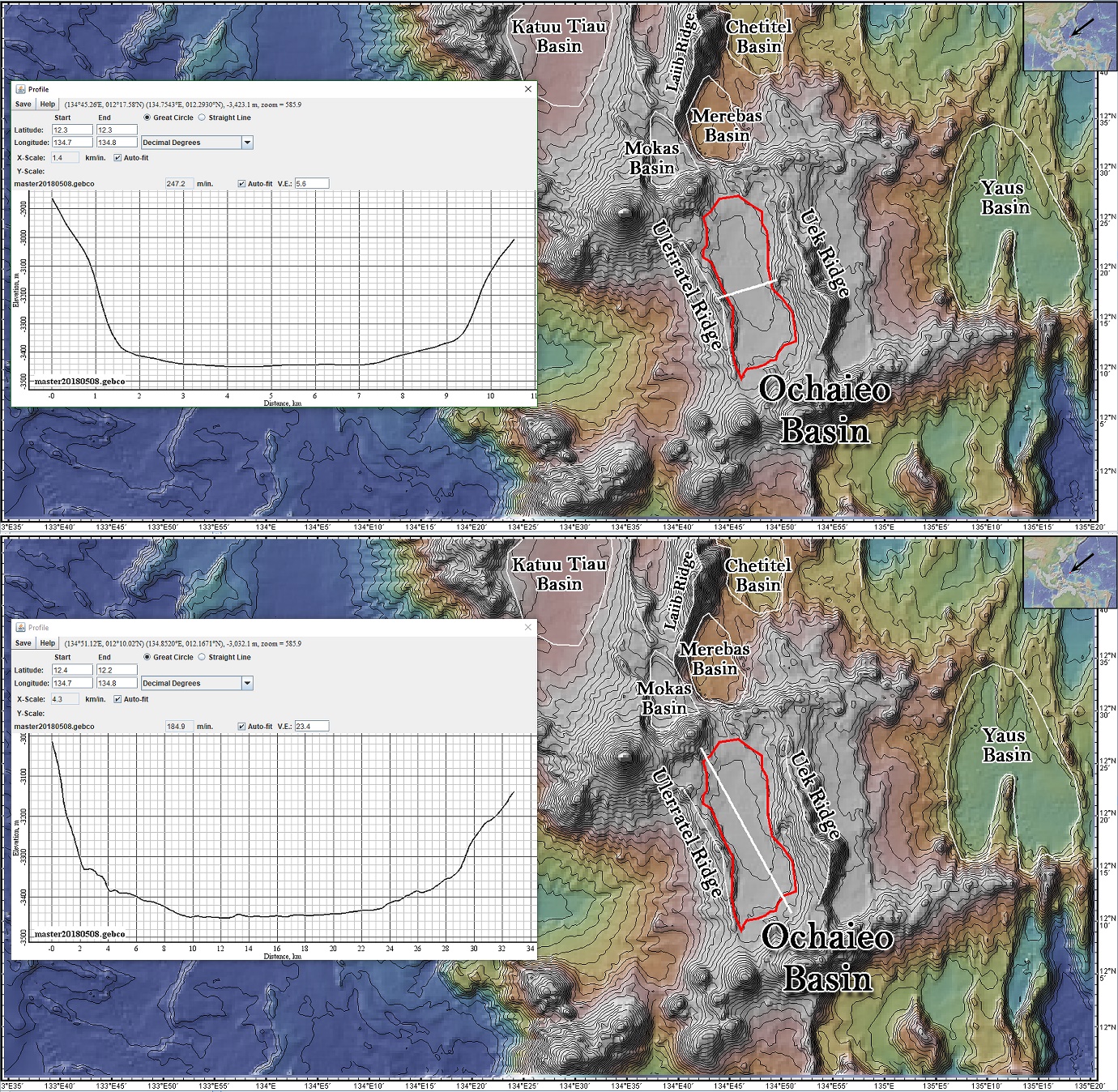


Fig. 2. Bathymetric profile across Ochaieo Basin. The polygon that defines the basin is also shown. Contours in 100 m intervals.



Fig. 3. Picture of a Eagle Spotted Ray (Ochaieo)