|  |  |
| --- | --- |
| **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.

|  |  |  |  |
| --- | --- | --- | --- |
| **Name Proposed:** | Chetitel Basin | **Ocean or Sea:** | Philippine Sea |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **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.*

|  |  |  |
| --- | --- | --- |
|  | Lat. (degrees, north) | Long. (degrees, east) |
| **Coordinates:** | 12° 56' 22.139" N  12° 56' 42.698" N  12° 56' 18.713" N  12° 55' 06.758" N  12° 53' 17.112" N  12° 48' 46.425" N  12° 47' 03.632" N  12° 45' 37.972" N  12° 40' 26.167" N  12° 39' 41.623" N  12° 39' 17.639" N  12° 39' 24.491" N  12° 41' 07.284" N  12° 42' 05.533" N  12° 43' 17.488" N  12° 45' 00.281" N  12° 45' 27.692" N  12° 45' 44.824" N  12° 46' 49.926" N  12° 48' 53.278" N  12° 50' 18.938" N  12° 51' 27.467" N  12° 52' 08.584" N  12° 53' 13.686" N | 134° 50' 58.504" E  134° 52' 07.032" E  134° 52' 31.017" E  134° 52' 37.870" E  134° 51' 39.621" E  134° 49' 49.976" E  134° 49' 46.549" E  134° 50' 17.387" E  134° 50' 07.108" E  134° 49' 56.828" E  134° 48' 07.183" E  134° 47' 22.639" E  134° 45' 09.009" E  134° 44' 41.597" E  134° 44' 55.303" E  134° 45' 09.009" E  134° 45' 05.582" E  134° 43' 50.201" E  134° 43' 36.495" E  134° 44' 24.465" E  134° 46' 00.405" E  134° 47' 50.051" E  134° 49' 19.138" E  134° 49' 43.123" E |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Feature Description:** | Maximum Depth : | 4474 m | Steepness : | N/A |
| Minimum Depth : | 3900 m | Shape : | Elongated Shape |
| Total Relief : | 574 m | Dimension/Size : | 33 km x 11 km |

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

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

|  |  |
| --- | --- |
| **Reason for Choice of Name** (if a person, state how associated with the feature to be named)**:** | Chetitel is the Palauan name for a species of Damsel Fish, which is found on reefs throughout Palau. |

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

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

|  |  |  |
| --- | --- | --- |
| **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): |  |

|  |  |
| --- | --- |
| **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) |

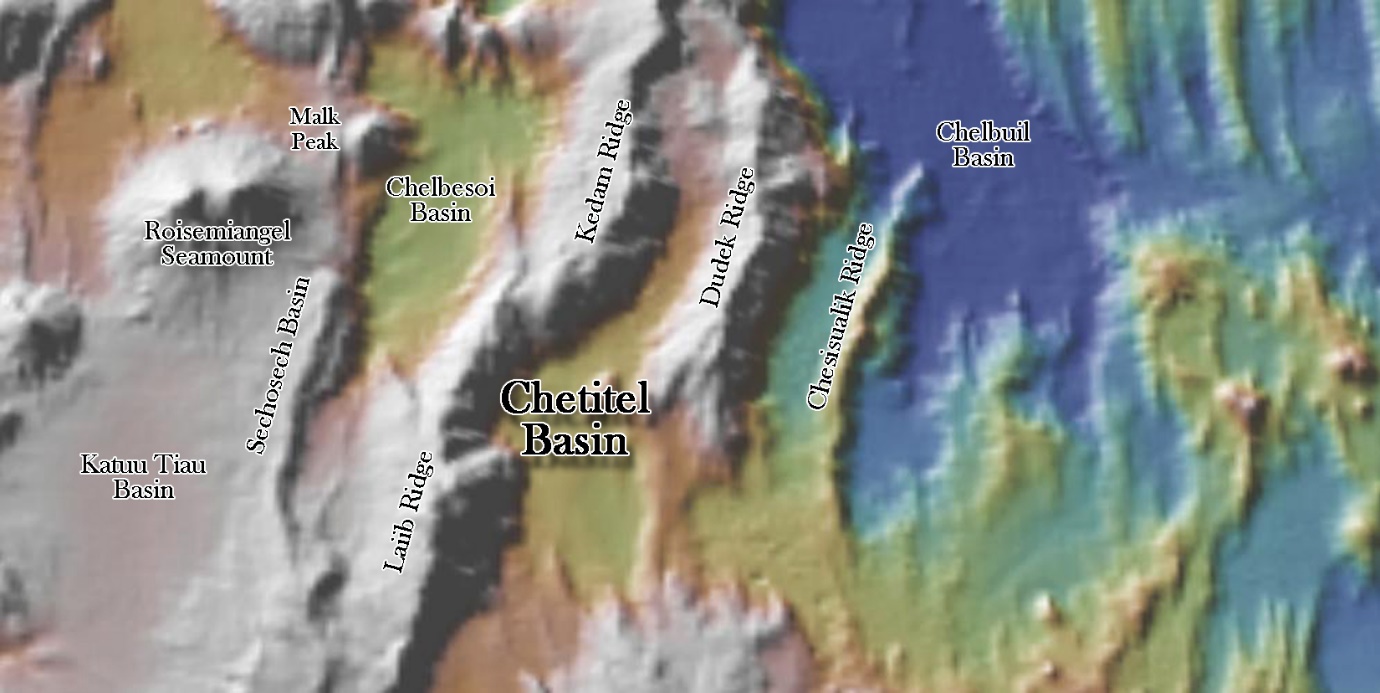


Fig. 1. Bathymetric 3D image of Chetitel Basin and its vicinity.

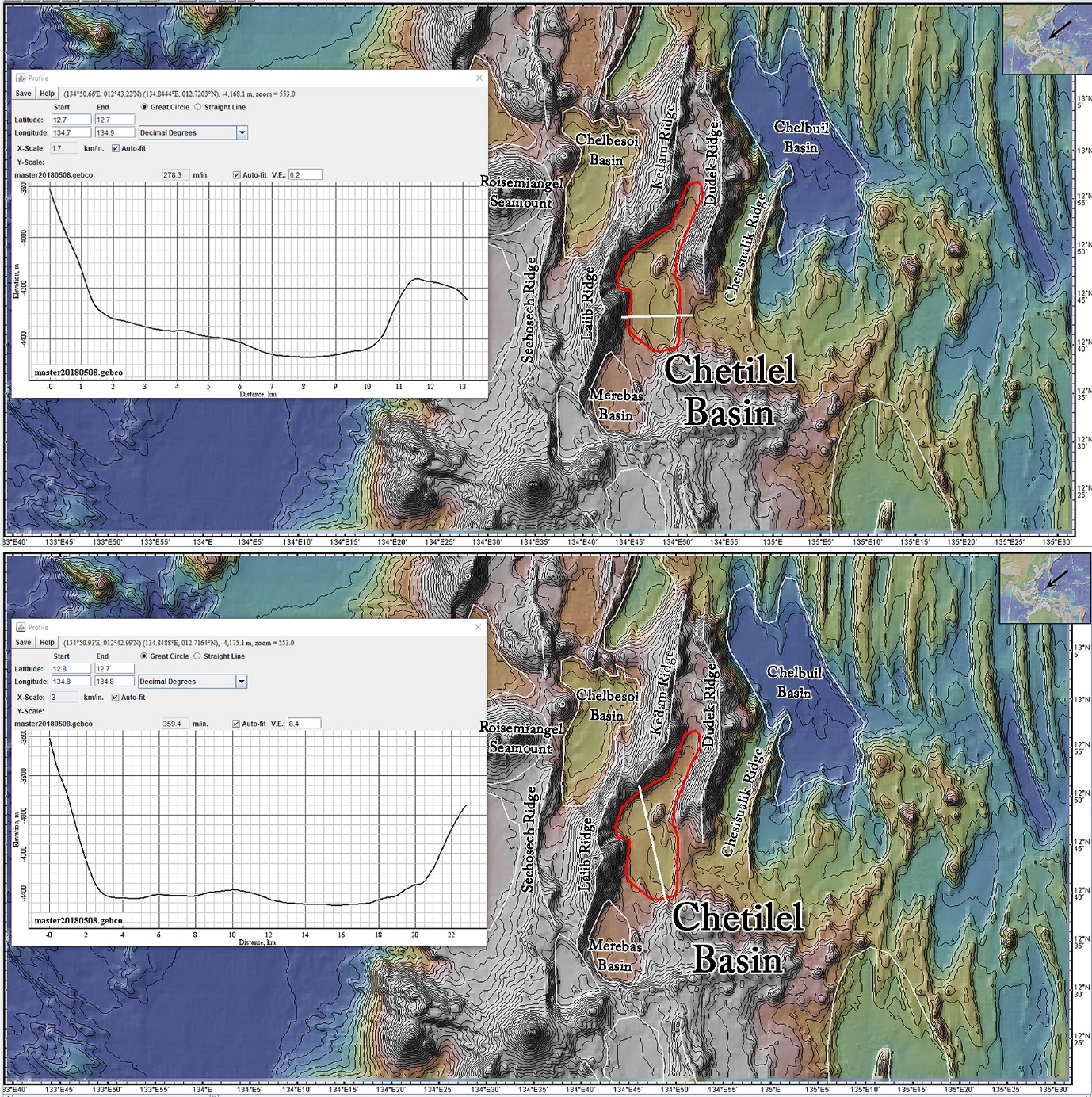


Fig. 2. Bathymetric profile across Chetitel Basin. The polygon that defines the basin is also shown. Contours in 100 m intervals.



Fig. 3. Picture of a Damsel Fish (Chetitel)