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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:** | Chelbesoi 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:** | 13° 02' 52.752" N  13° 03' 13.310" N  13° 02' 49.325" N  13° 02' 18.487" N  13° 02' 21.914" N  13° 03' 30.442" N  13° 03' 06.457" N  13° 02' 11.634" N  13° 02' 01.355" N  13° 00' 59.680" N  12° 58' 52.902" N  12° 57' 23.815" N  12° 57' 10.109" N  12° 55' 58.154" N  12° 53' 34.244" N  12° 49' 51.527" N  12° 48' 56.704" N  12° 49' 00.131" N  12° 51' 13.761" N  12° 53' 30.818" N  12° 56' 05.007" N  12° 58' 49.475" N  13° 00' 01.430" N  13° 00' 49.400" N  13° 01' 51.076" N  13° 03' 51.001" N  13° 04' 25.265" N  13° 03' 51.001" N | 134° 41' 02.306" E  134° 42' 07.408" E  134° 42' 38.246" E  134° 43' 09.084" E  134° 43' 57.054" E  134° 43' 39.922" E  134° 44' 31.318" E  134° 44' 41.597" E  134° 45' 53.552" E  134° 46' 24.390" E  134° 46' 03.832" E  134° 45' 19.288" E  134° 44' 03.907" E  134° 43' 36.495" E  134° 43' 43.348" E  134° 41' 36.570" E  134° 39' 57.204" E  134° 38' 07.559" E  134° 37' 57.279" E  134° 38' 10.985" E  134° 38' 14.411" E  134° 39' 43.498" E  134° 39' 53.778" E  134° 39' 09.234" E  134° 37' 53.853" E  134° 37' 57.279" E  134° 39' 05.808" E  134° 40' 17.763" E |

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| **Feature Description:** | Maximum Depth : | 4535 m | Steepness : | N/A |
| Minimum Depth : | 4000 m | Shape : | Rectangular shaped |
| Total Relief : | 535 m | Dimension/Size : | 27 km x 9 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)**:** | Chelbesoi is the Palauan name for a species of Butterfly Fish, which is found on reefs throughout Palau. |

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| **Discovery Facts:** | Discovery Date: | May to June 2007 |
| Discoverer (Individual, Ship): | S/V Takuyo (HODJ) |

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| **Supporting Survey Data, including Track Controls:** | Date of Survey: | May to June 2007, June 2007 |
| Survey Ship: | S/V Takuyo, 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) |

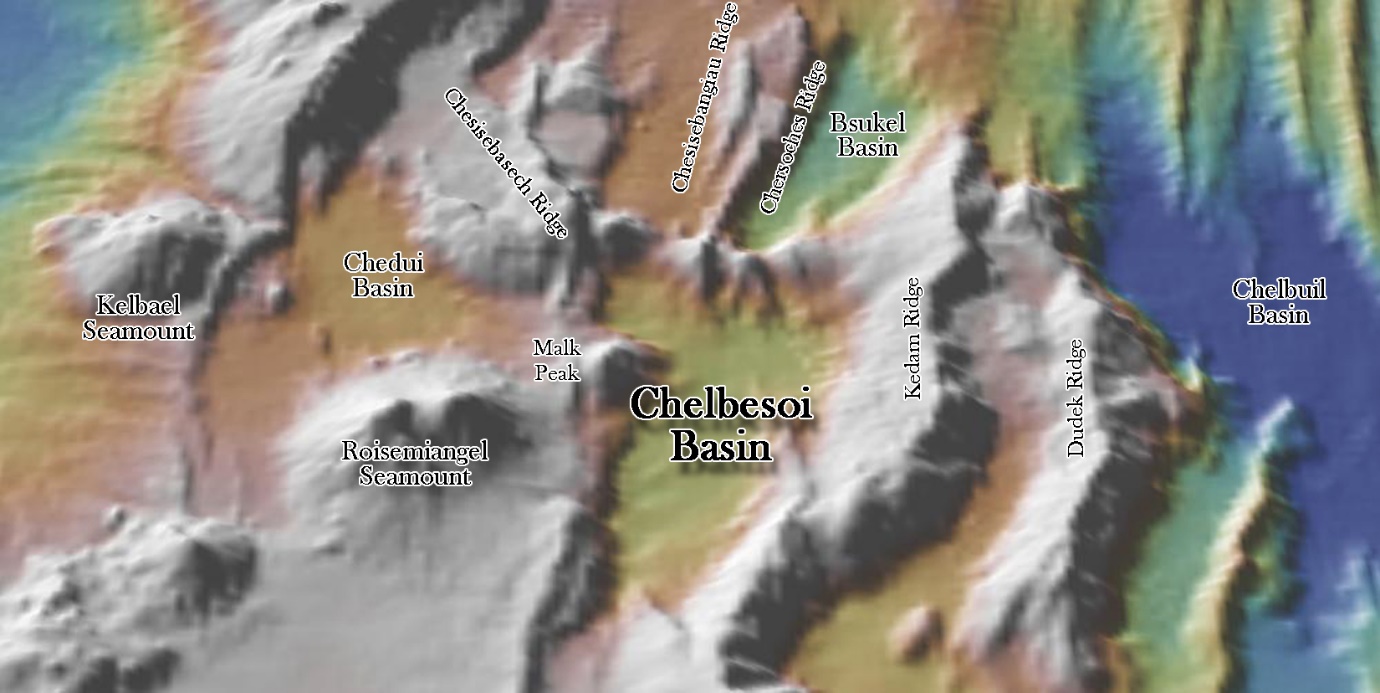


Fig. 1. Bathymetric 3D image of Chelbesoi Basin and its vicinity.

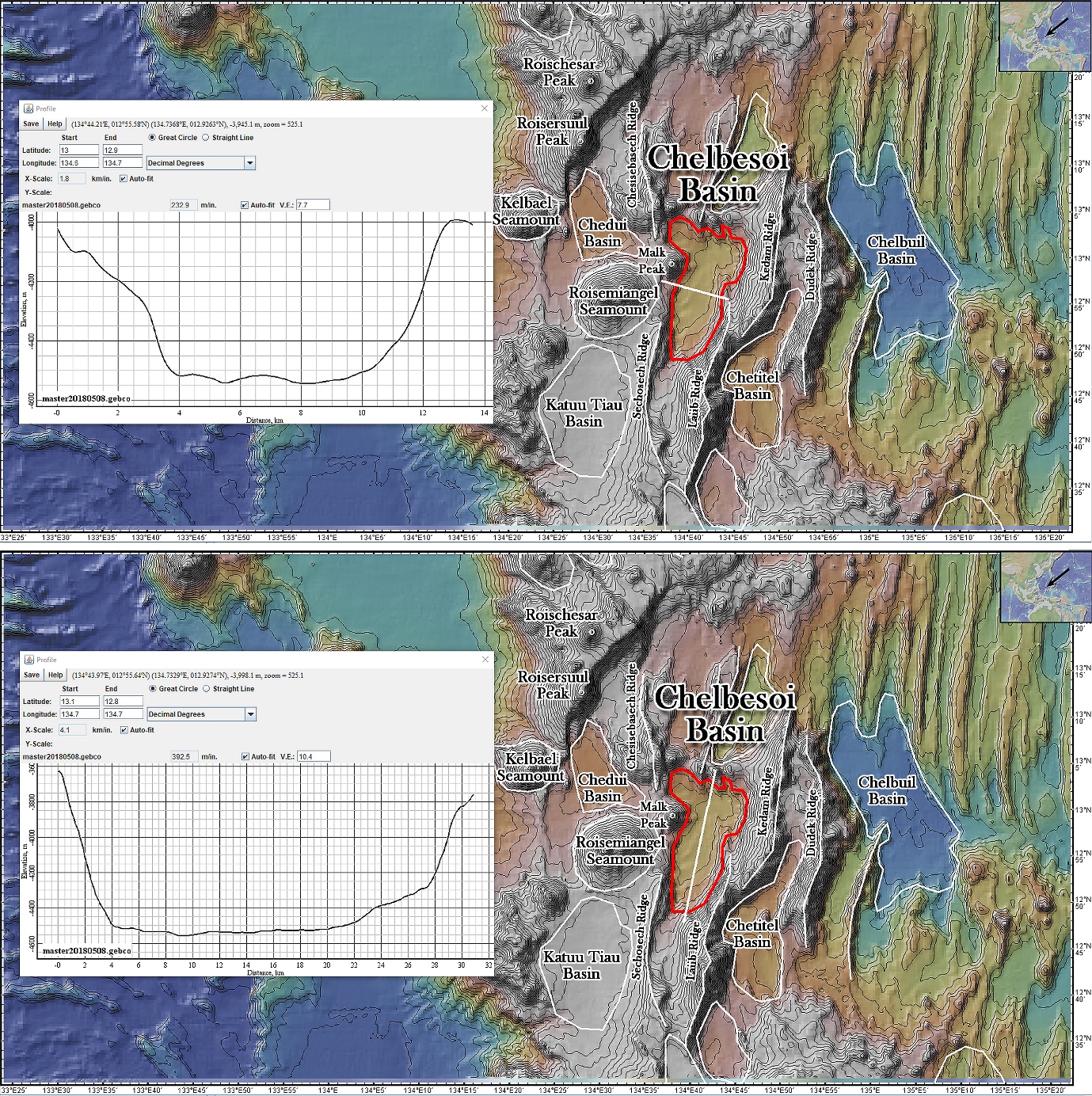


Fig. 2. Bathymetric profile across Chelbesoi Basin. The polygon that defines the basin is also shown. Contours in 100 m intervals.



Fig 3. Picture of a Butterfly Fish (Chelbesoi)