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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:** | Chelbuil 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° 11' 43.847" N  13° 11' 02.730" N  13° 08' 55.952" N  13° 08' 01.130" N  13° 07' 47.424" N  13° 08' 01.130" N  13° 09' 02.805" N  13° 10' 07.907" N  13° 11' 30.142" N  13° 12' 28.391" N  13° 12' 14.685" N  13° 11' 09.583" N  13° 09' 50.775" N  13° 08' 35.394" N  13° 07' 37.145" N  13° 05' 33.793" N  13° 02' 52.752" N  12° 59' 06.608" N  12° 57' 37.521" N  12° 56' 52.977" N  12° 55' 51.301" N  12° 54' 15.362" N  12° 51' 37.746" N  12° 51' 03.482" N  12° 51' 17.188" N  12° 51' 54.878" N  12° 51' 17.188" N  12° 49' 41.248" N  12° 49' 00.131" N  12° 50' 01.806" N  12° 53' 30.818" N  12° 54' 05.082" N  12° 55' 10.184" N  12° 56' 08.434" N  12° 56' 46.124" N  12° 57' 34.094" N  12° 58' 28.917" N  12° 57' 37.521" N  12° 56' 56.403" N  12° 57' 10.109" N  12° 58' 25.490" N  12° 59' 27.166" N  13° 02' 32.193" N | 134° 57' 46.248" E  134° 58' 23.939" E  134° 58' 27.366" E  134° 59' 05.056" E  134° 59' 49.600" E  135° 00' 34.143" E  135° 00' 47.849" E  135° 00' 54.702" E  135° 01' 08.407" E  135° 01' 35.819" E  135° 02' 37.494" E  135° 03' 01.479" E  135° 03' 18.612" E  135° 03' 59.729" E  135° 04' 16.861" E  135° 04' 54.551" E  135° 06' 06.506" E  135° 08' 44.122" E  135° 09' 52.650" E  135° 09' 49.224" E  135° 08' 50.975" E  135° 09' 52.650" E  135° 09' 01.254" E  135° 07' 32.167" E  135° 06' 57.903" E  135° 05' 11.684" E  135° 03' 28.891" E  135° 02' 03.230" E  135° 00' 47.849" E  135° 00' 30.717" E  135° 01' 25.540" E  135° 01' 01.555" E  135° 00' 51.275" E  135° 01' 01.555" E  135° 01' 59.804" E  135° 02' 10.083" E  135° 01' 52.951" E  135° 01' 04.981" E  135° 00' 17.011" E  134° 59' 42.747" E  134° 59' 32.468" E  134° 59' 05.056" E  134° 57' 15.411" E |

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| **Feature Description:** | Maximum Depth : | 5325 m | Steepness : | N/A |
| Minimum Depth : | 4900 m | Shape : | Rectangle shaped |
| Total Relief : | 425 m | Dimension/Size : | 42 km x 15 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)**:** | Chelbuil is the Palauan name for a species of Surgeon 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 :

|  |  |
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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 Chelbuil Basin and its vicinity.

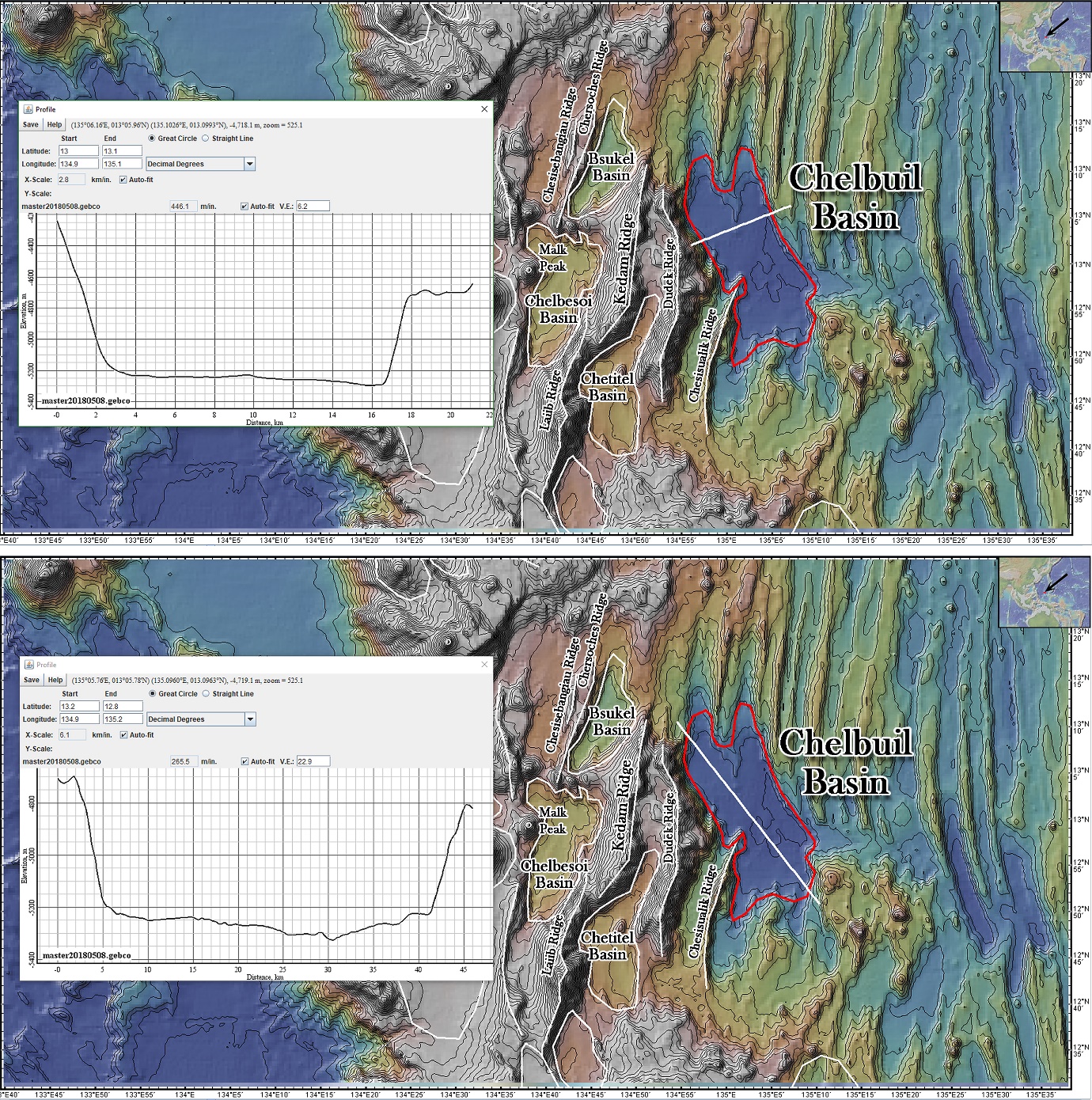


Fig. 2. Bathymetric profile across Chelbuil Basin. The polygon that defines the basin is also shown. Contours in 100 m intervals.



Fig 3. Picture of a Surgeon Fish (Chelbuil)