

INTERNATIONAL HYDROGRAPHIC ORGANIZATION	INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)
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UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

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

Name Proposed:	Cherosech Ridge	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.

	Lat. (degrees, north)	Long. (degrees, east)
Coordinates:	13° 33' 34.233" N	134° 53' 19.219" E
	13° 34' 23.232" N	134° 52' 36.812" E
	13° 34' 48.281" N	134° 52' 24.507" E
	13° 36' 51.548" N	134° 51' 47.813" E
	13° 37' 58.345" N	134° 51' 26.279" E
	13° 39' 53.701" N	134° 50' 48.047" E
	13° 40' 30.396" N	134° 50' 24.316" E
	13° 40' 57.642" N	134° 50' 30.029" E
	13° 41' 12.803" N	134° 50' 48.047" E
	13° 41' 37.412" N	134° 51' 05.405" E
	13° 42' 24.873" N	134° 51' 17.710" E
	13° 43' 45.513" N	134° 50' 26.514" E
	13° 45' 27.026" N	134° 51' 09.800" E
	13° 46' 24.595" N	134° 52' 15.938" E
	13° 47' 56.001" N	134° 52' 27.583" E
	13° 48' 18.413" N	134° 52' 34.614" E
13° 49' 05.874" N	134° 52' 36.152" E	
13° 49' 56.191" N	134° 52' 48.457" E	

Feature Description:	Maximum Depth :	4480 m	Steepness :	N/A
	Minimum Depth :	3027 m	Shape :	Elongated
	Total Relief :	1453 m	Dimension/Size :	30 km in length

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

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Cherosech is the Palauan name for the Micronesian Kingfisher, which is a bird endemic to the forests of Palau.
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Discovery Facts:	Discovery Date:	May to June 2007
	Discoverer (Individual, Ship):	S/V Shoyo (HODJ)

	Date of Survey:	May to June 2007, June 2007
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Supporting Survey Data, including Track Controls:	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.	

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.
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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	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
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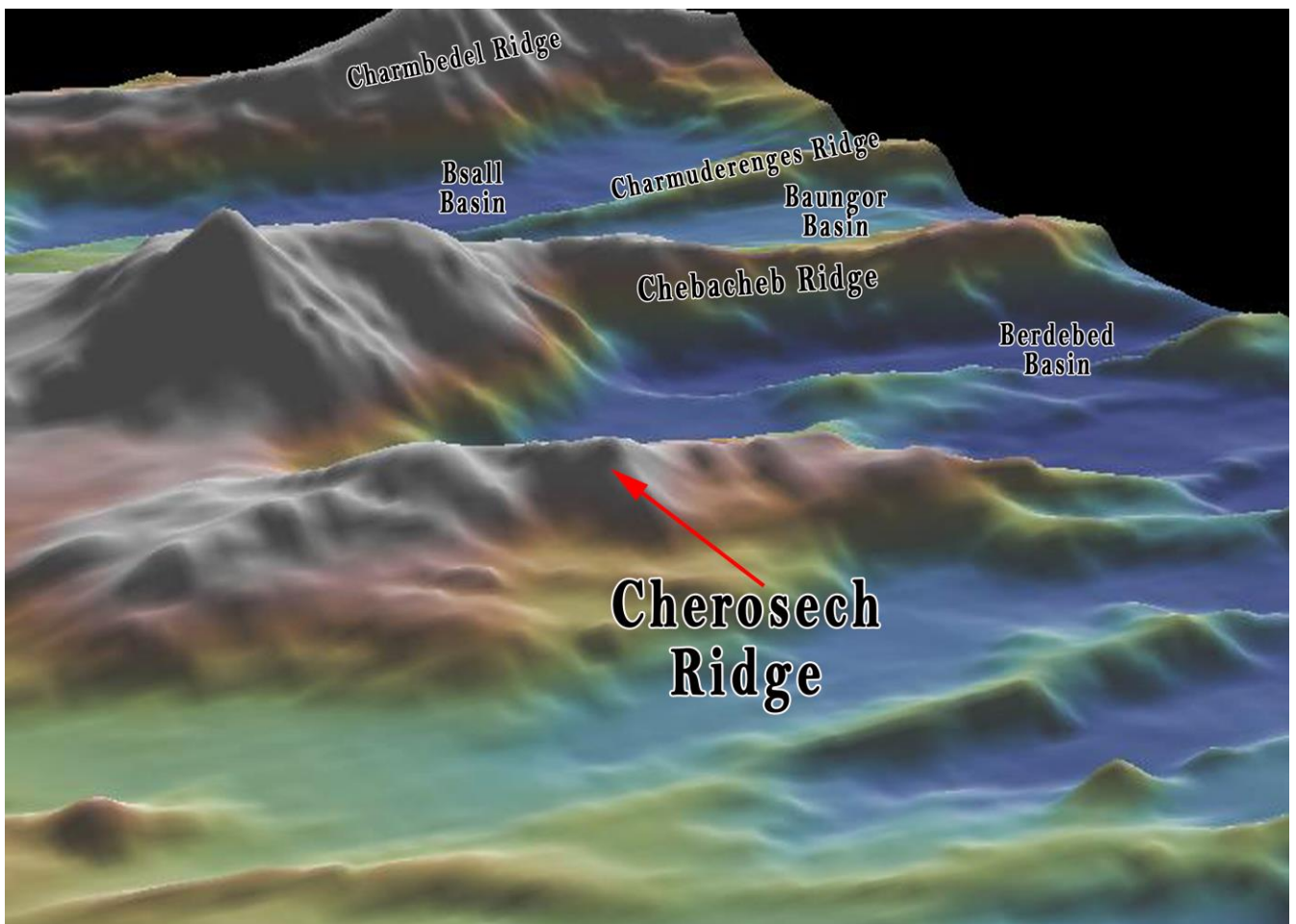


Fig. 1. Bathymetric 3D image of Cherosetch Ridge and its vicinity.

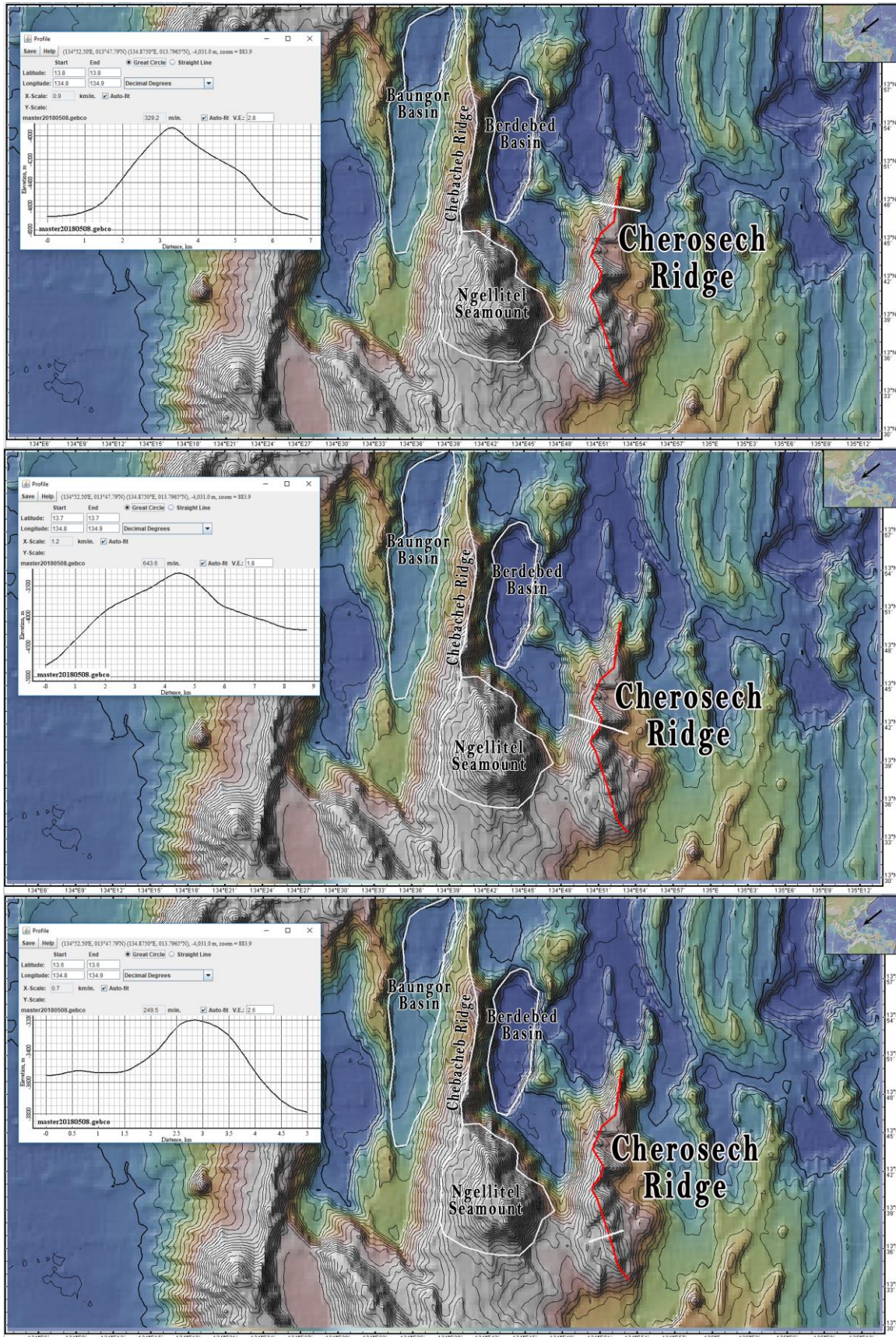


Fig. 2. Bathymetric profile across Cherosech Ridge. The polyline that defines the ridge is also shown. Contours in 100 m intervals.



Fig 3. Picture of the Micronesian Kingfisher (Cherosech)