

UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

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

Name Proposed:	Chereskin Seamount	Ocean or Sea:	South Pacific
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Geometry that best defines the feature (Yes/No) :						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
No	No	Yes	No	No	No	No

* Geometry should be clearly distinguished when providing the coordinates below.

	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
Coordinates:	Polygon:	
	-54.875	-98.822
	-54.760	-98.738
	-54.698	-98.536
	-54.768	-98.302
	-54.861	-98.237
	-54.958	-98.330
	-55.008	-98.518
	-54.980	-98.785
-54.875	-98.822	

Feature Description:	Maximum Depth:	4500 Meters	Steepness :	Up to 18°
	Minimum Depth :	0 Meters	Shape :	Seamount
	Total Relief :	4500 Meters	Dimension/Size :	40 km x 40 km

Associated Features:	
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Chart/Map References:	Shown Named on Map/Chart:	None (un-named)
	Shown Unnamed on Map/Chart:	GEBCO Undersea features Gazetteer and GMRT map.
	Within Area of Map/Chart:	South Pacific

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Named after Teri Chereskin who was the Chief Scientist aboard the first Multibeam Bathymetry survey ship to visit the area, survey I.D. KN182L07. Teri Chereskin is a Research Oceanographer and Senior Lecturer in the Integrated Oceanography Division (IOD) and the Climate, Atmospheric Science and Physical Oceanography (CASPO) Division at Scripps Institution of Oceanography at the University of California, San Diego. She is Associate Director of the CASPO Division.
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Discovery Facts:	Discovery Date:	Unknown
	Discoverer (Individual, Ship):	Unknown

Supporting Survey Data, including Track Controls:	Date of Survey:	2005*
	Survey Ship:	Survey ID: KN182L07* see below

	Sounding Equipment:	SeaBeam 2112* Multibeam Bathymetry (47.900522 million pixels)*
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	100m resolution
	Survey Track Spacing:	Swath Bathymetry

Supporting material can be submitted as Annex in analog or digital form.

Please see attached spreadsheet.

*The depth values were obtained from Global Multi-Resolution Topography (GMRT) Synthesis, Ryan et al., 2009. This uses ship-based multibeam swath bathymetry data from research cruises assessed, cleaned, processed and curated by the MGDS and gridded seafloor depth data.

The Multibeam Bathymetry surveys in the area of the Chereskin Seamount are listed below:

Multibeam Bathymetry Survey: NBP0804

Survey ID: NBP0804

Platform Name: Nathaniel B. Palmer

Survey Year: 2008

Source Organization: Marine Geoscience Data System (MGDS)

Chief Scientist: Stock, Joann

Instrument: Simrad EM120

File Count: 576

Track Length: 10305 km

Total Time: 556 hours

Bathymetry Beams: 47.281286 million

Amplitude Beams: 47.281286 million

Sidescan: 253.487104 million pixels

Multibeam Bathymetry Survey: KN182L11

Survey ID: KN182L11

Platform Name: Knorr

Survey Year: 2006

Source Organization: Woods Hole Oceanographic Institution (WHOI)

Chief Scientist: Talley, L.

Instrument: SeaBeam 2112

File Count: 39

Track Length: 10062 km

Total Time: 859 hours

Bathymetry Beams: 30.650584 million

Amplitude Beams: 30.650584 million

Sidescan: 405.968 million pixels

Multibeam Bathymetry Survey: KN182L07

Survey ID: KN182L07

Platform Name: Knorr

Survey Year: 2005

Source Organization: Woods Hole Oceanographic Institution (WHOI)

Chief Scientist: Chereskin, T.

Instrument: SeaBeam 2112

File Count: 43

Track Length: 10156 km

Total Time: 991 hours

Bathymetry Beams: 47.900522 million

Amplitude Beams: 47.900522 million

Sidescan: 634.444 million pixels

Multibeam Bathymetry Survey: TN246

Survey ID: TN246

Platform Name: Thomas G. Thompson

Survey Year: 2010

Source Organization: Marine Geoscience Data System (MGDS)

Chief Scientist: Ledwell, James

Instrument: Simrad EM300

File Count: 262

Track Length: 6323 km

Total Time: 376 hours

Bathymetry Beams: 49.723065 million

Amplitude Beams: 49.723065 million

Sidescan: 377.158656 million pixels

Proposer(s):	Name(s): Lee John Daniels
	Date: 19/04/2016
	E-mail: leedaniels.email@gmail.com
	Organization and Address: N/A, (a private work)
	Concurrer (name, e-mail, organization and address):

Remarks:	
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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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