

**UNDERSEA FEATURE NAME PROPOSAL**  
(See IHO-IOC Publication B-6 and **NOTE** overleaf)

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

<b>Name Proposed:</b>	Saint Paul West Canyon (new feature)	<b>Ocean or Sea:</b>	Bering Sea
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<b>Geometry</b> that best defines the feature (Yes/No) :						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
Yes	Yes	No	No	No	No	Yes

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

<b>Coordinates:</b>	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
	Point (1303 m) 56° 28.4'N	Point (1303 m) 172° 21.4'W
	Line Start (73 m) 57° 28.2'N	Line Start (73 m) 170° 35.9'W
	Line Mid1 (109 m) 57° 31.3'N	Line Mid1 (109 m) 171° 55.8'W
	Line Mid2 (115 m) 57° 07.1'N	Line Mid2 (115 m) 171° 53.9'W
	Line Mid3 (127 m) 56° 50.2'N	Line Mid3 (127 m) 172° 26.4'W
Line Mid4 (1303 m) 56° 28.4'N	Line Mid4 (1303 m) 172° 21.4'W	
Line End (3522 m) 55° 22.6'N	Line End (3522 m) 173° 03.5'W	

<b>Feature Description:</b>	Maximum Depth:	3522 m	Steepness :	0.8°
	Minimum Depth :	73 m	Shape :	U/V
	Total Relief :	3449 m	Dimension/Size :	403861 m long/ ~27000 m wide

<b>Associated Features:</b>	Bering canyons, Pribilof Island area canyons
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<b>Chart/Map References:</b>	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	US Nav. Chart 16011
	Within Area of Map/Chart:	

<b>Reason for Choice of Name</b> (if a person, state how associated with the feature to be named):	Our proposed canyon is not recognized by ACUF or GEBCO. We propose that this canyon is similar to another canyon that approaches St. Paul Island, and that it should be named Saint Paul West Canyon.
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<b>Discovery Facts:</b>	Discovery Date:	2018
	Discoverer (Individual, Ship):	2018

<b>Supporting Survey Data, including Track Controls:</b>	Date of Survey:	various
	Survey Ship:	various
	Sounding Equipment:	various
	Type of Navigation:	various
	Estimated Horizontal Accuracy, in nautical miles (M):	100 m horizontal resolution bathymetry surface
	Survey Track Spacing:	various

Supporting material can be submitted as Annex in analog or digital form. Please see Zimmermann and Prescott (2018)	
<b>Proposer(s):</b>	Name(s): Mark Zimmermann & Megan Prescott
	Date: July 2018
	E-mail: mark.zimmermann@noaa.gov
	Organization and Address: National Marine Fisheries Service, NOAA, Alaska Fisheries Science Center, 7600 Sand Point Way NE, Bldg. 4, Seattle, WA 98115-6349 USA
	Concurrer (name, e-mail, organization and address):
<b>Remarks:</b>	Zimmermann and Prescott (2018): shown in Fig. 7 (please see below). Harris et al. (2014): a short section is recognized as shelf incising canyon C8822. Harris and Whiteway (2011): a short section of this canyon is recognized as an unnamed canyon.

**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 Publication B-6) or,  
if this does not exist or is not known, either to the IHO 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 IHO or to the IOC, at the following addresses :

International Hydrographic Organization (IHO) 4b, Quai Antoine 1er B.P. 445 MC 98011 MONACO CEDEX Principality of MONACO Fax: +377 93 10 81 40 E-mail: <a href="mailto:info@iho.int">info@iho.int</a> Web: <a href="http://www.iho.int">www.iho.int</a>	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS France Fax: +33 1 45 68 58 12 E-mail: <a href="mailto:info@unesco.org">info@unesco.org</a> Web: <a href="http://ioc-unesco.org/">http://ioc-unesco.org/</a>
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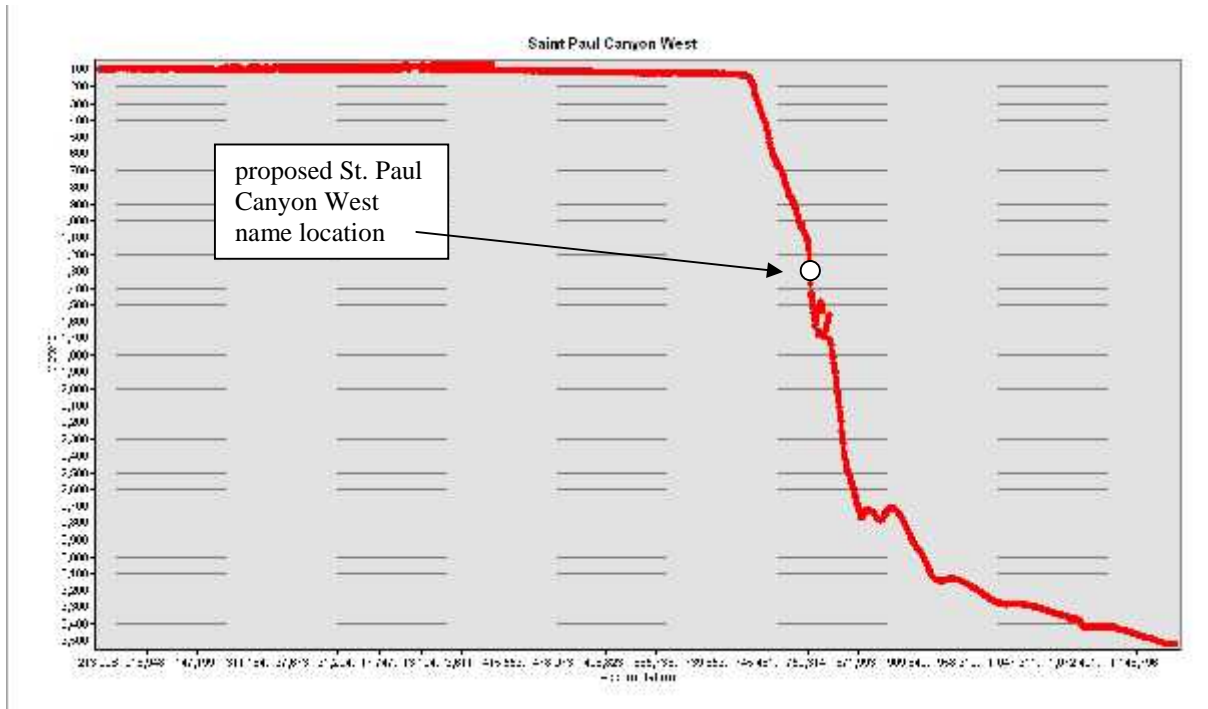


Figure 1. Plot of depth and accumulation of raster cells along main thalweg path.

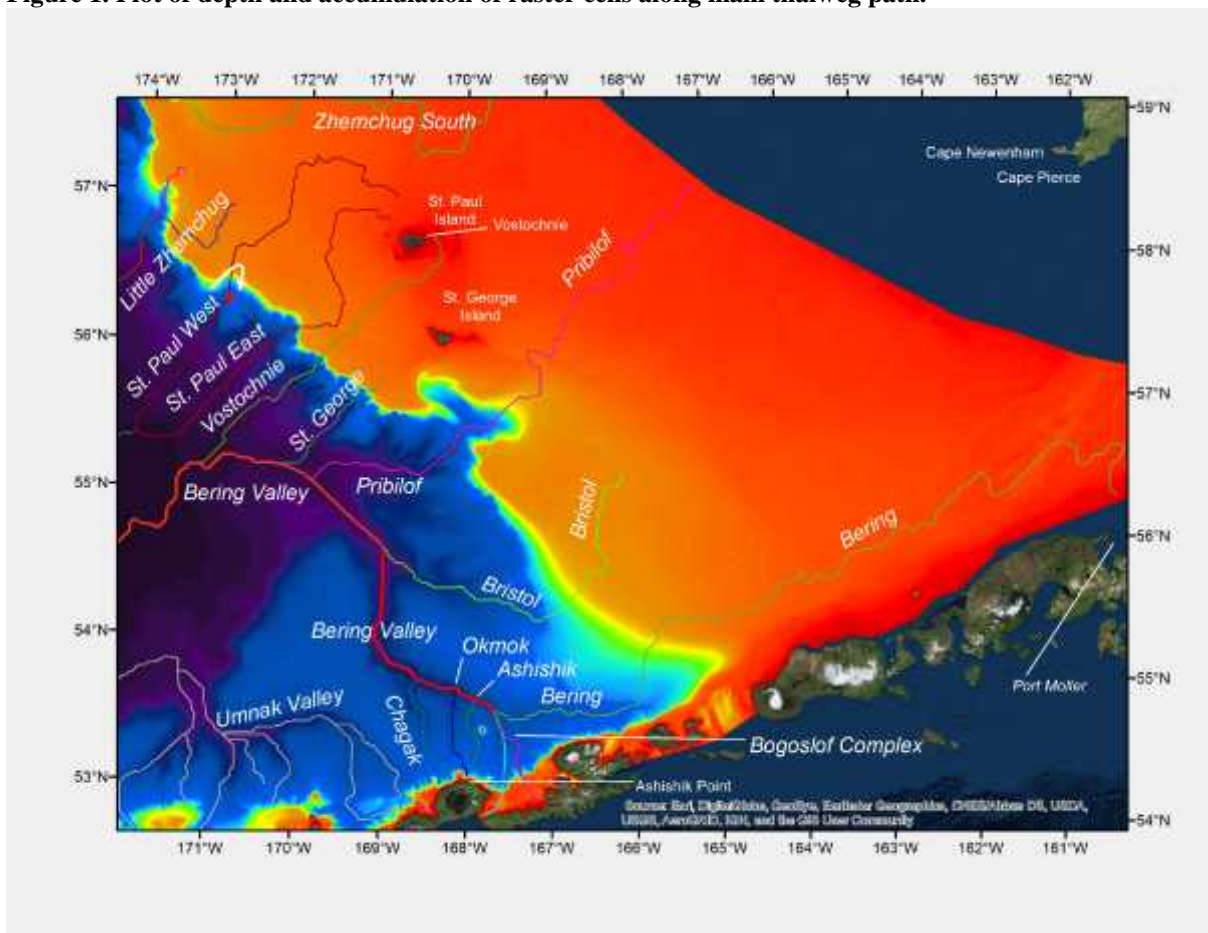


Figure 2. Modified version of Fig 7. (Zimmermann & Prescott, 2018) "Thalwegs of the Bering Canyon area of the eastern Bering Sea slope" showing proposed Saint Paul Canyon West place name.