

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

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

**Name Proposed:** Agligadak Canyon (new feature) **Ocean or Sea:** Bering Sea

**Geometry** 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.

**Coordinates:**

	Lat. (e.g. 63°32.6'N) Point (2969 m) 53° 04.8'N	Long. (e.g. 046°21.3'W) Point (2969 m) 172° 51.5'W
	Line Start (842 m) 52° 40.2'N Line Mid1 (2969 m) 53° 04.8'N Line Mid2 (3236 m) 53° 17.6'N Line End (3698 m) 53° 31.1'N	Line Start (842 m) 172° 50.5'W Line Mid1 (2969 m) 172° 51.5'W Line Mid2 (3236 m) 172° 56.2'W Line End (3698 m) 173° 57.6'W

**Feature Description:**

Maximum Depth:	3698 m	Steepness :	1.6°
Minimum Depth :	842 m	Shape :	U/V
Total Relief :	2856 m	Dimension/Size :	156305 m long/ ~30000 m wide

**Associated Features:** Urmak canyons

**Chart/Map References:**

Shown Named on Map/Chart:	
Shown Unnamed on Map/Chart:	US Nav. Chart 16480 & 16012
Within Area of Map/Chart:	

**Reason for Choice of Name** (if a person, state how associated with the feature to be named):  
This is a new seafloor feature and the southern, shallow end of the canyon thalweg points towards the east end of Amliia Island. Agligadak Island and Reefs is just off the east end of Amliia Island. (Nearby Tanadak Island is larger but there are two other Tanadak Islands in the Aleutians).

**Discovery Facts:**

Discovery Date:	2018
Discoverer (Individual, Ship):	

**Supporting Survey Data, including Track Controls:**

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
	Concurren (name, e-mail, organization and address):	
<b>Remarks:</b>	Zimmermann and Prescott (2018): shown in Fig. 6 (please see below). Harris et al. (2014): recognized as shelf incising canyon C8619 (which includes the Seguam Canyon complex). Harris and Whiteway (2011): not recognized as a 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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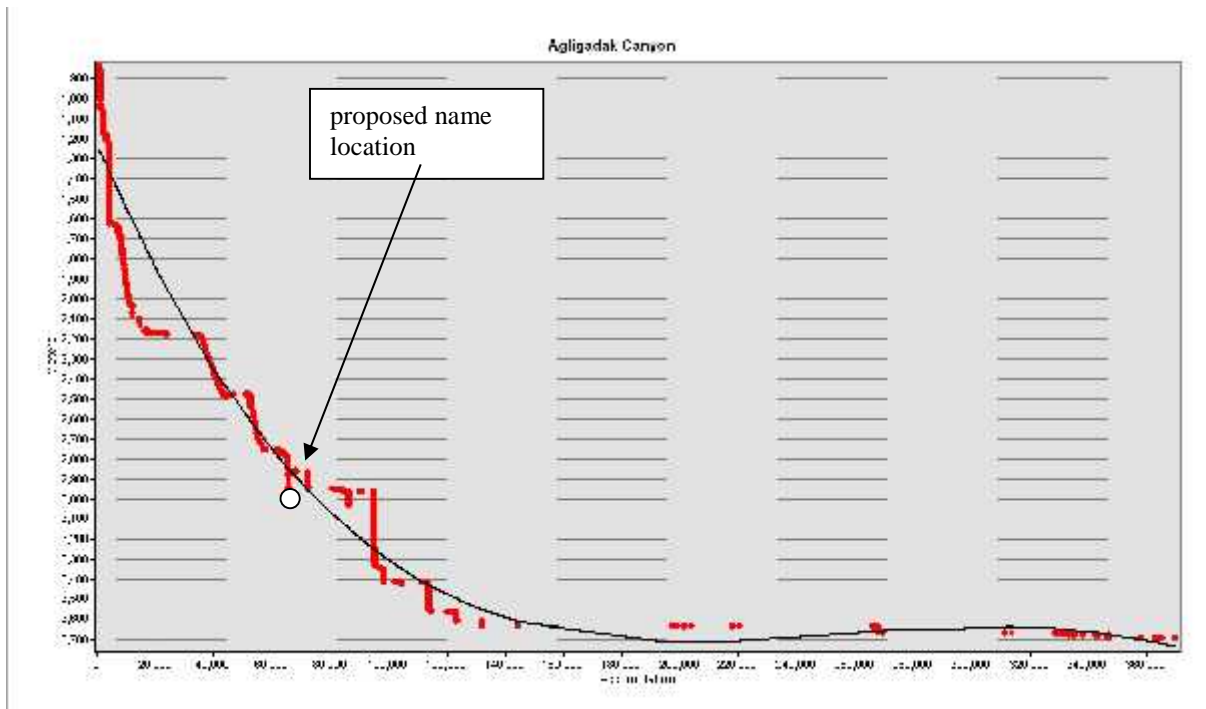


Figure 1. Plot of depth and accumulation of raster cells along main thalweg path, with fitted curve.

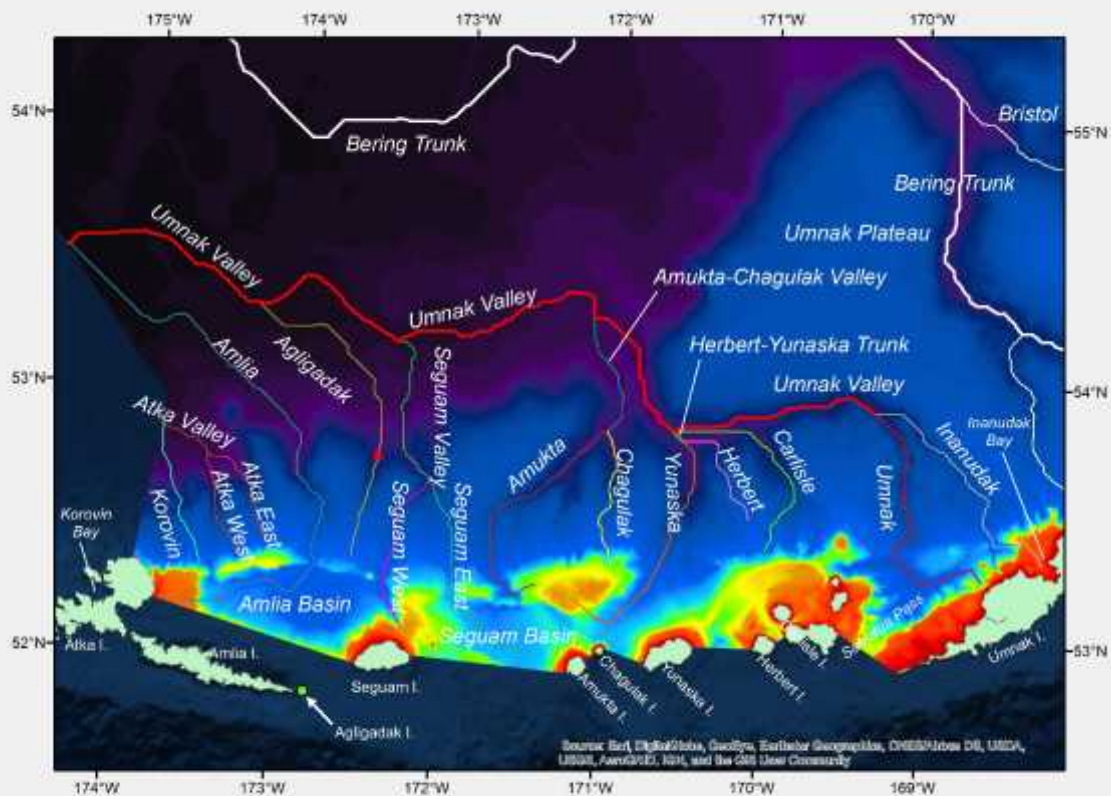


Figure 2. Modified version of Fig 6. (Zimmermann & Prescott, 2018) "Thalwegs of the Umnak Canyon area of the eastern Bering Sea slope" showing proposed location for Agligadak Canyon place name.