

UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

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

Name Proposed:	Axial Seamount	Ocean or Sea:	Pacific Ocean
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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.

Coordinates:	Lat. (e.g. 63°32.6'N) 45°57.6'N	Long. (e.g. 046°21.3'W) 130°0.6'W
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Feature Description:	Maximum Depth:	2950 m	Steepness :	
	Minimum Depth :	1410 m	Shape :	
	Total Relief :		Dimension/Size :	

Associated Features:	Hydrothermal vents; spreading center; active volcano; site of Regional Scale Node (RCN), the cabled observatory of the NSF Ocean Observatories Initiative.
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Chart/Map References:	Shown Named on Map/Chart:	See accompanying references
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	

Reason for Choice of Name (if a person, state how associated with the feature to be named):	Located on the shallowest point along the axis of the Juan de Fuca Ridge. Has been the commonly used name for over 30 years, published in peer-reviewed journals.
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Discovery Facts:	Discovery Date:	1980
	Discoverer (Individual, Ship):	NOAA Ship Discoverer

Supporting Survey Data, including Track Controls:	Date of Survey:	1981-1982 original; *repeat multibeam surveys through 2015
	Survey Ship:	NOAA Ship Discoverer; *last mapped with MBARI AUV
	Sounding Equipment:	SeaBeam classic
	Type of Navigation:	Satellite; *GPS & USBL
	Estimated Horizontal Accuracy (nm):	.035 km
	Survey Track Spacing:	Overlapping swaths
	Supporting material can be submitted as Annex in analog or digital form.	

Proposer(s):	Name(s):	Robert Embley and Andra Bobbitt
	Date:	
	E-mail:	Robert.W.Embley@noaa.gov Andra.Bobbitt@noaa.gov
	Organization and Address:	NOAA PMEL; 2115 SE OSU Dr., Newport OR 97376 USA
	Concurrer (name, e-mail, organization and address):	

Remarks:

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