

UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

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

Name Proposed: Vancouver Knolls **Ocean or Sea:** North Pacific

Geometry that best defines the feature (Yes/No) :

Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
No	No	No	Yes	No	No	No

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

Coordinates:

	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
	49°22.2'N (eastern hill summit)	152°44.3'W (eastern hill summit)
	49°20.5'N (center hill summit)	152°48.9'W (center hill summit)
	49°22.5'N (western hill summit)	152°54.6'W (western hill summit)

Feature Description:	Maximum Depth: 5000m (all)	Steepness :	15% (easter, average) 15% - 20% (center, average) 19% (western, average)
	Minimum Depth : 4087m (eastern) 4106m (center) 4450m (western)	Shape :	Rounded profile
	Total Relief : 913m (eastern) 894m (center) 550m (western)	Dimension/Size :	20 x 11km ² (altogether) 9 x 7 km ² (eastern) 8 x 6.5 km ² (center) 7.5 x 6 km ² (western)

Associated Features: Cluster of three features

Chart/Map References: Shown Named on Map/Chart:
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): George Vancouver, born June 22, 1757, deceased May 10, 1798 was officer in the British Royal Navy and explorer who became famos when he explored the Pacific coast of North America from California up to Alaska. He also explored the west coast of Australia. The cities Vancouver (B.C., Canada and WA, USA) as well as Vancouver Island (B.C., Canada) where named after him.

Discovery Facts: Discovery Date: August 5, 2009
Discoverer (Individual, Ship): T. Dufek, A.-K. Rohardt, C. Heinzl
RV Sonne, leg 202/2

Supporting Survey Data, including Track Controls:	Date of Survey:	August 5, 2009
	Survey Ship:	RV Sonne, leg 202/2
	Sounding Equipment:	SIMRAD EM120
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy (nm):	0.05
	Survey Track Spacing:	Isolated track
	Supporting material can be submitted as Annex in analog or digital form.	

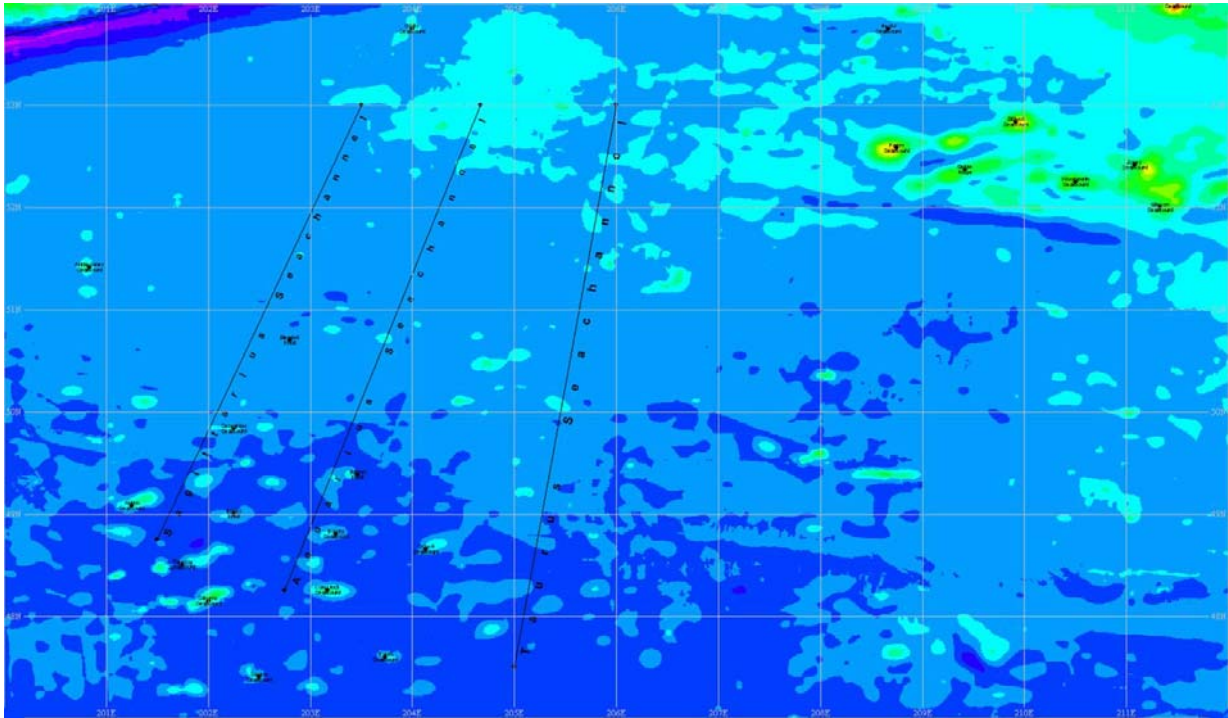
Proposer(s):	Name(s):	Dr. Rainer Gersonde (chief scientist)
	Date:	September 15, 2009
	E-mail:	Rainer.Gersonde@awi.de
	Organization and Address:	Alfred –Wegener-Institute for Polar and Marine Research Postfach 12 01 61 27515 Bremerhaven
	Concurrer (name, e-mail, organization and address):	

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 <u>Principality of MONACO</u> Fax: +377 93 10 81 40 E-mail: info@ihb.mc	Intergovernmental Oceanographic Commission (IOC) UNESCO Place de Fontenoy 75700 PARIS <u>France</u> Fax: +33 1 45 68 58 12 E-mail: info@unesco.org
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Vancouver Knolls

