

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

Ocean or Sea Fram Strait Name proposed Varenius

Coordinates : **A** - of midpoint or summit : Lat.. 79°09'30" N , Long. 1°00'38" W

 kilometres in direction from

and/or **B** - extremities (if linear feature) :

 Lat. 79°06'05" N } to { Lat. 79°11'55" N

 Long. 0°53'35" W } { Long. 1°04'58" W

Description (kind of feature) : Hill

Identifying or categorizing characteristics (shape, dimensions, total relief, least depth, steepness, etc.):

The conic form of the hill starts in a depth near 2500m. Minimum depth of the south mound is 2073m. The hill is ~20 Km long and ~5 Km wide.

Associated features : Situated on the northwest base of Knipovich Ridge

Chart reference :

Shown with name on chart No.

Shown but not named on chart No.

Not shown but within area covered by chart No.

Reason for choice of name (if a person, state how associated with the feature to be named) :

Bernhard Varenius(1622-1650) wrote the first book of modern oceanography "Geographica Generalis".

Discovery facts :

Date by (individuals or ship) R/V "Polarstern"

By means of (equipment) : Hydrosweep Ds-2

Navigation used : Satellite(GPS)

Estimated positional accuracy in nautical miles : 100m

Description of survey (track spacing, line crossing, grid network, etc.) : R/V "Polarstern" Cruises Ark XVIII/2 and ARK IV/3.

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.) : Alfred Wegener Institute of Polar and Marine Research.

Supporting material : enclose, if possible, a sketch map of the survey area, profiles of the features, etc., with reference to prior publication, if any : See attached map.

Submitted by : Thomas Hartmann

Date : 14. May 2004

Address : Alfred Wegener Institute of Polar and Marine Research

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Concurred in by (if applicable) :

Address :

National Authority (if any) :

Address :

NOTE : This form should be forwarded, when completed :

- a) **If the undersea feature is located in territorial waters :-**
to your "National Authority for Approval of Undersea Feature Names" or, if this does not exist or is not known, either to the International Hydrographic Bureau or to the Intergovernmental Oceanographic Commission (see addresses below);
- b) **If the undersea feature is located in international waters :-**
to the International Hydrographic Bureau or to the Intergovernmental Oceanographic Commission, at the following addresses :

International Hydrographic Bureau
4, quai Antoine 1^{er}
B.P. 445
MC 98011 MONACO CEDEX
Principality of MONACO
Fax: +377 93 10 81 40
E-mail: info@ihb.mc

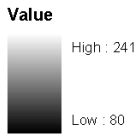
Intergovernmental Oceanographic Commission
UNESCO
Place de Fontenoy
75700 PARIS
FRANCE
Fax: +33 1 45 68 58 12
E-mail : info@unesco.org

Undersea Feature Name:
Varenius Hill

R/V Polarstern Tracks

- arkxviii2
- arkiv3

Hillshade



Isolinien

- Isolinien

Contour Interval: 20m

