

**UNDERSEA FEATURE NAME PROPOSAL** OHO/IOC form No. 1  
(See Note overleaf)

Ocean or Sea **Atlantic Ocean** Name proposed **Gorynych Hills**

Coordinates: of midpoint 1-st height: Lat. **77°57' N.** Long. **5°04,3' E.**

Coordinates: of midpoint 2-nd height: Lat. **77°50,7' N.** Long. **5°20,6' E.**

Coordinates: of midpoint 3-d height: Lat. **77°48,1' N.** Long. **5°39,8' E.**

Description (kind of feature): **hills**

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

**The chain of 3 hills is located in the northern part of the Knipovich ridge. The chain have dimensions about 30 x 10 km. The minimum depth is 1754 m. Relative height is more than 750 m.**

Associated features:

Chart reference:

Shown with name on chart No.

Shown but not named on chart No. **On the GEBCO sheet 5.17. the chain is not represented. On the map of Central Arctic Basin at scale 1:2 500 000 (HDNO, 2002) the chain is shown without details at minimal depth less then 1800 m.**

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): **The name was proposed due to similarity of this morphostructure to the mythological well-knows three-headed character of Russian fairy tales**

Discovery facts : **2006 year by R/V "N. Strachov"**

By means of (equipment): **regular survey by multibeam echo sounder SeaBat 8150 (12kHz), 1:200 000 scale**

Navigation used: **Navstar GPS**

Estimated positional accuracy in nautical miles: **±0,001 mile**

Description of survey (track spacing, line crossings, grid network, etc.): **regular bathymetric survey with multibeam echo sounder SeaBat 8150**

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.): **bathymetric survey with multibeam echo sounder SeaBat 8150; seabed sampling by dredging; seismic profiling.**

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

Appendix 1 . **Detailed bathymetric map and shaded relief maps of the rise**

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