

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

Ocean or Sea **Atlantic Ocean** Name proposed **Svyatogor Rise**

Coordinates: of midpoint or summit: Lat **78 °14,4' N.** Long. **5°47,2' E.**

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

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

**Large rise is located in the north part of the Knipovich ridge. The flat summit have dimensions about 60 x 38 km. The minimum depth is 1498 m. Relative height is more than 1600 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 mentioned rise is represented without details with minimal depth less then 2000 m. On the map of Central Arctic Basin at scale 1:2 500 000 (HDNO, 2002) the rise is shown with more details and minimal depth less then 1500 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 in the memory of the ice-breaker “Svyatogor” – the second after “Ermak” Russian ice-breaker, which supplied the work of hydrographic vessels in the arctic region since 1912 to 1918. Then “Svyatogor” was sank in the North Dvina river. After its uplift and reconstruction the vessel was renamed as “Krasin”. The latter accompanied hydrographic expeditions. In 1928 “Krasin” participated in the saving operation of the Italian expedition headed by A. Nobile. At present “Krasin” represent the branch of Russian World Ocean museum which is located in S.-Petersburg.**

Discovery facts : **2006 year by R/V “N. Strakchov”**

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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