

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

Ocean or Sea **Atlantic Ocean** Name proposed **Pogrebitsky Seamount**

Coordinates: of midpoint or summit: Lat. **77°22,9' N.** Long. **8°28,2' E.**

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

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

Seamount is located in the north part of the Knipovich ridge. The flat summit have dimension near 17 x 12 km. The minimum depth is 991 m. Relative height of west slope is more then 1 500m., relative height of east slope is about 1 100m.

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 seamount 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 1030 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 J.E. Pogrebitsky (1930 – ??), specialist in geology and tectonics of Polar areas, corresponding member of Russian Academy of Sciences, author of several monographs, author and editor of several maps. More detailed information is to be represented.**

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 of the rise**

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