

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

Ocean or Sea **\_\_Pacific Ocean** Name proposed **Skornyakova Guyot**

Coordinates: of midpoint or summit: Lat. **16°52,' N.** \_\_\_\_ Long. **149°53,3' E.**

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

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

**Meridionally extended guyot. The flat summit have dimension near 18 x 30 miles, min. depth 1230 m. The slopes are complicated by small satellite form. Relative height of the guyot is 2500m. Guyot is located in the north-west part of the Magellan mountains.**

Associated features: **Guyot are dispose on common foundation with Gordin guyot.**

Chart reference:

Shown with name on chart No.

Shown but not named on chart No. **On GEBCO sheet 5.06 it is represented with form, different to reality observed, with depth of summit more then 3 000 m., and inaccurate position.**

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 memory of Skornyakova N.S. (1924 –1995), marine geologist, doctor of geological sciences, participant of expeditions on Pacific and Indian oceans. He was famous specialist on the study of iron-manganes nodule, author more then 150 scientific publication and 6 monographies.**

Discovery facts : **2006 year by RV “Gelendhzik”**

By means of (equipment): **regular survey by multibeam echo sounder SIMRAD EM-12S –120, 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.): **area swathe bathymetric regular 3D survey**

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.): **bathymetric survey by multibeam echo sounder SIMRAD EM-12S - 120; seabed sampling by dredging; phototelevision profiling by the “ Neptun” system with spacing between lines from 5 to 5 x 2.5 kms; geoacoustics profiling along the lines spaced 2,5 x 2 kms, drilling GBY-0,7/4000 in single points.**

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 . **Bathymetric map**

Submitted by: **State Scientific Centre “Yuzhmorgeologiya”**

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