INTERNATIONAL HYDROGRAPHIC ORGANIZATION | **INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)**

UNDERSEA FEATURE NAME PROPOSAL

OHO/IOC form No. 1

(See Note overleaf)

Ocean or Sea **Pacific Ocean** Name proposed **Gordin Guyot**

Coordinates: of midpoint or summit: Lat**. 16°58,3' N.** Long. **150°43,9' E.**

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

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

Guyot have latitude extention. The flat summit have dimension near 12 x 32 miles. Slopes steepness ranges from 4° to 20°. The minimum depth is 1274 m. Relative height of the guyot is more than 3 000 m.

Guyot is located in the northwest part of the Magellan mountains.

Associated features: **Guyot is situated on the common base with Skornyakova 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 depth of summit more then 2 000 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 Gordin V.M. (1942 –2002), marine geophysics, doctor of sciences, participant of expeditions on Pacific and Indian oceans. He was specialist on marine survey, theory and practice interpretation of geomagnetic date, author monography " Marine magnitometry" and more then 130 scientific publication.**

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 bathymertric 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"**

Date: **15 may 2007.**

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