

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

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

Coordinates: of midpoint or summit: Lat. **12°46' N.** long. **157°50' E.**

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

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

**Guyot is a classic form. The flat summit have diameter near 10 miles.**

**Slopes steepness ranges from 7° to 20° and more. The minimum depth 1273 m; relative height of the guyot is more than 4 000 m.**

Associated features: **Guyot is located in the southeast part of the Magellan mountains.**

Chart reference:

Shown with name on chart No.

Shown but not named on chart No. **On GEBCO sheet 5.06 it is represented as a simple cone 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 is given after Leonid Konstantinovich Zatonsky (1925 –2002), a famous marine cartographer, participant of expeditions on Pacific and Indian oceans. He was author of many bathymetric maps and more then 100 publication on marine cartography and a guidance for the principle of compilation the bathymetric maps. He had calculated cartographic projection for oceans, named his name.**

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

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; geacoustics 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**

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