

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

UNDERSEA FEATURE NAME PROPOSAL OHO/IOC form No. 1

(See Note overleaf)

Ocean Pacific _____ Name proposed Il'ichev Guyot

Coordinates: of midpoint or summit: Lat. 16°55' N, _____ Long. 152°05' E.

Description (kind of feature): guyot

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

The mountain of an isometric form with south-east spur's. The slope steepness varies from 4-7° to 25° and more. The minimum depth-1340 m; relative height of the guyot is more than 3 600 m.

Associated features: Guyots of the Magellan seamounts. Western section. To the north-west is located guyot of Govorov, to the north-east is located guyot of Kocebu.

Chart reference:

Shown but not named on chart No.

On GEBCO sheet 5.06 it is represented with forms different to really observed

Reason for choice of name (if a person, state how associated with the feature to be named):

The name is given after academician V.I. Il'ichev (1932-1994)- oceanologist, acoustic specialist. Series of work was devoted investigation of north-west part of Pacific Ocean. He worked as director-organizer of Oceanology Institute POI FEB RAS (leader with 1974 to 1994 years). Was the organizer of scientific fleet POI FEB RAS. Was the member of an expedition repeatedly.

Discovery facts:

1986-1989 by RV "Morskoy Geolog", 1988 RV "Akademik Nesmeyanov", 1989 RV "Sever" - survey by single-beam echo sounder, seismoacoustics profiling, regular survey with scale 1:1 000 000; 2005 RV "Gelendzhik" - multibeam bathymetric survey by echo sounder SIMRAD EM12 S-120 with scale 1:200 000.

Navigation used: Navstar GPS

Estimated positional accuracy in nautical miles: ±0,001 mile

Description of survey (track spacing, line crossings, grid network, etc.): 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 EM12 S-120; seismoacoustics profiling and hydro magnetic profiling; photo-TV profiling along irregular grid, seabed sampling by dredging, with spacing 1 station on 100 sq. km and by grabs.

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 chart (relief section -100 meters, denser -500 m.)

Appendix 2. Simrad EM12 S-120 track chart

1. The mountains of Western Pacific and their ore content /Volkhin Y.G., Melnikov M.E., Shkolnik E.L. and others. M.: Science, 1995, 368 p.
2. Petrologys provinces of Pacific Ocean / Editor-in-chief Pushcharovskiy J.M., Govorov I.N. M.: Nauka, 1996, 444 p.
3. Vasiliev B.I., Evlanov J.B., Simonenko V.P. To geologic structure of Magellan seamounts of Pacific Ocean // Tihoocean. Geologiya. 1985. № 3. P. 97-101.

Submitted by: State Scientific Centre "Yuzhmorgeologiya"

Date: March 28, 2006.

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Concurred in by (if applicable): _____

Address: _____

National Authority (if any): _____

Address: _____

NOTE: This form should be forwarded, when completed:

- a) If the undersea feature is located in territorial waters: —
to your "National Authority for Apporoval of Undersea Features Names" or, if this does not exist or is not known, either to the International Hydrographic Bureau or to the Intergovernmental Oceanographic Commission (see addresses below);
- b) If the undersea feature is located in international waters: —
to the International Hydrographic Bureau or to the Intergovernmental Oceanographic Commission, at the following addresses:

International Hydrographic Bureau
7, Avenue President J.F.Kennedy
B.P. 445
MC 98011 MONACO CEDEX
Principality of MONACO

Intergovernmental Oceanographic Commission
UNESCO
Place de Fontenoy
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