INTERNATIONAL HYDROGRAPHIC ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

UNDERSEA FEATURE NAME PROPOSAL

OHO/IOC form No. 1

(See Note overleaf)

Ocean __Pacific _____ _____ Name proposed Govorov Guyot

Coordinates: of midpoint or summit: Lat. 17° 50' N., _____ Long. 150° 50' E.

Description (kind of feature): guyot

Identifying or categorizing characteristics:

The complex mountain of an angular form, extended to north-east. The slopes are complicated with some spurs. The slope steepness varies from 4-7° to 25° and more. The minimum depth-1301 m; relative height of the guyot is near 3 200 m.

Associated features: Marianas system of islands and raise, guyots of the Magellan seamounts.

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:

The name is given after doctor of science professor I.N. Govorovs (1920-1997), - a great specialist on sphere of magmatism of Pacific Ocean. Main of science direction: volcanism, geology, tectonics, tectonosphere. He studies the magmatism of Marcus-Wake rise, Magellan seamounts, rise of Ogasawara and other.

Discovery facts:

1987 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.

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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 /Volokhin Y.G., Melnikov M.E., Shkolnik E.L. and others. M.: Nauka, 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.

Address: 20, Krymskaya St., Gelendzhik 353461, Russia

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
75700 PARIS
FRANCE

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