

**UNDERSEA FEATURE NAME PROPOSAL** OHO/IOC form No. 1

(See Note overleaf)

Ocean Pacific Name proposed Nazimov Guyot

Coordinates: A — of midpoint or summit: Lat. 15°10' N. Long. 162°52' E.

Description (kind of feature): guyot

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

The complex meridionally extended mountain, which consist of two mountains, united of elongated weak bulkhead. The slopes are complicated with some spurs. The slope steepness varies from 4-7° to 25° and more. The minimum depth 1278 m; relative height of the guyot is near 3 800 m.

Associated features:

The guyot is located in the northern part raise of the Marshall Islands.

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 admiral P.N. Nazimov (1829-1902), researcher of Pacific Ocean, navigating on the vessels «Nadezhda», «Pallada», «Cesarevich». Nazimov take part in a few of expedition round the world. In group of islands of Marshall Archipelago determined coordinates discovery islands recently. He was the command of corvette «Vityaz» in 1870-1874, puted ashore expedition of Miklucho-Maklay on New Guinea island.

Discovery facts:

1991 by RV "Morskoy Geolog" - survey by single-beam echo sounder, regular survey with scale 1:200 000; 2004 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 with profiles spacing 20 km; photo-TV profiling

across grid 20 km, 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

*M.E. Melnikov, S.P. Pletnev, O.V. Zuev, T.E. Sedysheva* Geological-geophysical studies on the Nazimov Guyot (raise of the Marshall Islands, Pacific Ocean) // Geology of sea and oceans. Thesis of report 16 International School of Sea Geology. Vol. 1. Moscow. 2005. P. 321-322.

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 Approval 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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