

UNDERSEA FEATURE NAME PROPOSAL OHO/IOC form No. 1

Ocean or Sea **Atlantic Ocean** Name proposed **Grigor'ev seamount**

Coordinates: of N – E midpoint or summit: Lat **50°57' N** Long. **155°26' E**

Description (kind of feature): **seamount (Volcano)**

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

Volcano with flat summit is located near the Alaid Is. Dimensions of base 12,5 x 15 km.

Minimum depth of the is 59 m., relative height is more then 800 m.

Associated features: **North part of the Kuril volcanic arc**

Chart reference:

Shown but not named on chart: **Geomorphological map of Okhotsk sea, 1957; sheet 5.17
GEBCO, International Geological- Geophysical Atlas of the Pacific ocean 2003.**

Shown and named on chart : **Geomorphological map the bottom of the part of the Kuril-
Kamchatka region, scale 1:2 500 000, Zatonsky I.K., Kanaev V.F., Udintsev G.B. 1961**

Reason for choice of name (if a person, state how associated with the feature to be named): The name was proposed in the memory of the famous Russian akademik Iosif Fedorovich Grigor'tv (16.v.1890 – 14.v. 1949), geologist. In 1946-1949 Director of the Geological Institute Academy of science. He elaborated the method of mineraraphic studing of ore and proposed the classification the ore structure.

Discovery facts : **Discovered in 1955 year by RV “Vityaz”, detail servey and mapping by R/V
“Vulkanolog” on 1989 –1991.**

By means of (equipment):

by Deep-sea echo sounder “WD 110 M” (12kHz)

Navigation used: **GPS**

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

Description of survey (track spacing, line crossings, grid network, etc.): **regular bathymetric survey**

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.): **bathymetric, magnetic and gravity survey, seabed sampling by dredging, seismic profiling.**

Supporting material: enclose, if possible, a sketch map of the survey area, profiles of the feature, etc., with reference to prior publication, if any: **bathymetric map**

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