

UNDERSEA FEATURE NAME PROPOSAL IHO/IOC form No. 1

Ocean or Sea **Atlantic Ocean**

Name proposed **Brekhovskih smt.**

Coordinates

Lat. **14°51'.2 N** to Lat.

Long. **48°44'.0 W** Long.

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

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

Volcanic cone **with min. depth 1000 m and depth of the base 3500-3900 m.**

Associated features: **placed in system of Reseacher Ridge**

Chart reference:

Shown with name on chart No.

Shown but not named on chart No.: International Geological-Geophysical Atlas of the Atlantic ocean (1989-1990)

Not shown but within area covered by chart No. GEBCO 5.08

Reason for choice of name (if a person, state how associated with the feature to be named): **named in memory of the Academician Leonid Brekhovskih (1917-2005), first director of Acoustic Institute and academician-secretary of Department of Ocenography, Physics of the Atmosphere and Geography USSR Academy of Sciences. He made considerable contribution in study of physical oceanography and acoustics of the oceans. He was at the head of hydrophysical experiment in 1970, when synoptical eddies in the ocean were discovered, and 15 expeditions on board r/v "Petr Lebedev", "Akademik Kurchatov", "Dmitry Mendeleev", "Akademik Sergey Vavilov", "Akademik Mstislav Keldysh", "Akademik Ioffe" in Atlantic and Indian oceans.**

Discovery facts:

Date **1986** by (individuals or ship): **r/v "Akademik Nikolaj Strakhov"**

By means of (equipment): **Multibeam echosounder Hollming Echos-625**

Navigation used: **satellite navigation**

Estimated positional accuracy in nautical miles: **±0.1 nm**

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

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc)

Supporting material: enclose, if possible, a sketch map of the survey area, profiles of the feature, etc.,

with reference to prior publication, if any__International Geological-geophysical Atlas of the Atlantic ocean UNESCO, 1989-1990, p.37. _____

Proposer: **Geological Institute of the Russian Academy of Sciences**

Date: **15.06.2005**

Address: **Pyzevsky lane 7, Moscow, 119017, Russian Federation**

Concurred in by (if applicable):

Submitted by: **Agapova G.V.**

Address: **Pyzevsky lane 7, Moscow, 119017, Russian Federation**

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





