

A

Undersea feature name proposal

IHO/IOC Form No.1

Ocean or Sea: Atlantic Ocean.

Name proposed: Gramberg Seamount

Coordinates of midpoint or summit: Lat.15°23'.0 N, Long. 51°05'.6 W
kilometres in direction from

Description (kind of feature): The seamount is located in the central part of the ocean, W of Ilhas do Cabo Verde among the depths of 4100-5000 m. The relative height of the seamount is 3790 m.

Identifying or categorizing characteristics: The least detected depth is 760 m. The seamount has a nearly conical shape, with dissected slopes, their steepness attains 30°-5°. The W slope is concave. The summit is stretched in the NW direction. The size of the seamount foot within the depth contour of 4000 m is 60x60 km.

Associated features: Researcher Ridge, Fifteen Twenty Fracture Zone.

Chart reference:

Shown with name on chart No.

Shown but not named on chart No. 30351, ed. 1994; 31219, ed. 1996

Not shown but within area covered by chart No. GEBCO 5-08, ed. 1982

Reason for choice of name: To perpetuate the memory of Igor' Sergeyevich Gramberg (1922 – 2002), an oceanologist. The author of the theoretical foundations of the formation of ocean sediment basins and associated fossils. An active explorer of the central part of the Arctic Basin and the World Ocean shelf. Made considerable contribution into the ocean geology study.

Discovery facts:

Date: 1986

Surveyed by. Zaprybpromrasvedka

By means: Soundings were taken by echo sounders "Elak", "Calmar".

Navigation used: Space-based navigation system.

Estimated positional accuracy in nautical miles: Mean square error of position fixing – 0.2 miles; of depth positioning – 0.4-1.4 miles.

Description of survey: Survey was carried out by sounding at scale 1:500 000.

Nature and repository of other survey activities: Sounding by parallel sounding lines with the interval 4.5- 6.5 km and by crossing sounding lines.

Supporting material:

Submitted by: The Head Department of Navigation and Oceanography of the RF Ministry of Defence

Date:

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Concurred in by:

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