**INTERNATIONAL HYDROGRAPHIC ORGANIZATION**

**INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)**

# UNDERSEA FEATURE NAME PROPOSAL

(See **NOTE** overleaf)

Note: The boxes will expand as you fill the form.

| **Name Proposed:** | LOMROG Hill | **Ocean or Sea:** | Arctic Ocean |
|---|---|---|---|

| **Geometry** that best defines the feature (Yes/No) : | | | | | | |
|---|---|---|---|---|---|---|
| Point (Primary) | Line | Polygon (Secondary) | Multiple points | Multiple lines* | Multiple polygons* | Combination of geometries* |
| Yes | | Yes | | | | |

** Geometry should be clearly distinguished when providing the coordinates below.*

| | Lat. (e.g. 63°32.6'N) | Long. (e.g. 046°21.3'W) |
|---|---|---|
| **Coordinates:** (Top of Hill) | 89°14.6'N | 061°31.3'W |

| **Feature Description:** | Maximum Depth: | 2.950 m | Steepness : | |
|---|---|---|---|---|
| | Minimum Depth : | 1.997 m | Shape : | |
| | Total Relief : | | Dimension/Size : | |

| **Associated Features:** | The "LOMROG Hill" is part of the end of the 100 km long Morozov Ridge, situated on the Eurasian side of the Lomonosov Ridge between the Amundsen Basin and the Gordienko Valley (see enclosed picture). |
|---|---|

| **Chart/Map References:** | Shown Named on Map/Chart: | No |
|---|---|---|
| | Shown Unnamed on Map/Chart: | Yes |
| | Within Area of Map/Chart: | |

| **Reason for Choice of Name** (if a person, state how associated with the feature to be named)**:** | The ridge was surveyed extensively during the LOMROG expeditions in 2009 and 2012. This mapping activity was part of the Continental Shelf Project of the Kingdom of Denmark.<br>The name is chosen to honor the three Danish LOMROG expeditions to the Arctic Ocean. |
|---|---|

| **Discovery Facts:** | Discovery Date: | |
|---|---|---|
| | Discoverer (Individual, Ship): | |

| **Supporting Survey Data, including Track Controls:** | Date of Survey: | July 31, 2009 – September 10, 2009<br>July 31, 2012 – September 14, 2012 |
|---|---|---|
| | Survey Ship: | Swedish icebreaker Oden |
| | Sounding Equipment: | Simrad EM 122 Multibeam |
| | Type of Navigation: | Kongsberg Seapath 200 |
| | Estimated Horizontal Accuracy (nm): | < 0.01 nm |
| | Survey Track Spacing: | Various |
| | Supporting material can be submitted as Annex in analog or digital form. | |

| **Proposer(s):** | Name(s): | Richard Pedersen |
|---|---|---|
| | Date: | August 27, 2015 |

| | | |
|---|---|---|
| | E-mail: | riped@gst.dk |
| | Organization and Address: | Danish Ministry of Energy, Utilities and Climate<br>Danish Geodata Agency<br>Rentemestervej 8<br>DK-2400 Copenhagen NV, Denmark |
| | Concurrer (name, e-mail, organization and address): | Professor Martin Jakobsson<br>Department of Geological Sciences<br>Stockholm University<br>106 91 Stockholm, Sweden<br>Martin.jakobsson@geo.su.se |

| | |
|---|---|
| **Remarks:** | See attached files for further clarification on the feature.<br>Both polygon and shape files are attached in two projections: GEO and IBCAO-75N Polar Stereographic (due to the close proximity to the North pole the latter looks better). |

**NOTE** : This form should be forwarded, when completed :

a) **If the undersea feature is located inside the external limit of the territorial sea** :-
to your "National Authority for Approval of Undersea Feature Names" (see page 2-9) or, if this does not exist or is not known, either to the IHB or to the IOC (see addresses below);

b) **If at least 50 % of the undersea feature is located outside the external limits of the territorial sea** :-
to the IHB or to the IOC, at the following addresses :

| | |
|---|---|
| International Hydrographic Bureau (IHB)<br>4, Quai Antoine 1er<br>B.P. 445<br>MC 98011 MONACO CEDEX<br>Principality of MONACO<br>Fax: +377 93 10 81 40<br>E-mail: info@ihb.mc | Intergovernmental Oceanographic Commission (IOC)<br>UNESCO<br>Place de Fontenoy<br>75700 PARIS<br>France<br>Fax: +33 1 45 68 58 12<br>E-mail: info@unesco.org |