

**INTERNATIONAL HYDROGRAPHIC
ORGANISATION**

**INTERGOVERNMENTAL OCEANOGRAPHIC
COMMISSION (of UNESCO)**

UNDERSEA FEATURE NAME PROPOSAL

(Sea NOTE overleaf)

Ocean or Sea: **Southern Indian Ocean**

Name proposed: **IPY-Seamount**

Coordinates: **A** - of midpoint or summit: Lat. **-42.55** , Long. **43.64**

800 kilometers in **northwest** direction from **Crozet Island**

and/or: **B** - extremities (if linear feature):

Lat.	to	Lat.
Long.		Long.

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

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

Vulcano with crater, absolute hight is 1370 m; from 3100 m mean depth of the surrounding sea floor to a depth of 1730 m at the top of the crater rim. The crater has a depth of about 135 m.

Associated features:

The seamount is located close to the Indian Ridge.

Chart reference:

Shown with name of chart No.:

Shown but not named on chart No.:

Not shown but within area covered by chart No.:

Reason for choice of name (if a person, state how associated with the feature to be named):

Investigated by the german polar research vessel POLARSTERN during Leg ANT-XXIII/9 on its way back from a 10 week cruise along the Antarctic coast line and to Prydz Bay. The seamount was discovery one month after the International Polar Year (IPY) had started.

Discovery facts:

Date: **04/04/2007**

By(individuals or ship): **Polarstern**

By means of (equipment): **Swath sonar system (HydroSweep)**

Navigation used: **GPS**

Estimated positional acc. in nautical miles:

Description of survey (track spacing, line crossing, grid network, etc.):

Investigated on ships track line while mapping with swath sonar system.

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 features, etc., with reference to prior

publication, if any:

Documentation is provided at <http://doi.pangaea.de/10.1594/PANGAEA.611408>. Additional map copies printed on paper were send via surface mail to the IHO on 2007-05-11.

Submitted by: **Dr. Hannes Grobe**

Date: **05/11/2007**

Address: **Alfred Wegener Institute for Polar and Marine Research
27515 Bremerhaven
Germany**

Concurred in by (if applicable):

Address:

National Authority (if any):

Address:

NOTE: Read the [guideline](#) for further information.

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 Feature 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 the Intergovernmental Oceanographic Commission, at the following addresses:

[International Hydrographic Bureau](#)

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[Intergovernmental Oceanographic Commission](#)

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