

**INTERGOVERNMENTAL
OCEANOGRAPHIC
COMMISSION (of UNESCO)**

UNDERSEA FEATURE NAME PROPOSAL

Ocean or Sea : Arctic Ocean _____ Name proposed : Supan _____

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

Description (kind of feature) : Seamount

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

The longitudinal axis of the seamount (NE direction) has a length of approx. 10 km, the lateral axis (NW direction) is approx. 5 km long. The stretched conic form of the seamount starts with 3800 m water depth and ends with 2450 m water depth at the peak.

Associated features : The seamount is situated in the rift valley of the western Gakkel Ridge.

Chart reference :

Shown with name on chart No. _____

Shown but not named on chart No.: AWI Bathymetric Chart of the Gakkel Ridge (BCGR), Sheet No. 2

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) : _____

Named after Alexander Supan (1847-1920), Geographer and longtime publisher of the scientific journal “Petermanns Geographische Mitteilungen”, was basically involved in the foundation of GEBCO.

Discovery facts :

Date : 16.08.01____ by (individuals or ship) R/V "Polarstern"_____

By means of (equipment) : Hydrosweep DS-2 Multibeam Sonar

Navigation used : _GPS_

Estimated positional accuracy in nautical miles : approx. 100m_____

Description of survey (track spacing, line crossing, grid network, etc.) : _____
AWI BCGR is based on a 100m grid _____

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.) : Dredges, samples, cores, magnetic and gravity measurements were accomplished during the Arctic Mid-Ocean Ridge Expedition (AMORE 2001) by R/V "Polarstern" and USCGC "Healy", sample and data repositories are AWI Bremerhaven (Germany) respectively various scientific research institutes (USA)

Supporting material : enclose, if possible, a sketch map of the survey area, profiles of the features, etc., with reference to prior publication, if any : see attached maps

Submitted by : Jörn Hatzky _____

Date : 25.5.04 _____

Address : AWI Bremerhaven, Columbusstrasse, 27568 Bremerhaven, Germany _____

Concurred in by (if applicable) : _____

Address : _____

National Authority (if any) : _____

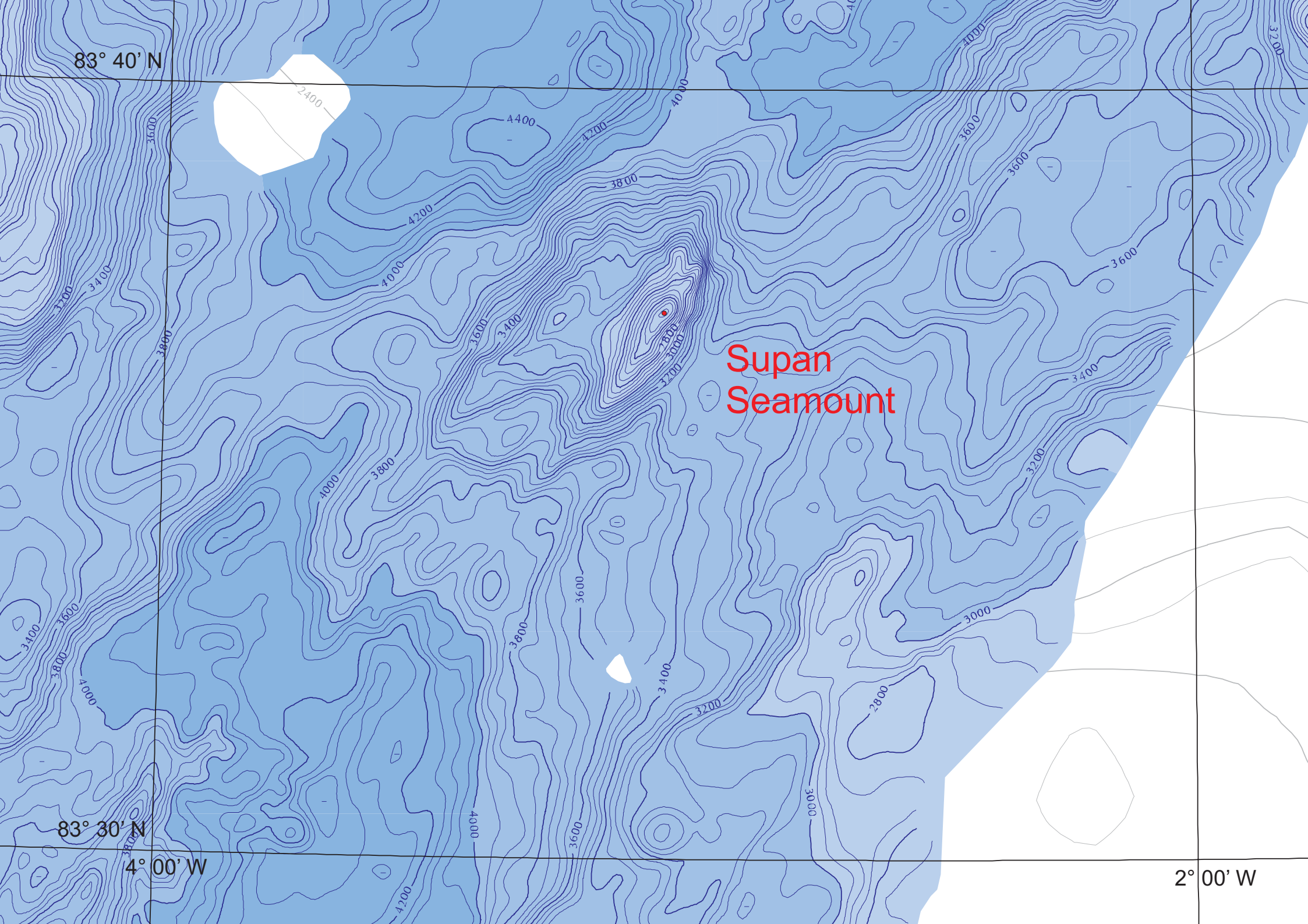
Address : _____

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 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 to the Intergovernmental Oceanographic Commission, at the following addresses :

International Hydrographic Bureau
4, quai Antoine 1^{er}
B.P. 445
MC 98011 MONACO CEDEX
Principality of MONACO
Fax: +377 93 10 81 40
E-mail: info@ihb.mc

Intergovernmental Oceanographic Commission
UNESCO
Place de Fontenoy
75700 PARIS
FRANCE
Fax: +33 1 45 68 58 12
E-mail : info@unesco.org



83° 40' N

Supan
Seamount

83° 30' N

4° 00' W

2° 00' W

