

IHB File S3/2643

04 October 2004

To: Members of GEBCO-SCUFN (See list enclosed at Annex A)

Subj: Name proposals from Dr. Hans-Joachim Wallrabe-Adams, Universität Bremen, Germany

Dear Colleagues,

Attached at Annex B is a name proposal form concerning the North Atlantic which had been submitted by **Dr. Hans-Joachim Wallrabe-Adams, Universität Bremen, Germany**. A supporting documentation is also provided.

The name proposed is:

- CATALONIA Seamount 58° 53.5' N - 30° 19.0' W

We have checked, from the Gazetteer, that this feature has not yet been named. It would be appreciated if you could provide your comments on the proposed name by the end of December 2004.

Best regards,



Michel HUET
Secretary of GEBCO-SCUFN

Encls: Membership List (Annex A)
Proposal North Atlantic + supporting documentation (Annex B).

INTERNATIONAL
HYDROGRAPHIC
ORGANIZATION

INTERGOVERNMENTAL
OCEANOGRAPHIC
COMMISSION (of UNESCO)

IHO/IOC Form No. 1

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

Ocean or Sea NORTH-ATLANTIC Name proposed CATALONIA SEAMOUNT

Coordinates : A - of midpoint or summit : Lat. 58°53'30" N , Long. 30°19' W

_____ kilometres in _____ direction from _____

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.):

Slightly elongated (N-S), minimum waterdepth measured: 874.5 mbsl (at 58.8995 N / 30.3127 W)

Associated features : _____

Chart reference :

Shown with name on chart No. -

Shown but not named on chart No. ?

Not shown but within area covered by chart No. GEBCO 5.04

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

The only (and very helpful) foreign young scientist on the Logachev cruise comes from Catalonia province (Spain)

Discovery facts :

Date 1992/1993 by (individuals or ship) R/V Professor Logachev (LO09, 30.08. – 17-09, 1993) and R/V Sonne (SO82b, 17.10. – 30.10. 1992)

By means of (equipment) : Hydrosweep and Parasound (STN Atlas Elektronik, Bremen), SEL90 Sediment echosounder (Univ. Rostock, Germany)

Navigation used : GPS

Estimated positional accuracy in nautical miles : 1 nm

Description of survey (track spacing, line crossing, grid network, etc.) : Hydrosweep swath bathymetry, track spacing according to a complete sea floor coverage

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

photographs, etc.) : Two sediment cores (gravity cores) on the western flank of the seamount, core repository: GEOMAR Research Center, Kiel, Germany). Sediment echo sound profiles (Parasound, SEL90), Inst. for Baltic Research, Rostock-Warnemuende, R. Endler)

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

with reference to prior publication, if any : _____

Wallrabe-Adams, H.-J. and Lackschewitz, K.S., 1994. R/V Professor Logachev Research Cruise 09 to the Reykjanes Ridge near 59°N: Sediment Distribution on the Reykjanes Ridge (August-September, 1993). InterRidge News, 3(1): 8-11.

Lackschewitz, K.S., Endler, R., Gehrke, B., Wallrabe-Adams, H.-J. and Thiede, J., 1996. Evidence for topography- and current-controlled deposition on the Reykjanes Ridge between 59°N and 60°N. Deep-Sea Res., 43(11-12): 1683-1711.

Submitted by : Dr. Hans-Joachim Wallrabe-Adams

Date : 05. May 2003

Address : University of Bremen, Dept. of Geosciences/MARUM, Klagenfurter Strasse (Geb. GEO), D-28359 Bremen, Germany

Concurred in by (if applicable) : _____

Address : _____

National Authority (if any) : Bundesamt für Seeschifffahrt und Hydrographie (B.S.H.)

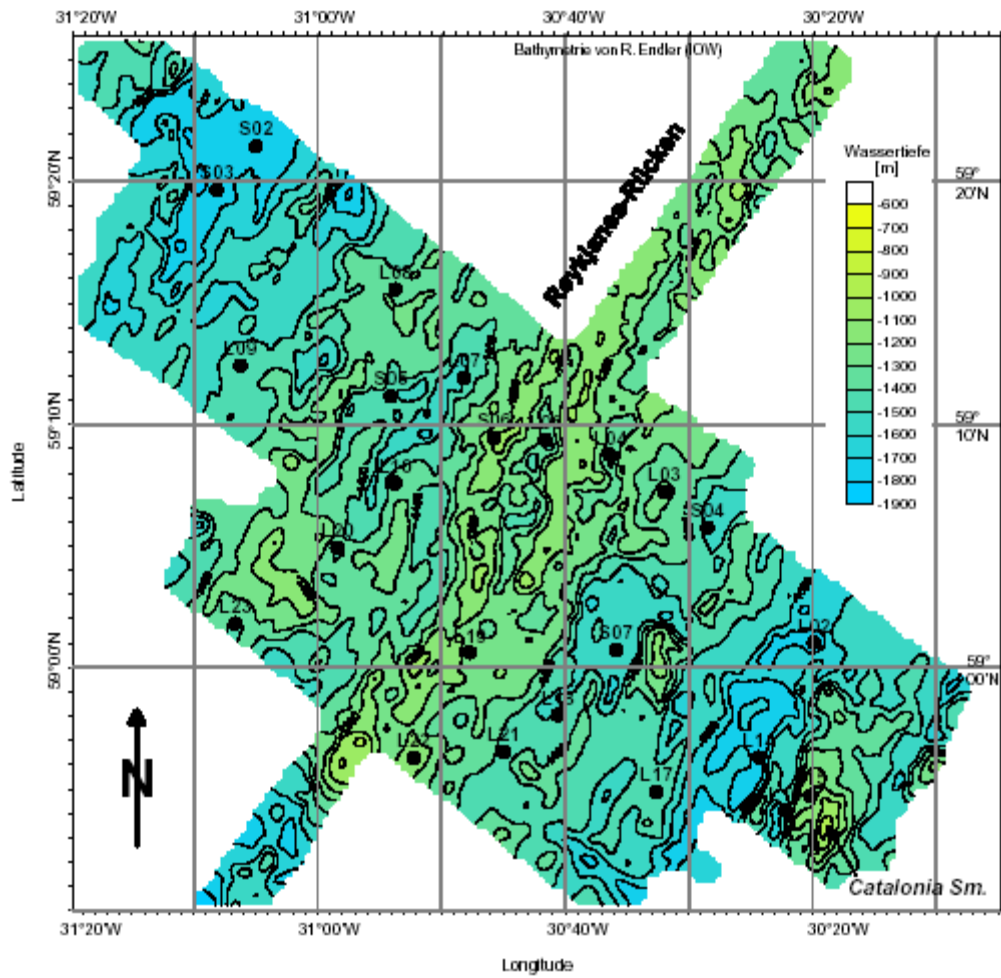
Address : Bernhard-Nocht-Strasse 78, Postfach 30 12 20, D-20 305 HAMBURG

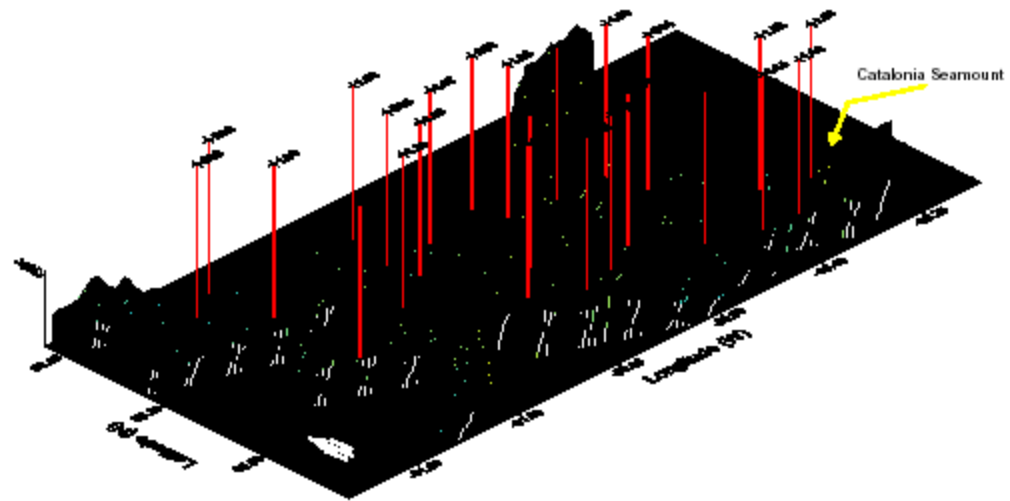
NOTE : This form should be forwarded, when completed :

- 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 :

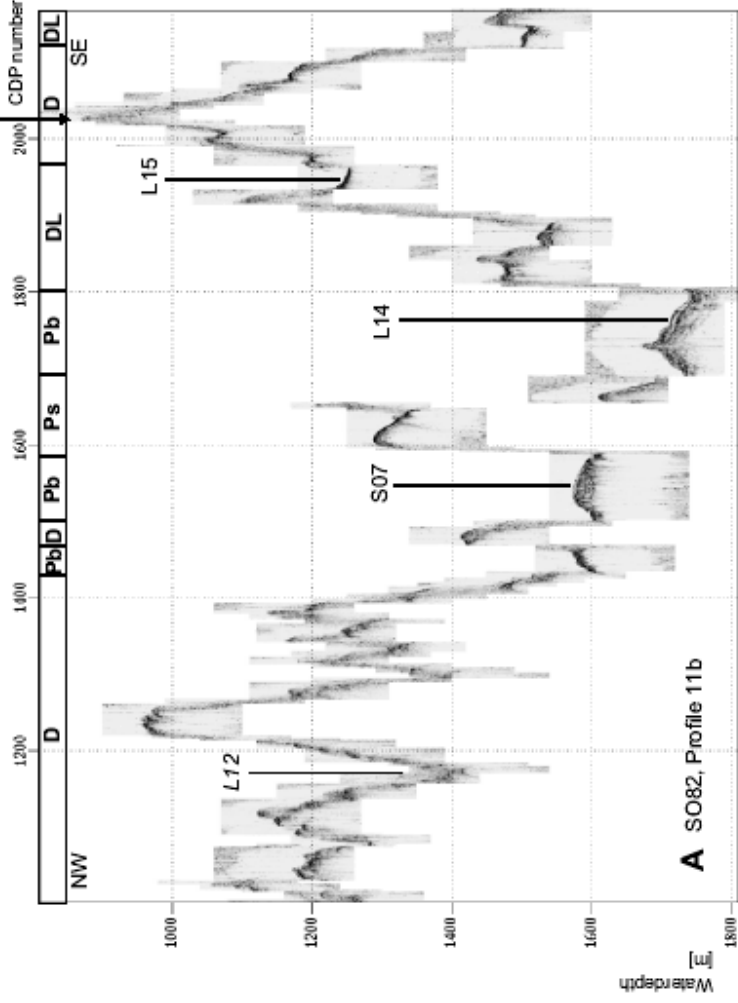
International Hydrographic Bureau
4, quai Antoine 1^{er}
B.P. 445
MC 98011 MONACO CEDEX
Principality of MONACO
Fax: +377 93 10 81 40
E-mail: pac@ihb.mc

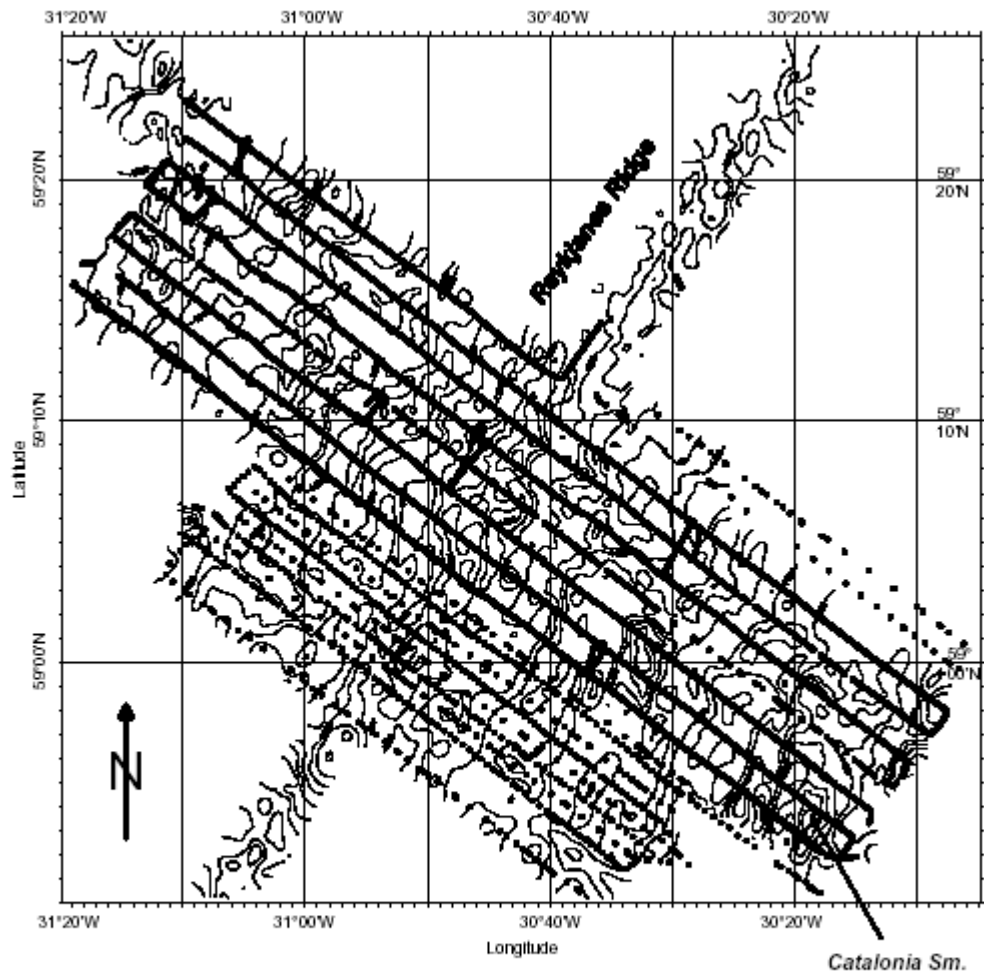
Intergovernmental Oceanographic Commission
UNESCO
Place de Fontenoy
75700 PARIS
FRANCE
Fax: +33 1 45 68 58 12
E-mail : info@unesco.org





Catalonia Seamount





Bathymetric map calculated with Surfer (kriging) using a subset of Hydrosweep data.