INTERNATIONAL HYDROGRAPHIC ORGANIZATION

INTERGOVERNMENTAL OCEANOGRAPHIC COMMISSION (of UNESCO)

IHO/IOC Form No. 1

UNDERSEA FEATURE NAME PROPOSAL

(See NOTE overleaf)

Ocean or Sea _Ross Sea _____ Name proposed _____Davey Bank _____

Coordinates : **A** - of midpoint or summit : Lat. __76.18°S__, Long. ____166.3°E_____

_____ kilometres in _____ direction from _____

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

Lat. _____ _____ } to { Lat. _____ _____

Long. _____ _____ Long. _____ _____

Description (kind of feature) : _____bank_____

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

Bank on continental shelf, approximately 15 km long in north-south direction and 2 km wide, 550 m relief, minimum depth 130 m.

Associated features : _____ _____

Chart reference :

Shown with name on chart No.

Shown but not named on chart No. _____ Ref Davey, F.J, 2004, Ross Sea Bathymetry, 1:2,000,000. version 1.0. Institute of Geological and Nuclear Sciences Geophysical map 16. Institute of Geological and Nuclear Sciences Ltd, Lower Hutt New Zealand.
Also Davey, F.J., 1995. Bathymetry, Plate 1, Seismic Stratigraphic Atlas of the Ross Sea, Antarctica, in Cooper, A.K., Barker, P.F., Brancolini, G., (eds), Geology and Seismic Stratigraphy of the Antarctic Margin, Antarctic Research Series, vol 68, American Geophysical Union, Washington, D.C.

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) : _____

Dr Fred J Davey has carried out marine geophysical research in Antarctica since 1965 and prepared several published bathymetric charts of the Ross Sea. The bank was first mapped in 1995 on one of his bathymetry compilations (ref. above). He was Secretary/Vice-President of SCAR (ICSU Scientific Committee on Antarctic Research) for four years. He has recently retired.

Discovery facts :

Date _____February 1990___ by (individuals or ship) _____R/V OGS Explora, then R/V Polar Duke_____

By means of (equipment) : _____echosounder, model unknown_____

Navigation used : _____ GPS_____

Estimated positional accuracy in nautical miles : _____< 0.1_____

Description of survey (track spacing, line crossing, grid network, etc.) : _____See 2004 Bathymetry chart noted above_____

Nature and repository of other survey activities (dredge samples, cores, magnetics, gravity, photographs, etc.) : _____:seismic measurements, gravity and magnetics, mainly at NGDC, SCAR SDLS, LDEO Marine Geoscience Data System ___

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 Davey 1995, 2004 (already forwarded)_____

Submitted by : _____Professor P Barrett_____

Date : _____12 June 2006_____

Address : ___Antarctic Research Centre, Victoria University of Wellington, PO Box 600, Wellington, New Zealand_

Concurred in by (if applicable) : __ Professor Lionel Carter_____

Address : Antarctic Research Centre, Victoria University of Wellington, PO Box 600, Wellington, New Zealand __

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 1er
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
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