UNITED STATES BOARD ON GEOGRAPHIC NAMES
UNDERSEA FEATURE NAME PROPOSAL

NAME PROPOSED: *Donnell Seamount*
LOCATION: Labrador Basin
Ocean or Sea: Atlantic Ocean

Coordinates:
Point feature or center point: Lat.50° 05.1338'N Long. 45° 21.5796'W

DESCRIPTION:
Feature type: Seamount
Size and Shape: 12km length, E-W axis, 10km, N-S axis.
Depth: (max. and min.) 1893.3 – 4031.7 meters
Steepness – slope appears to vary from about 12.8° to 15.7°
Associated features: Labrador Basin, Orphan Knoll

CHART OR MAP REFERENCE:
Feature shown but not named on NGA Charts 14018(1:200k) & 803(1:4,205,000)

REASON FOR CHOICE OF NAME:
This feature is named for Mr. Daniel P. Donnell, physical scientist, who has spent a career devoted to the advancement of the bathymetry tradecraft and digital data processing to the international community. Since 1969 Mr. Donnell has been involved with and represented the Naval Hydrographic Office, NGA and its legacy organizations to GEBCO which operates under the auspices of the IHO and the IOC of the UNESCO. From 2000-2004 he served on the GEBCO's SCDB and his experience in creating a digital database at NGA was instrumental in helping as they addressed technical issues surrounding the digital atlas. Mr. Donnell provided outstanding support to NGA's GeoNames office personnel active on the BGN's ACUF which advises GEBCO's SCUFN. Mr. Donnell served as a primary point of contact for bathymetry at NGA providing subject matter expertise for the international community and also briefed bathymetry production activities to foreign VIPs. Mr. Donnell participated in international user forums for MapInfo, CARIS Bathy DataBASE, MB System, and provided invaluable technical expertise. He was instrumental in the CARIS BATHY database working group UK/NAVO/NOAA/NGA, addressing variable resolution and cataloging trackline datasets vice polygons. Mr. Donnell's dedicated service and contributions spanning 40 years brought his expertise to bear and helped fellow bathymetrists to address and help solve key technical issues to better map the seafloor.

SUPPORTING MATERIALS:
NGDC Datasets: USCGC Healy, 2000, Cruise ID HLY0004 (NGA No. 401277)
GEBCO 2008 30" seafloor model

SUBMITTED BY: Howard J. Cohen
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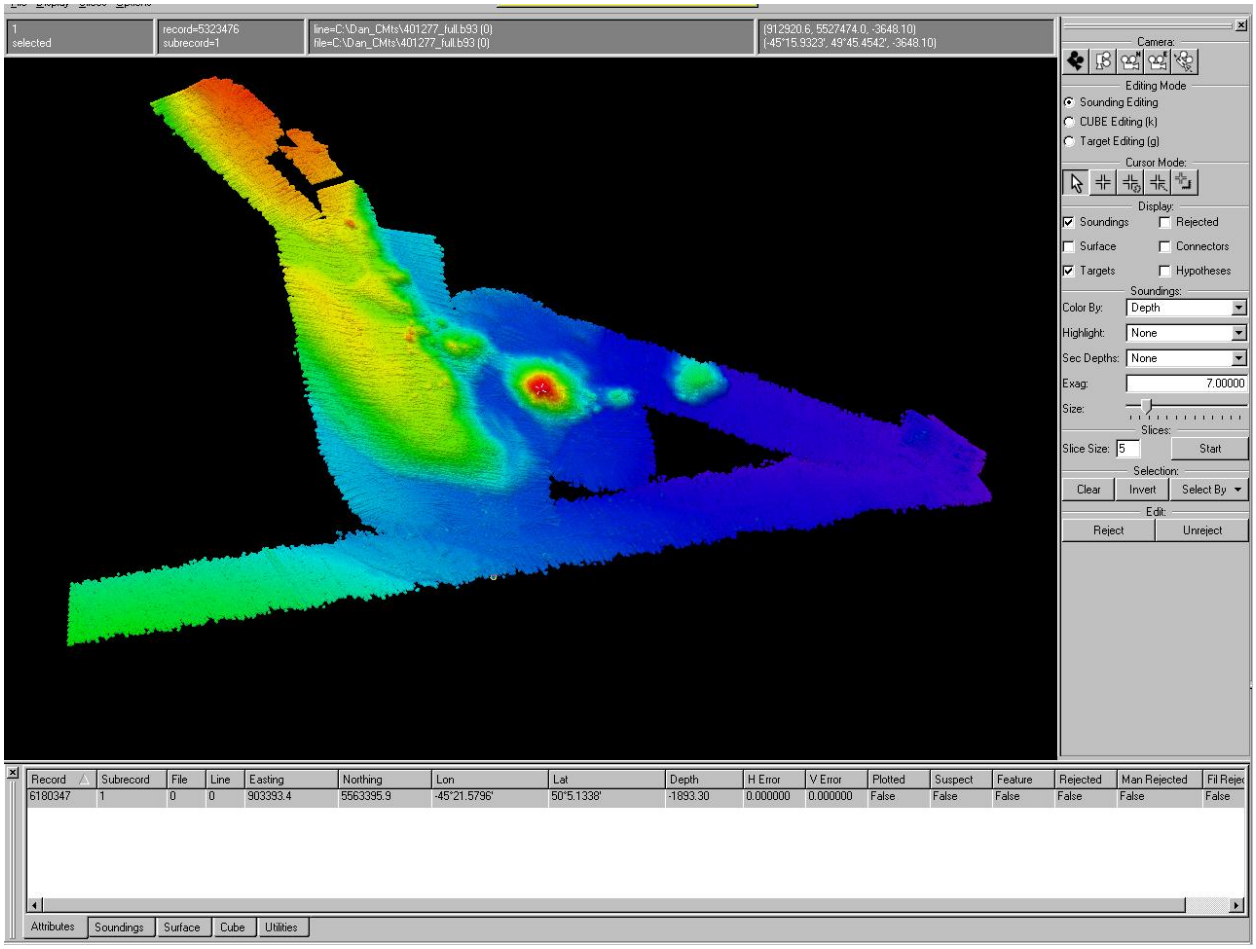
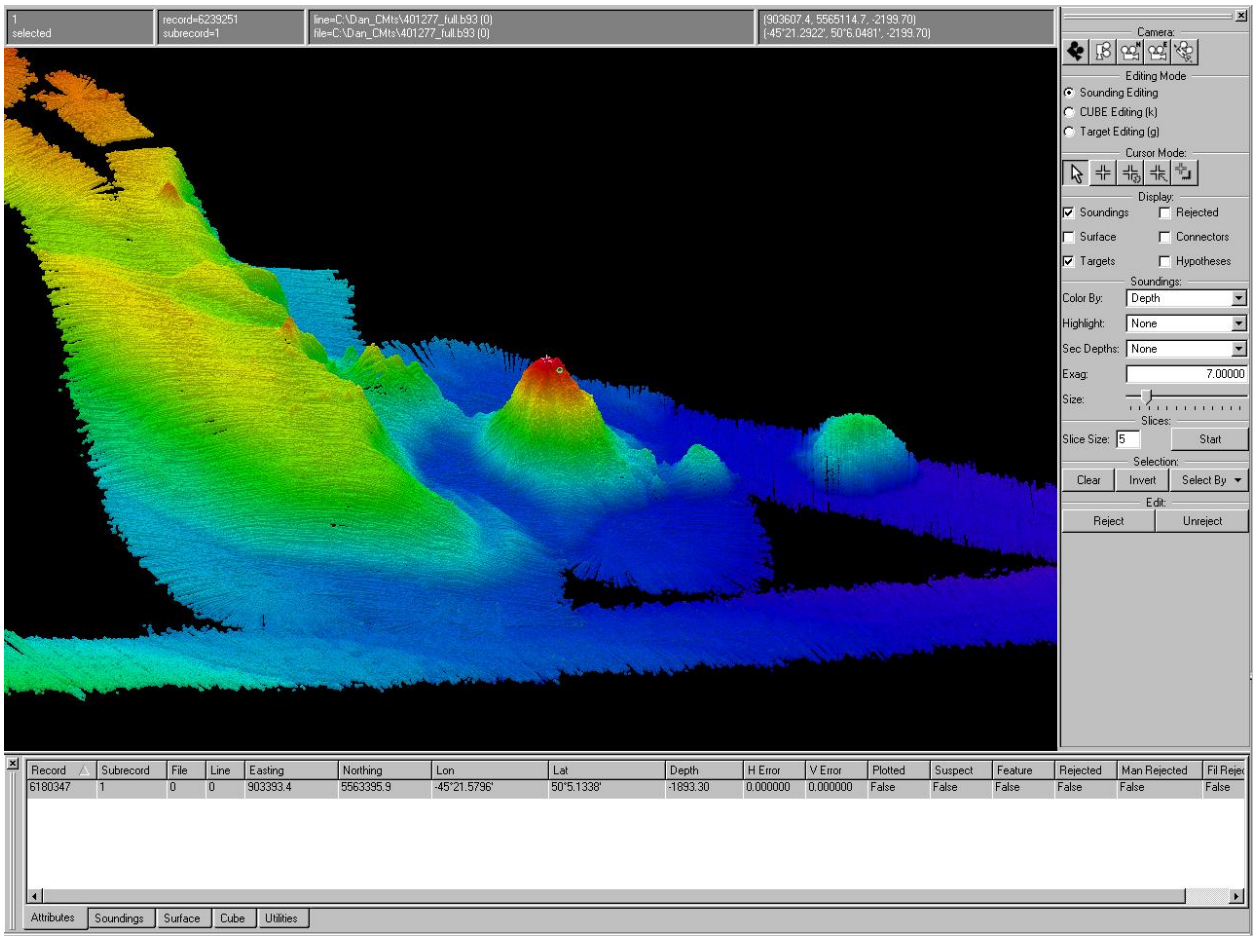
Fledermaus Aerial View, Donnell Seamount

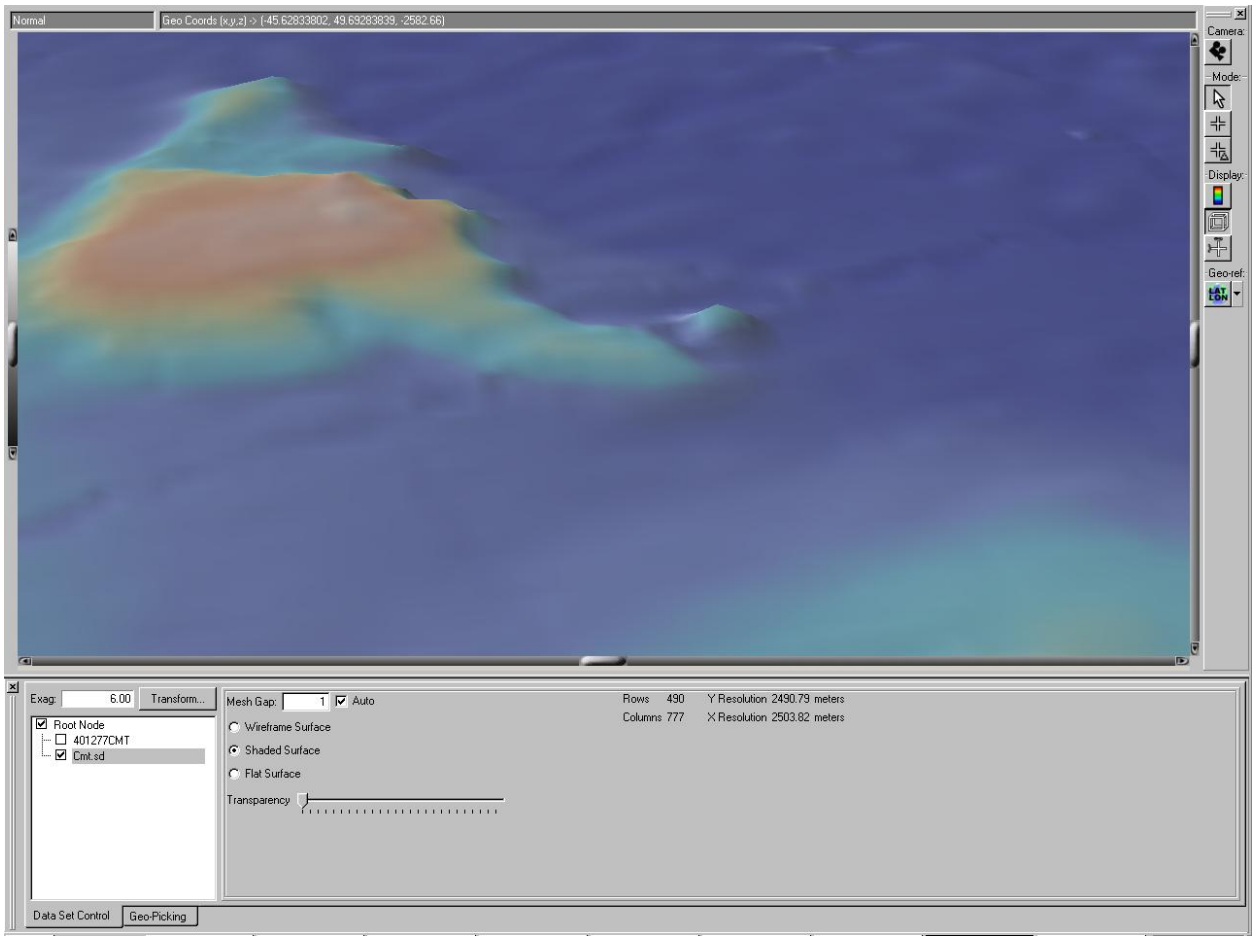


Least Depth, 1983.3m, 50° 05.1338’N, 45° 21.5796’W

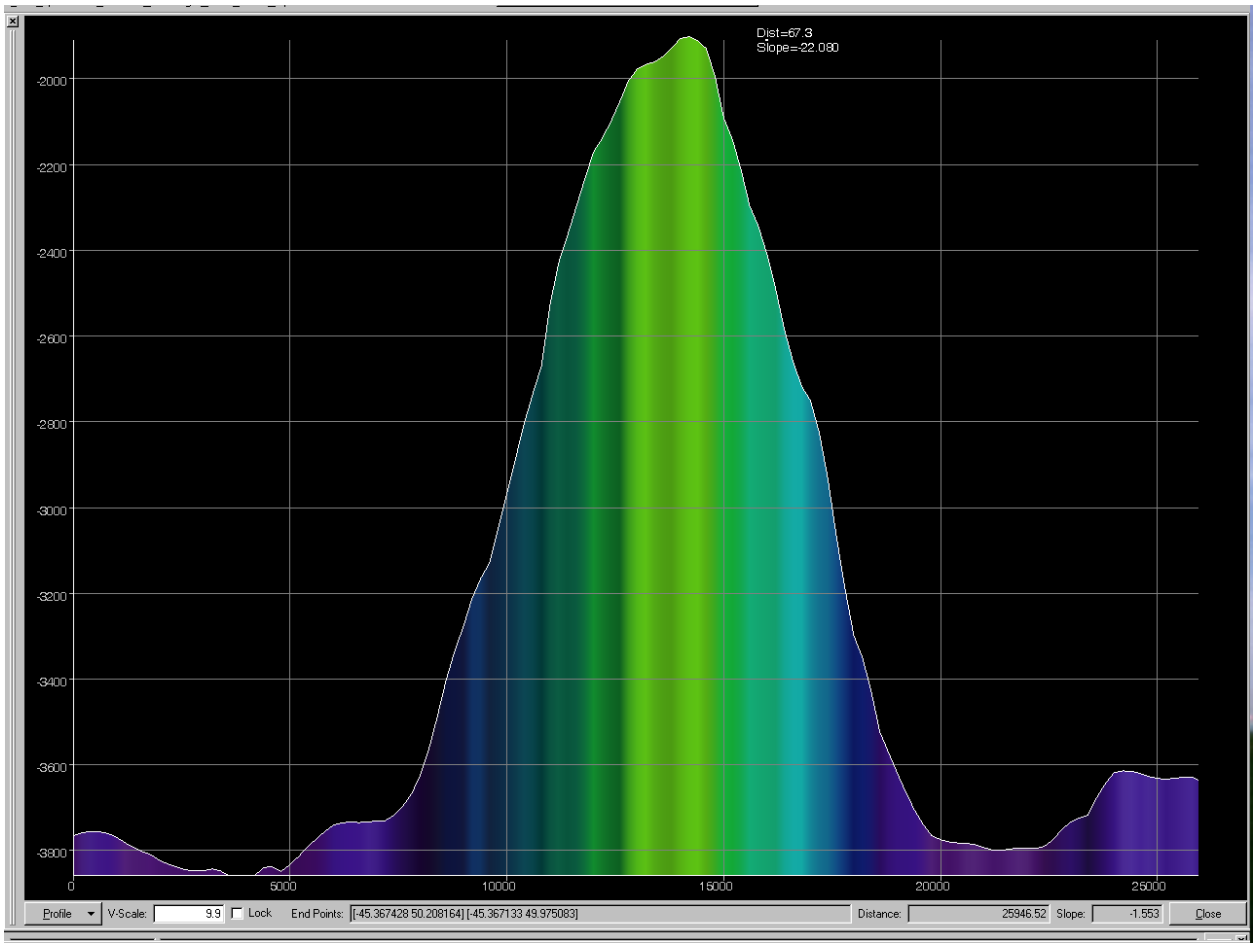
Fledermaus Oblique View, Donnell Seamount from South



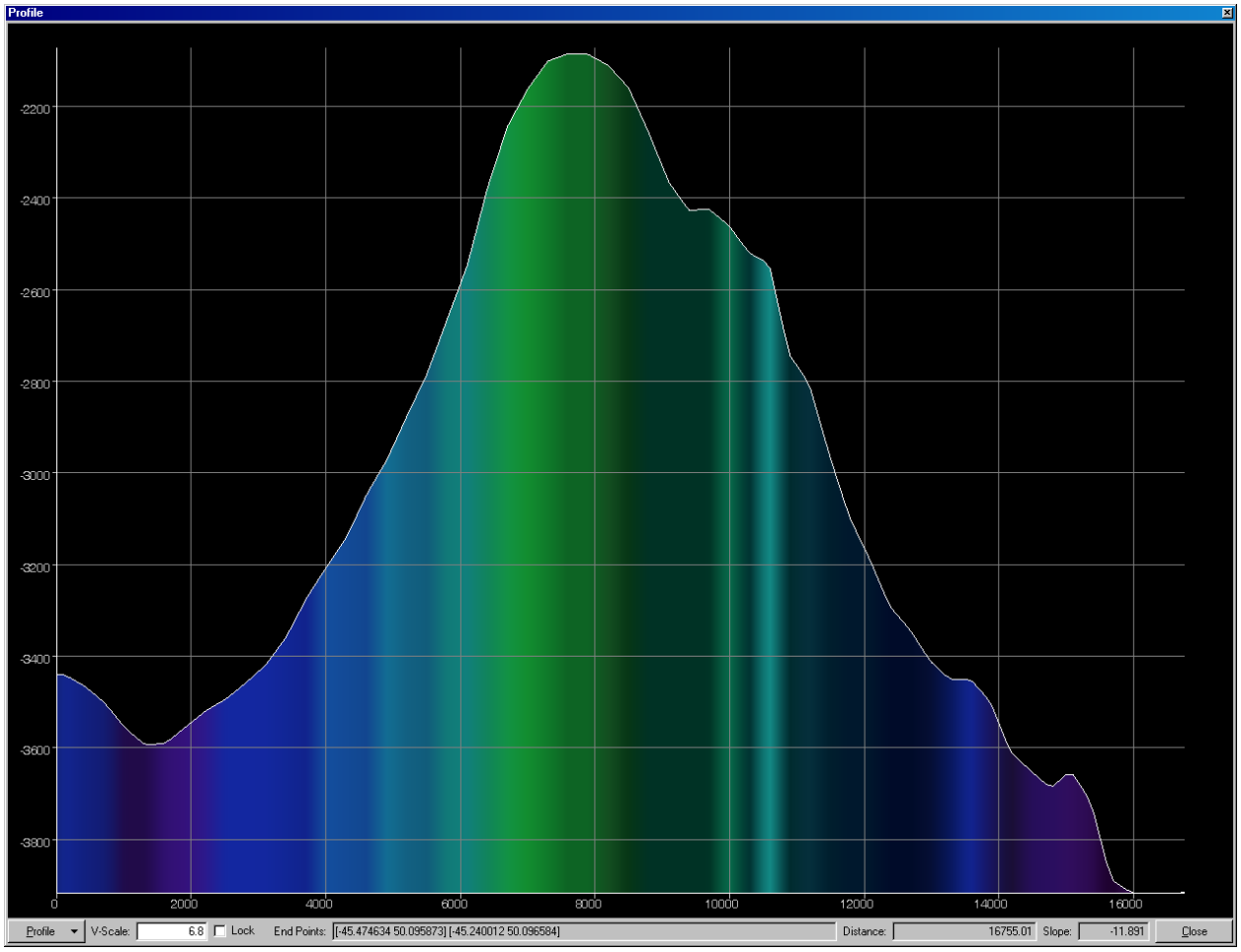
Fledermaus View, Donnell Seamount from South, with GEBCO 2008 30” seafloor model as backdrop



North to South profile



West to east profile


Profile
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-2400
-2600
-2800
-3000
-3200
-3400
-3600
-3800
0
2000
4000
6000
8000
10000
12000
14000
16000
Profile
V-Scale:
6.8
Lock
End Points:
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Distance:
16755.01
Slope:
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Close