

**UNITED STATES BOARD ON GEOGRAPHIC NAMES  
UNDERSEA FEATURE NAME PROPOSAL**

**NAME PROPOSED:** Donaldson Seamount

**LOCATION:**

Ocean or sea: Pacific Ocean

**Coordinates**

point feature or center point Lat. 35° 12'00" S Long. 160° 36' 48" W

linear feature - (from) ..... Lat. Long.

(to) ..... Lat. Long.

areal feature - northeast corner ... Lat.35° 07'S Long. 160° 33'W

southeast corner ... Lat.35° 18'S Long. 160° 33'W

southwest corner ... Lat.35° 18'S Long. 160° 43'W

northwest corner ... Lat.35° 07'S Long. 160° 43'W

**DESCRIPTION:**

Feature type Seamount - volcanic cone with moat to west

Size and shape Circular with large adjacent seamount coalescing on Eastern flank

Depth (max. and min.) Steepness, etc. Max. depth 5620 meters in moat, Min. depth 4295 meters

**ASSOCIATED FEATURES:** Southwest Pacific Basin

**CHART OR MAP REFERENCE:**

Name and feature shown on

Feature shown but not named on attached chartlet

**REASON FOR CHOICE OF NAME:** Refer to CNMOC Itr 3140 Ser 3/029

**DISCOVERY FACTS:**

Date October 1969

Discoverer (individual, ship) Randy Meijer, "ELTANIN"

Equipment or instruments used 12 KiloHertz SONAR, 60 degree beam, 1 second repetition rate

Navigation used Satellite fixes, Dead Reckoning

Horizontal accuracy estimate 0.25 to 0.5 nautical miles

Spacing of tracks, crossings, etc. 1 trackline

**SUPPORTING MATERIAL:** Enclose publication references (prior and planned), reprints, sketch maps, profiles, etc. see attached chartlet

**SUBMITTED BY:**

Captain Frank Grandau

Title

Chief of Staff

Organization

Commander, Naval Meteorology and Oceanography Command

Address

1100 Balch Boulevard, Stennis Space Center, MS 39529-5005

**MAIL TO:**

Executive Secretary

U.S. Board on Geographic Names Headquarters

National Imagery and Mapping Agency, Attn: GOGD, MS D-61

4600 Sangamore Road

Bethesda, MD 20816

From: Commander, Naval Meteorology and Oceanography Command  
To: Executive Secretary, U.S. Board on Geographic Names

Subj: NAMING A SEAMOUNT FOR REAR ADMIRAL THOMAS Q. DONALDSON, V

Encl: (1) United States Board on Geographic Names Undersea Feature Name Proposal

1. We recommend the seamount, identified in enclosure (1), be named for Rear Admiral (RDML) Thomas Q. Donaldson, V, the Commander, Naval Meteorology and Oceanography Command, from November 2000 to November 2003, and "Hydrographer of the Navy" from April 2001 to November 2003. A Physical Oceanographer and Meteorologist, RDML Donaldson's distinguished naval career began as a Midshipman at the U.S. Naval Academy, where he received his Baccalaureate and Masters degrees, and culminated as the flag officer in command of all naval operational hydrography, meteorology and oceanography. While maintaining our world leadership in these areas, he kept the focus on priority fleet needs and programs that ensure U.S. forces will continue to dominate the battle space through superior understanding and exploitation of the natural environment.

2. RDML Donaldson oversees the Navy's modern oceanographic survey fleet, recognized as the world's most versatile, best equipped and most diversely deployed. During his tenure as Commander and Hydrographer, this survey fleet conducted hydrographic and military oceanographic surveys world-wide in support of navigation safety and Operations NOBLE EAGLE, ENDURING FREEDOM and IRAQI FREEDOM. These surveys have increased the Navy's, the nation's and global knowledge of the littoral ocean environment.

3. As Hydrographer, a title last used in 1962, RDML Donaldson reinvigorated Naval Hydrography. He launched the Master of Science degree in Hydrographic Science in partnership with the University of Southern Mississippi, and also achieved international accreditation of the program at the Category "A" level by the International Federation of Surveyors/International Hydrographic Organization Advisory Board on Standards of Competence for Hydrographic Surveyors. He guided the establishment of the Hydrographic Science Research Center to foster and support improvements in navigation and ocean surveys. He established Fleet Survey Teams, small well-equipped teams of surveyors that deploy rapidly and produce field charts and other end-items on scene. He also strengthened national partnerships with other federal agencies to support the development of next generation survey technologies, such as autonomous underwater vehicles and CHARTS, the airborne LIDAR replacement for SHOALS.

4. Naval Hydrography and Oceanography have undergone revolutionary changes over the past several years as Navy embraces the Chief of Naval Operation's vision, "Sea Power 21." Through bold initiatives, like Enterprise Architecture and Task Force EXCEL, RDML

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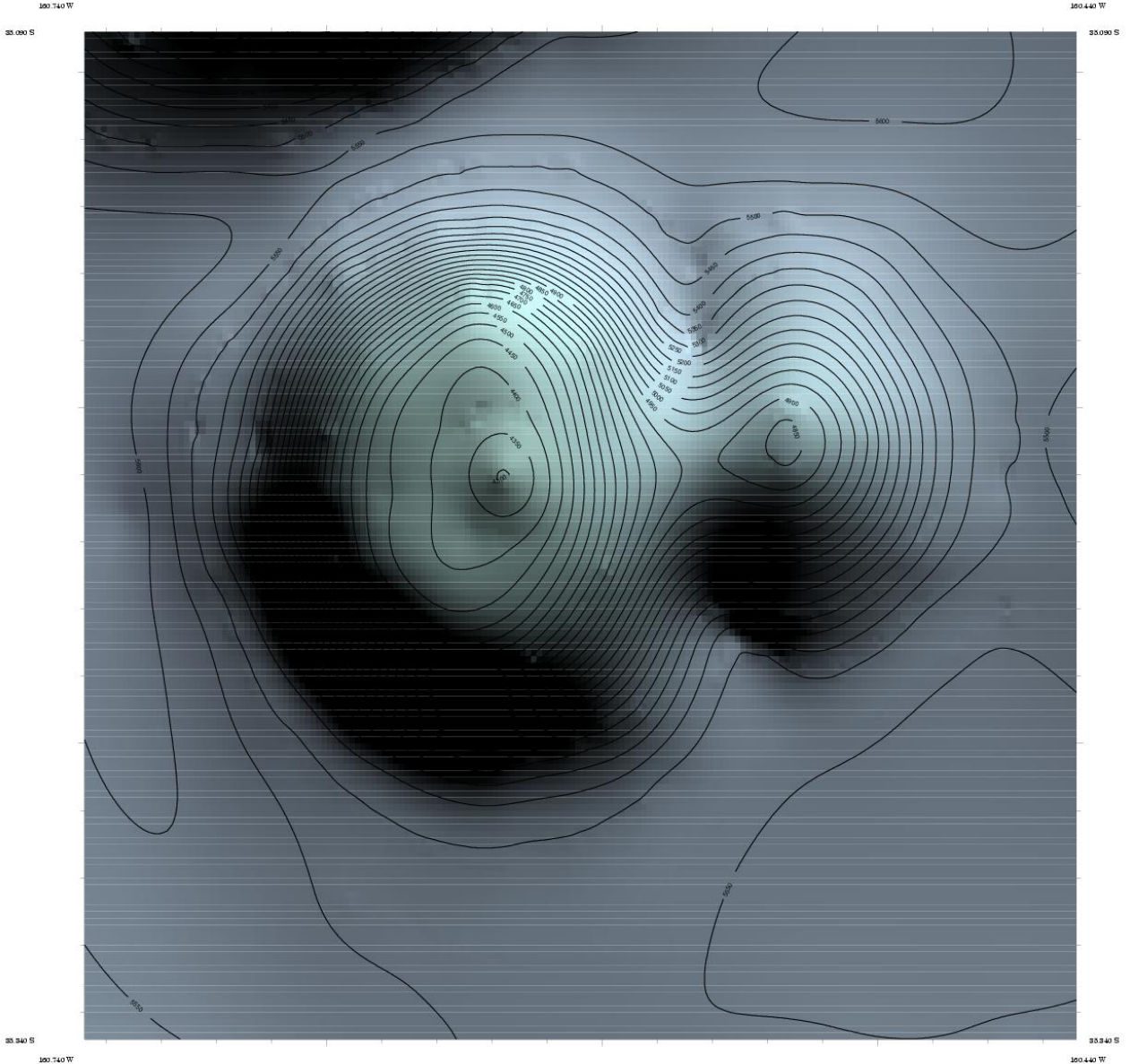
Donaldson ensured that Navy's Meteorology and Oceanography community was a motive force in realizing future capabilities today.

5. In summary, RDML Donaldson is a true visionary who has laid a solid foundation for Naval Hydrography, Meteorology and Oceanography in the 21<sup>st</sup> century. Globally, navigators and oceanographers have benefited greatly from his distinguished leadership. Naming a seamount for him would be a most fitting recognition of his considerable contributions to naval, national and international oceanography and navigation safety.

6. We appreciate your consideration of this request. Our point of contact is Mr. Ken Cooper (N3B), DSN 828-5007, Commercial (228) 688-5007, or e-mail [CooperK@cnmoc.navy.mil](mailto:CooperK@cnmoc.navy.mil).

UNCLASSIFIED

### Donaldson Seamount Depths in Meters



UNCLASSIFIED  
APPROVED FOR PUBLIC RELEASE  
DISTRIBUTION UNLIMITED

150.740 W  
35.340 S  
150.740 W  
35.090 S  
FILE NO: 27-20-201-02-2005  
NAVC. PRODUCTION NO. 50-323203  
SCALE 1:11703 at Lat. 35-20

**LEGEND**  
Depths in meters at 1500 meters per second  
CONTOUR INTERVAL: 50 000  
GRID SIZE: 0.100 min/2.30 056 mtrs.

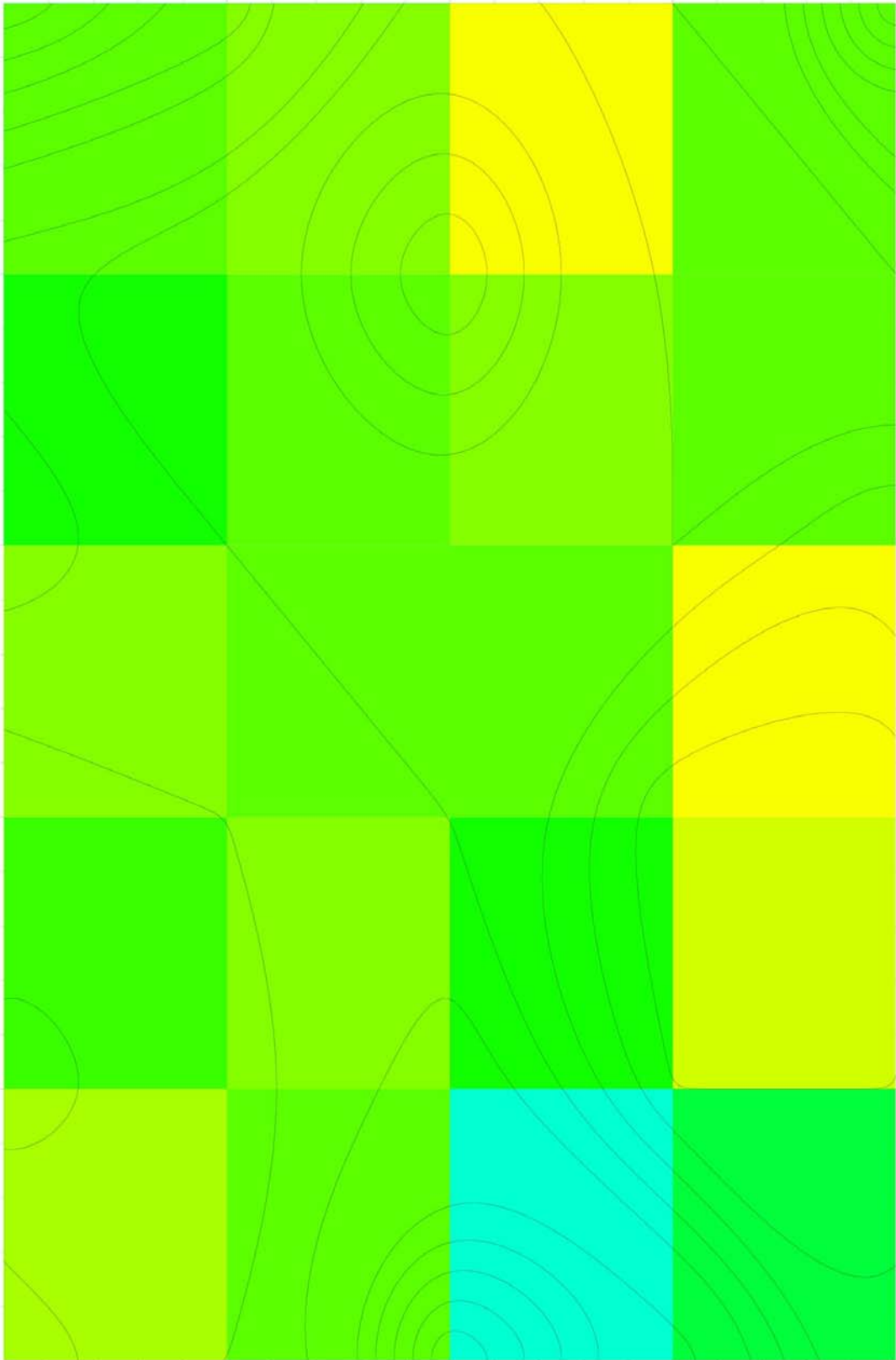
### Donaldson Seamount Depths in Meters

UNCLASSIFIED

GEOSAT  
5 minute grid

T 20 00  
E 20 00

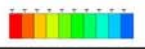
T 20 00  
E 20 00



T 20 00  
E 20 00

T 20 00  
E 20 00

**LEGEND**  
Contours in meters at 100 meters per interval  
CONTOUR 100 M, 100 m interval  
© 2000 GEOSAT



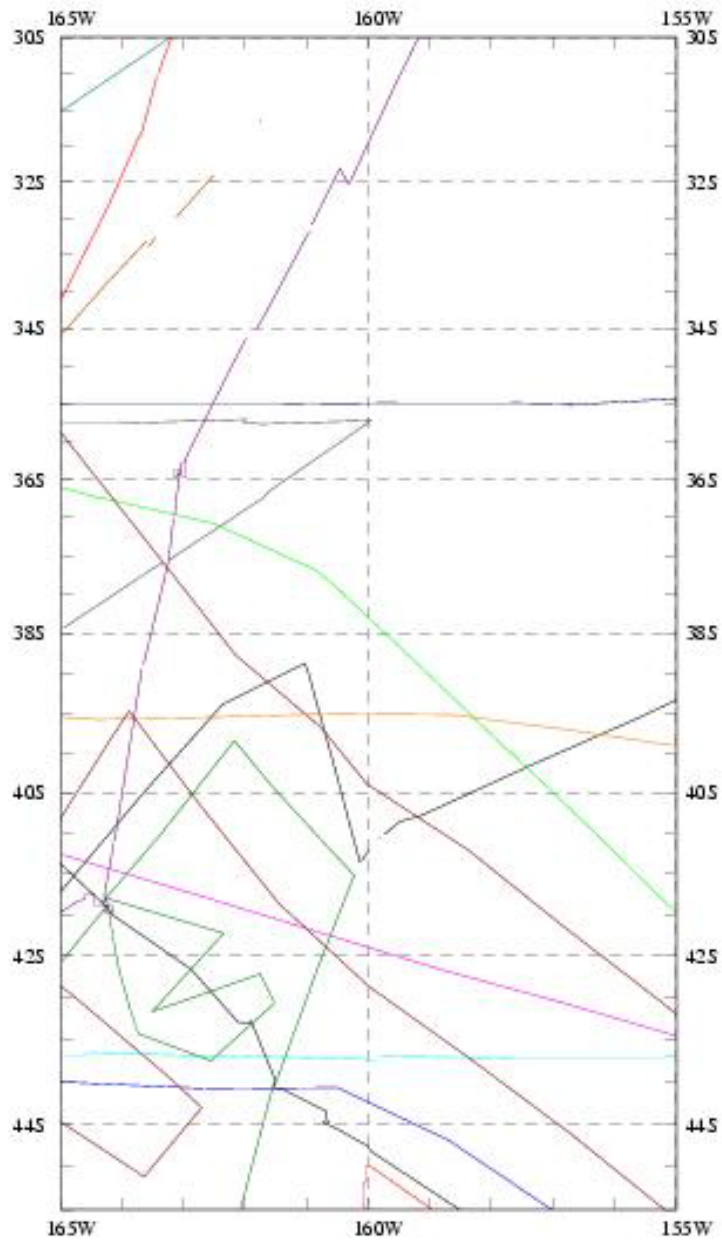
GEOSAT  
5 minute grid

UNCLASSIFIED  
GEOSAT

# KEY RAYM

# Raymount

# BATHYMETRY



Mezarc projection

- |       |       |         |          |          |          |          |       |
|-------|-------|---------|----------|----------|----------|----------|-------|
| C0905 | C0906 | C1212   | ELT17    | ELT20    | ELT24    | ELT28    | ELT40 |
| V3601 | V3602 | POL6702 | MONS07AR | GECS-IMV | ARES1CWT | MRTN06WT | OB3C  |

