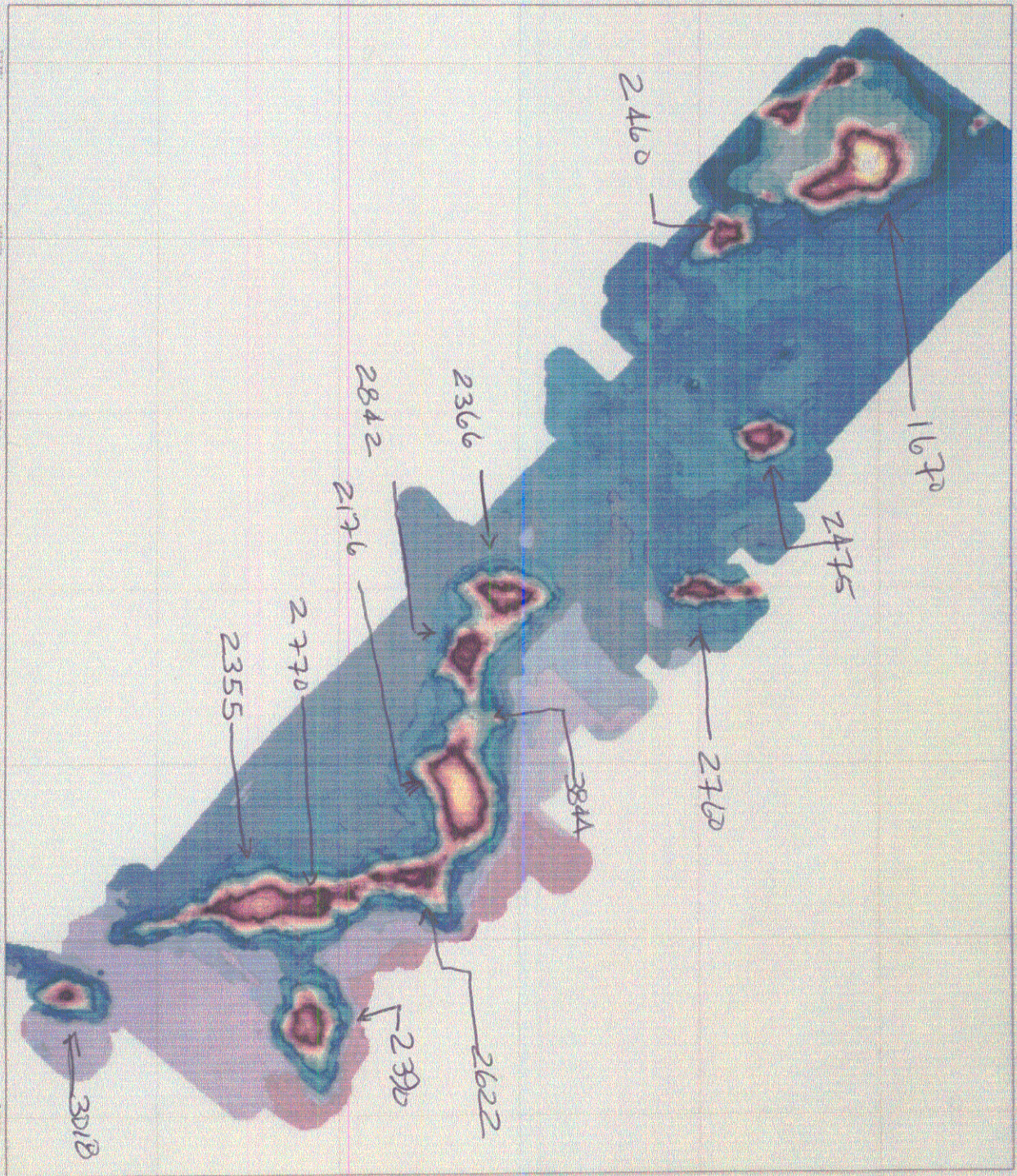


Note: latitude value for the initial point should be 8 26 S

UNITED STATES BOARD ON GEOGRAPHIC NAMES		
UNDERSEA FEATURE NAME PROPOSAL		
NAME PROPOSED: FLEMING RIDGE		
LOCATION: Brazil Basin, Pernambuco Seamount Group		
Ocean or Sea: South Atlantic Ocean		
Coordinates:		
linear feature (initial point):	Lat. 08°26'N	Long. 032°05'W
linear feature (turning point):	Lat. 08°44'30" S	Long. 031°11'W
linear feature (to [final point]):	Lat. 09°38'S	Long. 031°00'W
DESCRIPTION: Right-angle shaped ridge with five major peaks		
Feature type: Submarine Ridge	Size and shape: 100 nm with right angle bend at 54nm	
Depth (max. and min.): 5100 meters maximum, 2176 meters minimum	Steepness, etc.:	
Associated features: Pernambuco Seamount Group		
CHART OR MAP REFERENCE:		
Feature (unnamed) shown on: GEBCO 5.12 (revised)		
Cherkis, N.Z., Fleming, H.S. and Brozena, J.M., 1989. Bathymetry of the South Atlantic Ocean - 3°S to 40°S; Geol. Soc. America Map and Chart Series, MCH-069.		
REASON FOR CHOICE OF NAME:		
<p>Henry Stanton Fleming is a soon-to-retire Research Oceanographer at the Naval Research Laboratory, after 34 years of Federal Service. During his tenure at the Laboratory, as Branch Head of the Marine Physics Branch, (Code 7420), Fleming lead numerous at-sea experiments in the Arctic, Pacific and Atlantic Oceans. He was the Co-Chief Project Scientist and was the driving force for the successful implementation and conclusion of the major South Atlantic Ocean seafloor investigation program, "Project CENTRATLAN (1979-1989)." CENTRATLAN was a joint investigative program with the Brazilian Directorate of Hydrography and Navigation, involving 16 at-sea and 5 airborne geomagnetics field investigations in the Brazil and Angola Basins of the South Atlantic Ocean. This ridge was discovered and successfully swath-mapped by the proposer during the latter phases of Project CENTRATLAN and it is fitting that, in retirement, it be named for Fleming.</p>		
DISCOVERY FACTS:		
Date: 1979-1989		
Discoverer (individual, ship): USNS Hayes-1979, 1981; R/V Conrad, Cruises 2905 and 3003; Chief Scientist: NZ Cherkis		
Sounding equipment used: SeaBeam multibeam echosounding system. Navigation type: GPS, Transit Satellite		
Estimated horizontal accuracy: ± .25 n.m. Track spacing, crossings: numerous, with 100% multibeam overlap		
SUPPORTING MATERIALS: Please enclose references, reprints profiles, maps, etc.		
Bathymetric Map of region, shaded relief model		
References:		
Cherkis, N.Z., Fleming, H.S. and Brozena, J.M., 1989. Bathymetry of the South Atlantic Ocean - 3°S to 40°S; Geol. Soc. America Map and Chart Series, MCH-069.		
Cherkis, N.Z., Fleming, H.S., Vogt, P.R. and Costa, L.C., 1989. Bathymetry of the South Atlantic Ocean - 3°S to 40°S; Revista Brasileira de Geofísica 7/1, 58.		
Organization and address:		
Proposer: Norman Z. Cherkis		
Present Address: Five Oceans Consultants		
6300 Saddle Tree Drive		
Alexandria VA 22310-2915		
Phone/Fax: 703-971-3141; email: fiveoceanscon@yahoo.com		
Please mail to:		
Executive Secretary		
US Board on Geographic Names		
National Imagery and Mapping Agency		
4600 Sangamore Road Mail Stop D-56		
Bethesda MD 20816-5003		
USA		



RC0005
PERANGBUD SEAMOUNTS
DATA FROM RC0005 & RC2905
500 M GRID