

UNDERSEA FEATURE NAME PROPOSAL

Name Proposed:	Cruzeiro do Sul Southeast Escarpment	Ocean or Sea: Atlantic Ocean
-----------------------	--------------------------------------	-------------------------------------

Geometry that best defines the feature (Yes/No):						
Point	Line	Polygon	Multiple points	Multiple lines*	Multiple polygons*	Combination of geometries*
Yes	Yes					

* Geometry should be clearly distinguished when providing the coordinates below.

	Lat.	Long.
Coordinates:	(Central Point) 33°57.55'S	(Central Point) 030°45.59'W
	33°10.00'S	032°21.17'W
	33°55.24'S	030°54.59'W
	34°35.49'S	029°06.55'W

Feature Description:	Maximum Depth: -5161 m	Steepness:
	Minimum Depth : -1624 m	Shape: Elongated
	Total Relief:	Dimension/Size: 400 Km (approximately)

Associated Features: Rio Grande Plateau

Chart/Map References:	Shown Named on Map/Chart: Shown Unnamed on Map/Chart: 30 (201) Within Area of Map/Chart: 30 (201)
------------------------------	---

Reason for Choice of Name: Cruzeiro do Sul is the name of five star constellations which arrangement allows indicating the South Pole. They became used as a national symbol by several southern nations and also appear in the Brazilian flag. Southern Cross is easily visible from the southern hemisphere. The feature proposed is located in the Cruzeiro do Sul deformation zone, already known and described in scientific works.

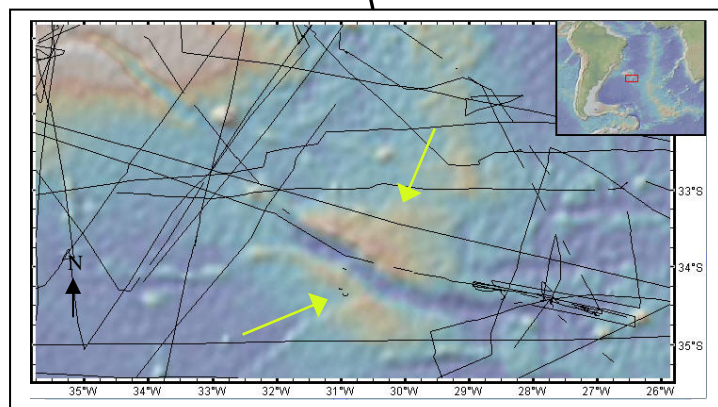
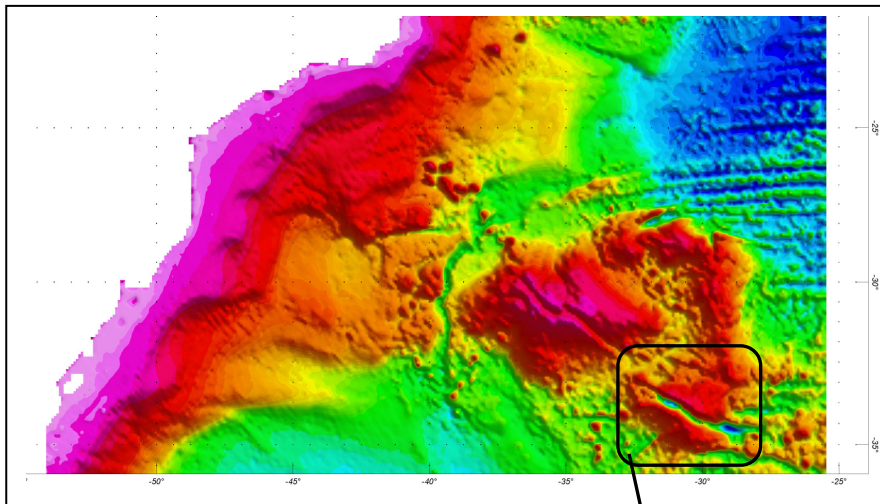
Discovery Facts:	Discovery Date: ----- Discoverer (Individual, Ship): -----
-------------------------	---

**Supporting Survey Data,
including Track Controls:**

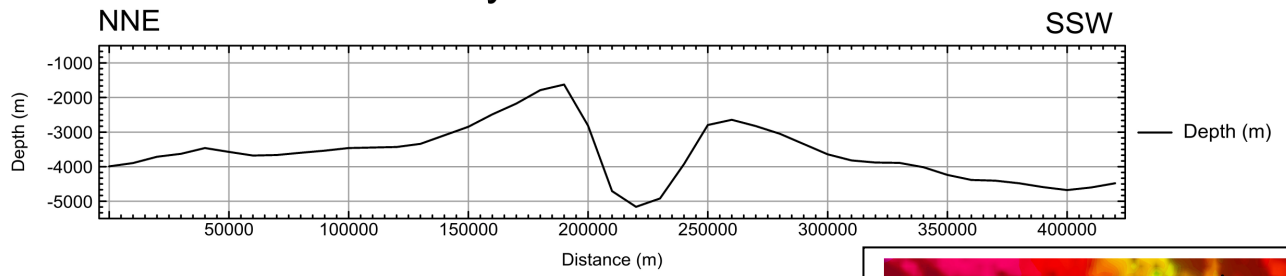
Date of Survey: 1992
Survey Ship: Meteor
Sounding Equipment: Single beam
Type of Navigation: GPS
Estimated Horizontal Accuracy (nm):
Survey Track Spacing:

Remarks: *This name feature proposal is the continuity of the Cruzeiro do Sul Northwest Escarpment however the amount of data in this area is very poor so that all bathymetric profiles shown in this proposal were extracted by the grid which was built with acquired data and ETOPO2.*

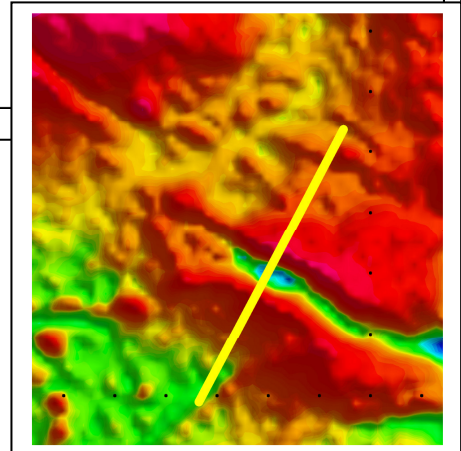
Location of Cruzeiro do Sul Southeast Escarpment



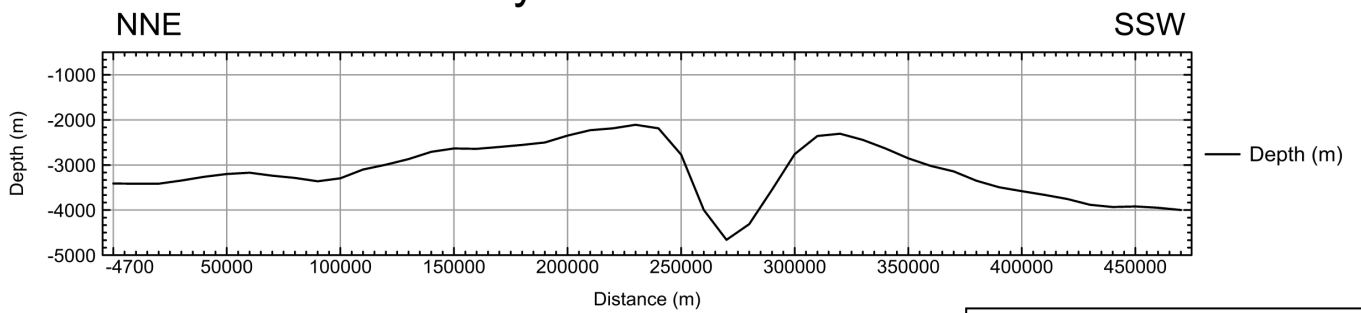
Bathymetric Grid Profile



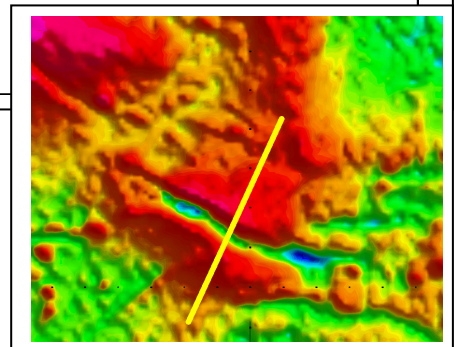
L2



Bathymetric Grid Profile



L0



Proposer(s):

Name(s): Directorate of Hydrography and Navigation

Date: July 2010

E-mail: ana.angelica@chm.mar.mil.br

Organization and Address: Barão de Jaceguay Street – Ponta da Armação – Niterói – Rio de Janeiro – Brazil - ZIP code: 24.048-900

Concurrer (name, e-mail, organization and address):