

UNDERSEA FEATURE NAME PROPOSAL
(See IHO-IOC Publication B-6 and NOTE overleaf)

Note: The boxes will expand as you fill the form.

Name Proposed:	Ceará Trough	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						

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

Coordinates:	Lat. (e.g. 63°32.6'N)	Long. (e.g. 046°21.3'W)
	3° 36" S (Central Point)	37° 36" W (Central Point)

Feature Description:	Maximum Depth:	2330 m	Steepness :	
	Minimum Depth :	1500 m	Shape :	Elongated valley
	Total Relief :	830 m	Dimension/Size :	~70 km x 20 km

Associated Features:	Ceará Plateau
-----------------------------	---------------

Chart/Map References:	Shown Named on Map/Chart:	
	Shown Unnamed on Map/Chart:	
	Within Area of Map/Chart:	

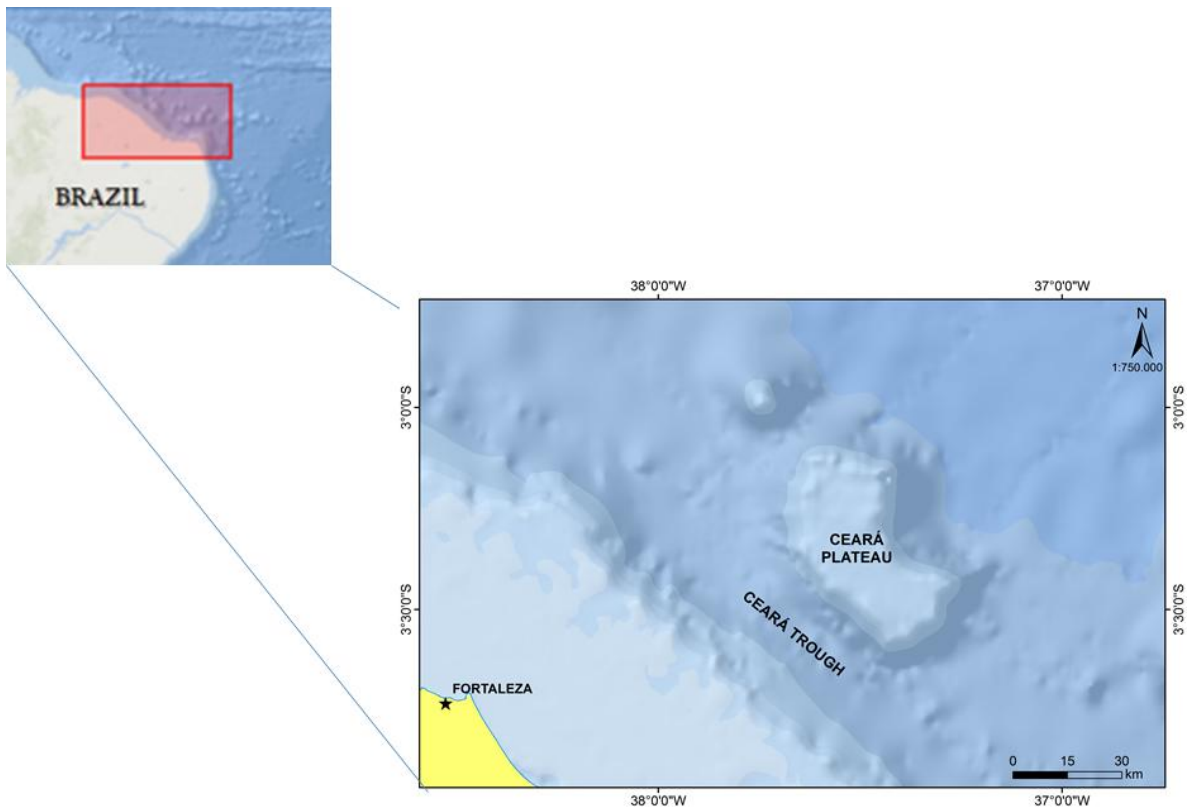
Reason for Choice of Name (if a person, state how associated with the feature to be named):	Named from the nearby State of Ceará. It is located between Continental Slope of Ceará and Ceará Plateau.
--	---

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

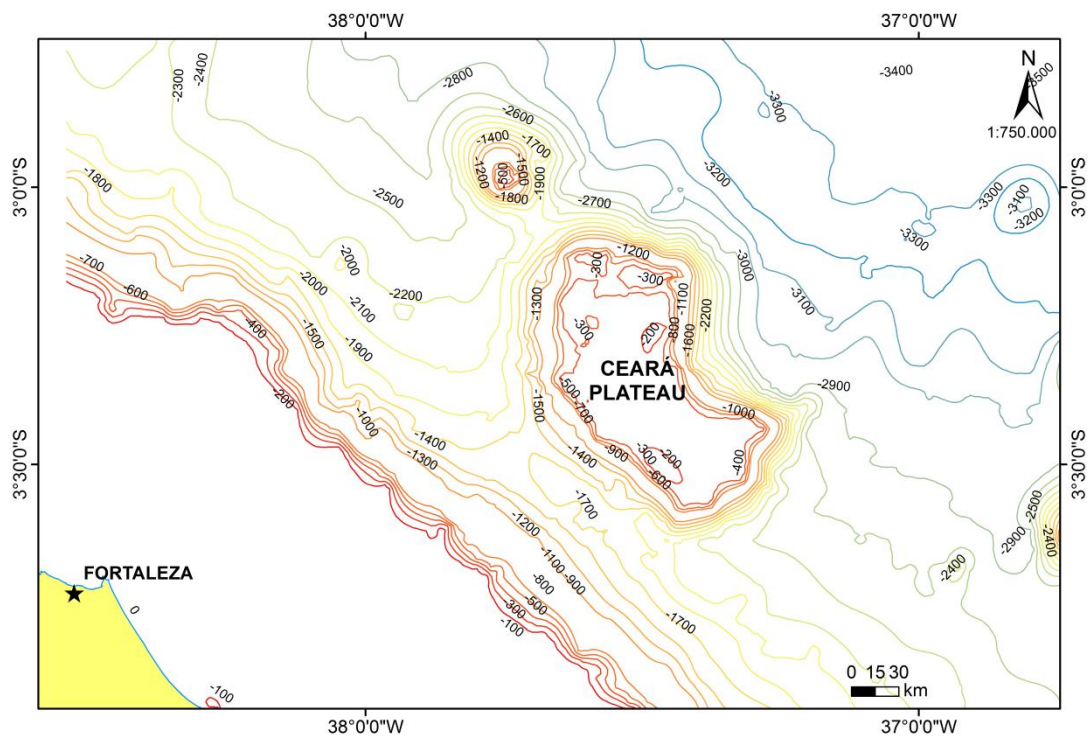
Supporting Survey Data, including Track Controls:	Date of Survey:	2000
	Survey Ship:	GECO TAU
	Sounding Equipment:	ATLAS DESO 25
	Type of Navigation:	GPS
	Estimated Horizontal Accuracy, in nautical miles (M):	
	Survey Track Spacing:	4 km
	Supporting material can be submitted as Annex in analog or digital form.	

Supporting Material

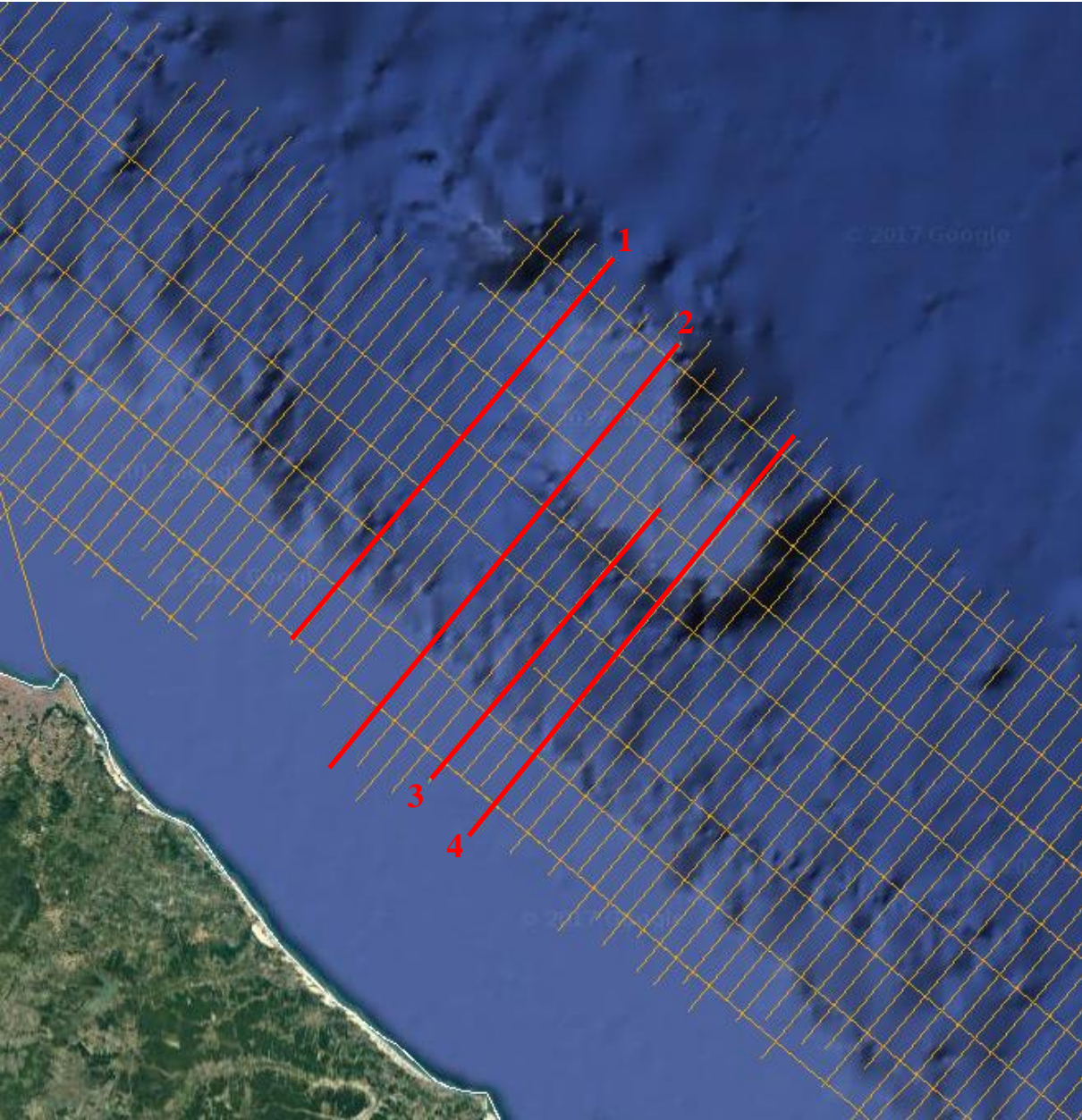
Location of Ceará Trough



Bathymetric map of Ceará Trough (interval contour: 100m database: GEBCO_2014)



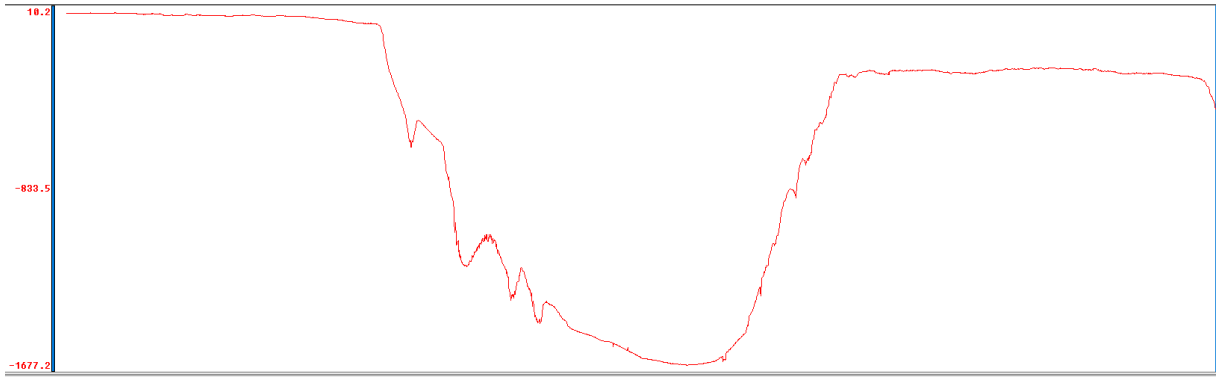
Single beam bathymetric dataset



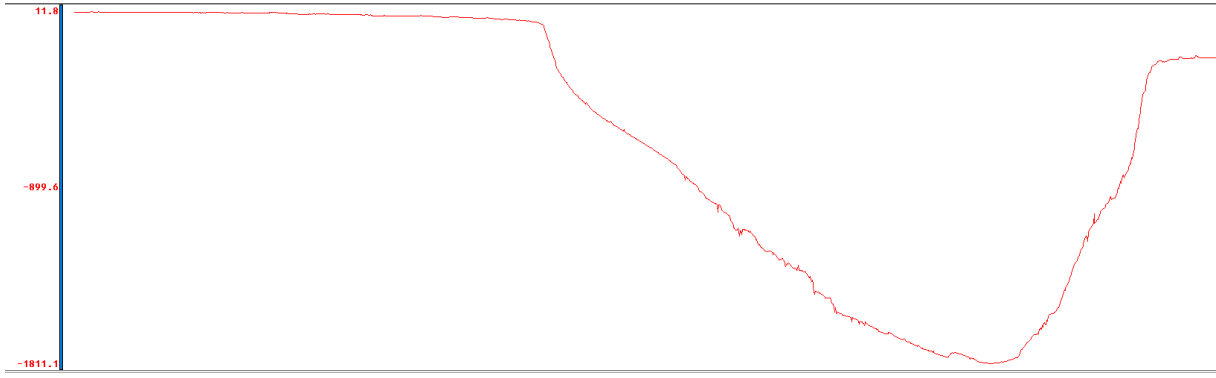
Acquired Profiles:



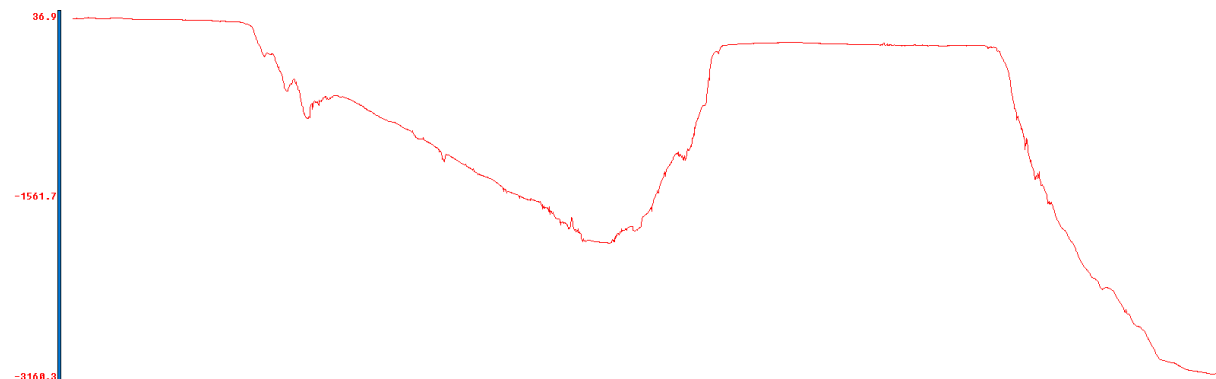
Line 6357BP01T068 (1)



Line 6349BP01T070 (2)



Line 6329BP01T075 (3)

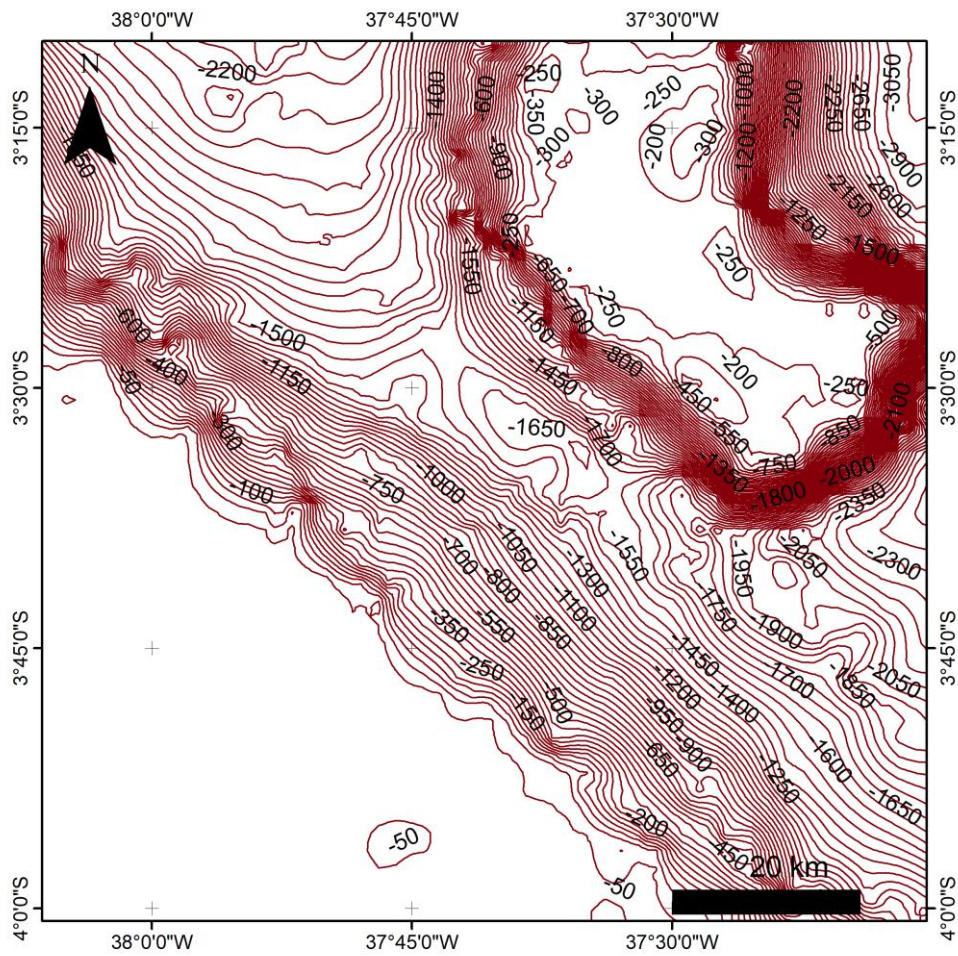


Line 6317BP01T101 (4)

3D view



Bathymetric map of Ceará Trough (interval contour: 50 m database: GEBCO_2014)



Proposer(s):	Name(s):	Helenice Vital
	Date:	August 2017
	E-mail:	helenicevital2004@yahoo.com.br
	Organization and Address:	Geology and Geophysics Laboratory of Rio Grande do Norte Federal University.
	Concurrer (name, e-mail, organization and address):	