![EXPLORE NOAA logo]

CTD Cast Name	Cruise	CTD Number	Date
	EX1105	CTD03	9/03/2011

Expedition Coordinator/ Science Team Lead	Mashkoor Malik/Tom Weber

General Area Descriptor	Florida Escarpment

Site Name	Lee's CTD

Type of CTD Operation

- ☒ Vertical Cast
- ☐ Po-Go
- ☐ Tow-Yo
- ☐ Combination

Target Position

25° 54.277'N	
084° 59.516'W	

Deployment Time & Location

UTC Time	1625			
Latitude	25	º	54.277	N
Longitude	84	º	59.516	W

Time & Location At Depth

UTC Time	1735	Target Depth/Range	20mab

Latitude	25	º	54.278	N
Longitude	84	º	59.514	W

Recovery Time & Location

UTC Time	1817	Maximum Depth (m)	3232m

Latitude	25	º	54.281	N
Longitude	84	º	59.512	W

CTD Sensor Data Acquired

- ☒ CTD   **P** 0905 **T1** 5001 **T2** 5017 **C1** 3449 **C2** 3451
- ☒ Altimeter Voltage Channel 00
- ☒ DO 2100 Voltage Channel 02 ☒ Wetlabs CDOM 2012 Voltage Channel 06
- ☒ Chelsea Aquatracka 10-7779-05 Voltage Channel 04
- ☐ Other (*specify*) _____ Voltage Channel __ _____ Voltage Channel __

Water Samples Collected?   ☐ Yes ☒ No   If Yes, Number of Bottles Tripped: _____

Sample Processing

Sample Type(s): _____

- ☐ Processed on board ☐ Preserved ☐ Chemicals _____
- ☒ None ☐ Room Temp Storage ☐ -80 Freezer ☐ -20 Freezer ☐ Refrigerator

Data Archival	Tethys FTP site

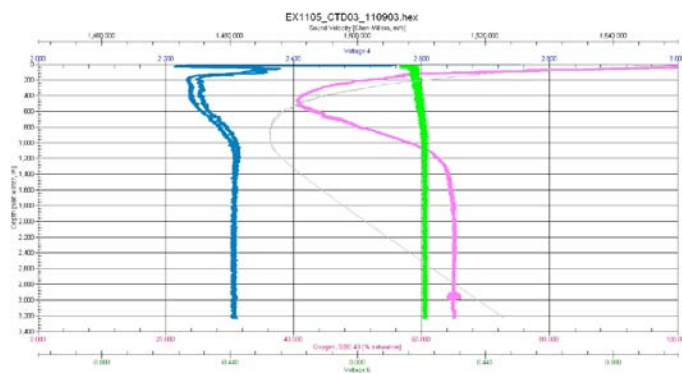| Equipment Malfunctions	CDOM spiky, not from CTD/Wire.
Special Notes	Calibration information for fluorometers not confirmed to be correct, utilized voltages. Need to confirm calibration info before processing if using values other than voltages.
Scientists Involved *(name / location / affiliation / email)*	mashkoor.malik@noaa.gov weber@ccom.unh.edu

Purpose of the CTD operation: Exploration

Description of the Data/Results:

No unusual data throughout water column. CDOM/Aquatracka connectors on CTD were swapped (V4 & V6) from CTD02-CTD03. CDOM spiky on both casts, regardless of which channel it was plugged into. Spiky data not CTD/Wire, is problem with sensor/cable.

Overall Map of CTD Cast Area	Screen Grab of Data
Overview of Cast site	*SeaSave Data Acquisition Screen*
Please direct inquiries to:	**NOAA Office of Ocean Exploration & Research** **1315 East-West Highway (SSMC3 10th Floor)** **Silver Spring, MD 20910** **(301) 734-1014**

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