

NOAA PISCES Cruise Leg4 Daily Report

Period covered: 2300 hrs 10/1/2010- 2300 hrs 10/2/2010

Vessel science party:

Name	Position	Email/Phone
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David Finlayson, Ph.D.	Acoustic team lead	
Roberta Hansman, Ph.D.	CTD team lead	
Ken Feldman	Camera Sled	
Erik Quiroz	Chemistry Technician	
John Nugent	NRDA Rep	
Ahnnie Lee	Data Manager	
Kevin Mouyard	Water Sampler	
Whitney Williams	Water Sampler	
Mary White	Water Sampler	
Laughlin Sicheloff	Water Sampler	
David Newman	GCMS Tech	
Michelle Page	GCMS Tech	
Sam Waltman	Entrix Representative	
LT Liz Crapo	Blogger	

Cruise notes: The red sediment layer collected previously was analyzed by GC/MS and did not contain any PAH compounds identifiable using the shipboard GC/MS method.

Daily Operations:

Data Collection	Collected (Y/N)?	Comment
CTD Casts	Y	
Fluorometry	Y	
Dissolved Oxygen	Y	
Methane	Y	
Sampling – TPH	Y	
Sampling – VOA	Y	
GCMS	N	
Coring	N	
GCMS	N	
Sampling – TPH	N	
Acoustics	N	
Camera Tow	Y	
Other:		

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Science results and preliminary interpretations: (please attach any figures/images at end of document)

CTD Sampling Stations: Fluorometry and Dissolved Oxygen preliminary results

StationID	Comments
DW-24-PC	Slight Anomaly
DW-27-PC	Slight Anomaly
DW-55-PC	Slight Anomaly
DW-04-PC	
MW-07-PC	
MW-08-PC	
MW-09-PC	
SW-07-PC	

Deep water sites continue to display minor aquatracka anomalies, and water samples are being collected at each site for hydrocarbon analysis.

Core Sampling: Preliminary Appearance

Station ID	Lat	Lon	Visible Oil	GCMS Sampling?	Comment

cbsf: centimeters below sea floor

Acoustic Surveys

None conducted

Tow Sled

Tow sled operation conducted East of well head. Collected ~1700 images. No obvious signs of oiled sediment.

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Other Observations

Operational / Logistical issues:

Planned activities for next 24 hours:

We plan to work north and complete the CTD grid tomorrow night, and then head in.