

NOAA PISCES Cruise Leg4 Daily Report

Period covered: 2300 hrs 09/29/2010- 2300 hrs 09/30/2010

Vessel science party:

Name	Position	Email/Phone
David Valentine, Ph.D.	Chief Scientist	valentine@geol.ucsb.edu 805-729-5431
JP Walsh, Ph.D.	Sediment team lead	
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 Siceloff	Water Sampler	
David Newman	GCMS Tech	
Michelle Page	GCMS Tech	
Sam Waltman	Entrix Representative	
LT Liz Crapo	Blogger	

Cruise notes:

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	N	
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
MW-03-PC	Shallow
MW-04-PC	Shallow
SW-01-PC	Shallow
SW-58-PC	Shallow
MW-06-PC	Shallow
MW-05-PC	Shallow
DW-03-PC	Shallow
DW-26-PC	Deep
DW-17-PC	Deep
DW-06-PC	Deep
DW-09-PC	Deep
DW-15-PC	Deep
DW-19-PC	Deep

Several of the deep sites displayed aquatracka and oxygen anomalies. 3-6 oil samples collected at each station.

Core Sampling: Preliminary Appearance

Station ID	Lat	Lon	Visible Oil	GCMS Sampling?

cbsf: centimeters below sea floor

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Acoustic Surveys

None conducted

Tow Sled

No tow sled operation conducted

Other Observations

Operational / Logistical issues:

Planned activities for next 24 hours:

Overnight we plan a camera tow sled operation to the southwest of the well head, followed by additional CTD casts in the vicinity of the well head.