

Daily Report Cruise 1

September 16, 2010

1. Objective: This is the first cruise (shake down cruise) of the R/V Gyre using the Mega Corer (12 core capacity per drop). The team will attempt to establish work flow and sampling techniques. Our first cast will take place at a Far Field (FF) sample site that will subsequently be sampled on a later mission.
2. Station ID: FF-C1
3. Lat: 28.05944  
Lon: 90.24889
5. Time: 16:07
6. Sample nomenclature:

Sample Type(sediment or overlaying water) – Date – Ship And Cruise Number – Site ID  
– Analysis Type – Unique Identifier

7. LBNL Sampling Team: Hearn Tidwell and Julian Fortney
8. Location Notes: 2 cast were attempted.

Cast 1: No cores came up in the sleeves. The mechanism that cuts and holds the cores in their sleeves did not engage. Rods holding the box housing to the frame were greased with silicone

Cast 2: 11 cores recovered

9. LBNL samples:

Core number 6:

Sample ID	Sample Type	Volume	Storage
SD-20100916-GY01-FFC1-BC-001	Intact core	NA	-80C
SU-20100916-GY01-FFC1-BC-001	DNA Filter	500ml	-80C
SU-20100916-GY01-FFC1-BC-004	AODC	20ml	4C

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Core number 7:

Sample ID	Sample Type	Volume	Storage
SU-20100916-GY01-FFC1-BC-007	SIP	125	4C
SU-20100916-GY01-FFC1-BC-0010	VOA	40ml	4C
SU-20100916-GY01-FFC1-BC-014	Nutrients	100ml	-80C

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