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February 29, 2012

Deepwater Horizon Trustees  
RE: January Monthly Report on Joint NRD Activities

Dear Trustees:

Find attached the January 2012 Deepwater Horizon monthly NRD cooperative report. This report is provided to identify pending actions, ensure timely agreement on matters of concern to the Trustees and BP, and provide for a month look ahead in field activity planning. Information presented here is accurate to the best of our knowledge, but this document may contain inadvertent errors.

As we begin our data compilation and reporting efforts, we note that many work plans are not fully executed, even though associated field activities are complete. Nineteen work plans for which field work is complete have not been fully executed; seven are in the NOAA and BP signature process; and twenty work plans are waiting for additional Trustee signatures.

Next month, BP will provide an update on the status of QA/QC activities for the cooperative NRD plans as an attachment to the Monthly Activity Report.

Please let us know if you would like to discuss any of the comments or status of the ongoing cooperative NRD program. We also request that this Monthly Activity Report be placed into the Deepwater Horizon Administrative Record.

Regards,

Robin Bullock  
Director, Natural Resources Damages and Environmental Science  
BP Gulf Coast Restoration Organization

## Deepwater Horizon Incident Monthly Report January 2012

### Safety

- No key safety issues were raised during January, but as we continue in the winter, our field efforts will be impacted by rough seas and cold temperatures, so precautions will need to be taken to ensure safe operations.

### Key Decisions in January

- **Birds:** BP will fund an independent third party (yet to be identified) to facilitate Trustees' cooperative QA of the field data collected for birds.
- **Birds:** Trustees have agreed to provide datasets related to Trustee independent data collection efforts (2011 Colonial Waterbird Photographic Census, Piping Plover Study, and Breeding Shorebird Supplement) in exchange for funding.
- **Emergency Restoration:** The Emergency Restoration Plan for Response Impacts to Seagrasses in Northern Gulf of Mexico was fully executed on January 18, 2012.
- **Human Use:** The Aerial Imagery Cooperative Work Plan Addendum, extending the plan through March 31, 2012, was fully executed on January 13, 2012.
- **Toxicity:** On January 17, 2012, NOAA declined to participate in a cooperative study with BP on evaluating toxicity of single-PAH analytes.

### Pending Decisions as of January 31, 2012

- **Birds:** The Trustees and BP need to define and agree upon approach, procedure, and independent third party to conduct Quality Assurance on the remaining bird data bases.
- **Deepwater Benthic Communities:** Trustees are requesting that BP reimburse for the costs of collecting tissue and sediment samples during the BOEMRE *Ron Brown Lophelia II* study in October 2010. M.E. Rolle of NOAA will provide information to BP on the costs that were incurred for data collection for consideration.
- **Deepwater Benthic Communities:** Macrofauna data from selected cores (of 9 total cores) from 71 softbottom sediment OSAT sampling locations were provided to BP and the Trustees. Discussions are proposed for prioritizing the analysis of the remaining samples identified in the Softbottom Sediment Sampling Plan and for bringing on additional labs for increasing throughput.
- **Fish:** The Oyster Transition Amendment 2 is in review; however, field work is complete.
- **Fish:** Trustees and BP to discuss scope and timing of the Mississippi blue crab Phase II sorting and identification analysis.
- **Fish:** The NRDA Sargassum Sample Processing Plan was submitted to BP for review on November 1, 2011, and BP provided comments in December 2011. A revised draft will incorporate language from the signed NRDA Plankton Processing Plan.
- **Water Column/Plankton:** The Trustees provided the initial draft of the Image Data Processing Plan: Holocam, DAVPR, VPRII on December 1, 2011, and BP provided comments to the Trustees on January 18, 2012.
- **Water Column/Plankton:** An addendum to the NRDA Plankton Processing Plan – Analysis of Zooplankton was submitted to the Trustees on January 18, 2012. The addendum is for the addition of Dr. Julie Keister's University of Washington laboratory to the plan in order to increase lab capacity and expedite sampling processing.
- **Toxicology:** For deepwater sediment core *Leptocheirus* toxicology study, there is a need to

receive sediment grain size distribution and ToC data from NOAA that enable finalization and validation of the study reports.

### Data Management as of January 31, 2011

- **Birds:** BP believes the exchange of cooperatively collected data is materially complete with the exception of information held by the Trustees related to analyses of blood samples, NPS osprey nesting data, and Chain of Custody for blood and carcasses. Cooperative QA of certain data sets is underway but not finalized.
- **Deepwater Benthic Communities:** The Trustees provided the 2010 Tier 1 Deepwater Communities Study video and photo files as well as fish counts and a synopsis of the results from Leg 2 (mesophotic reefs) of that study. Historical fish count data from 1997-2005 has been committed, but has not yet been received by BP.
- **Deepwater Benthic Communities:** Focused discussions of photo/video data QA began and a path forward for validation of cooperative datasets is continuing.
- **Deepwater Benthic Communities:** BP and the Trustees will submit a joint request for video data from the West Florida Shelf mesophotic reefs from NOAA. BP prepared a draft request and provided it to the Trustees for review and forwarding.
- **Human Use:** Exchange of aerial imagery data pursuant to the first Aerial Imagery Cooperative Plan is scheduled to be complete in January 2012. The first set of data was transferred on January 16, 2012, and the second set was transferred January 31, 2012.
- **Nearshore Sediment and Water:** BP/Cardno ENTRIX provided concurrence on a draft Data Entry and Validation Protocol submitted by Trustees for entering/authenticating observational data collected as part of the LDEQ Sediment and Water Baseline and Preassessment Studies. The Trustees then provided BP/Cardno ENTRIX with a spreadsheet of tabularized observational data for verification. A review was conducted and results reported back to Trustees on December 13, 2011.
- **Marine Mammals & Turtles:** Data sharing and laboratory analysis language continue to be developed for incorporation into several work plans. Inquiries are still being made into redactions seen in turtle nesting observation sheets. Sargassum response data continues to be requested as well as UME data. Data from the dolphin live capture health assessments is being received by BP periodically via noaa.nrda.
- **Shoreline:** All analytical data from Fall 2011 and partial data from Spring 2011 marsh assessment surveys are still pending. LIDAR imagery and data was sent to BP at the end of December.
- **Water Column:** Trustees and BP will compare post-processing methods for CTD/fluorometry data with the intent of developing a common post-processing SOP and consensus QAed dataset for all cooperative and independent offshore water column studies.
- **Water Column/Plankton:** Final data sharing and laboratory QA/QC language was agreed to and inserted into the NRDA Plankton Processing Plan – Analysis of Zooplankton Samples.

### Trustee Council/BP Communications in January 2012

- **Early Restoration:** The Trustees had several public meetings to discuss the Draft Early Restoration Plan and Environmental Assessment in January 2012, which BP representatives attended.
- **Marine Mammals and Turtles:** On December 23, 2011, NOAA presented a new proposed joint plan for photoidentification of coastal dolphins in Alabama. Discussions have taken place concerning the scope of this plan and both BP and Trustees are evaluating options.
- **Fish (Oysters):** Request sent to Trustee representatives for data/QA meeting; response received but no meeting time established.
- **NOAA Request for Response:** Provided response to NOAA request concerning use of Mr. Grabe on December 12, 2011.

- **Forward Funding Requests:** BP requested clarification on the Trustee funding request for economics assessment costs on January 12, 2012. The Trustees provided additional information on January 15 and January 31, 2012. Discussions continue on this request.
- **Stipulations:** BP provided to the Trustees signed stipulations for LSU, GRI, and CAS.

### Planned February 2012 Field Activities

- **Birds:** None planned.
- **Deepwater Benthic Communities:** None planned.
- **Fish (Oysters):** None planned.
- **Fish:** None planned.
- **Human Use:** Cooperative Aerial Imagery will continue in February pursuant to the executed plan addendum, valid through March 31, 2012.
- **Marine Mammals & Turtles:** Turtle and dolphin prey sampling began October 7, 2011, and is continuing intermittently due to weather conditions. Aerial surveys for distribution and abundance of oceanic marine mammals and turtles resumed in January 2012. Photo ID and remote biopsy collection for dolphins resumed in January 2012 and will continue until March 2012. Discussions about appropriate data sharing provisions and development of plans for laboratory analyses are ongoing.
- **Water Column:** None planned.

## Joint Work Plans Signed in January 2012

TWG	Plan	Signature Date		Comments
		NOAA/USFWS	BP	
<b>Fish</b>	Sargassum Injury Assessment: Sargassum Mapping Using Remote Sensing	1/5/2012	1/10/2012	
<b>Nearshore</b>	Blue Crab Megalopae Study in Mississippi Phase II	1/25/2012 (MS)	1/27/2012	
<b>Shoreline</b>	Addendum for the States of Mississippi and Alabama to the Sampling and Monitoring Plan for the Assessment of MC252 Oil Impacts to Coastal Wetland Vegetation in the Gulf of Mexico	11/9/2011 (DOI)	1/26/2012	
<b>Water Column - Plankton</b>	Plankton Processing Plan – Analysis of Zooplankton Samples	1/9/2012	1/10/2012	
<b>Water Column - Plankton</b>	Addendum - NRDA Spring 2011 1-meter MOCNESS Plankton Sampling Plan	1/27/2012	1/29/2012	
<b>Water Column - Plankton</b>	Summer 2011 1-meter MOCNESS Plankton Sampling Cruise Plan	1/13/2012	1/15/2012	
<b>Water Column - Plankton</b>	Summer 2011 Plankton Imaging Cruise Plan ISIS - McArthur II	6/27/2011	1/20/2012	
<b>SAV – Emergency Restoration</b>	MC 252/DWH Emergency Restoration Plan For Response Impacts to Seagrasses in Northern Gulf of Mexico	1/11/2012	1/18/2012	
<b>Human Use</b>	Human Use Aerial Imagery Work Plan - Addendum	1/6/2012	1/13/2012	

<b>Data Summary Reports Transmitted to Date (as of January 31, 2012)</b>				
<b>DSR Number</b>	<b>DSR Short Title</b>	<b>Transmittal Date</b>	<b>Comments</b>	<b>Outstanding Data Issues</b>
<b>DSR 002</b>	Estimating Mortality of Birds Using Beach Bird Surveys	1/13/2012		
<b>DSR 068</b>	Oyster Sampling Plan - Phase I	1/23/2012		
<b>DSR 080</b>	Shoreline/Vegetation NRDA Pre-Assessment	1/13/2012		
<b>DSR 134</b>	Water Column Profiling to Measure Dissolved Phase – Jack Fitz 1	10/16/2011		
<b>DSR 149</b>	Water Column Ephemeral Data – HOS Davis 3	1/13/2012		
<b>DSR 157</b>	Deep Benthic Sediment Sampling – Soft Sediment Plan	1/13/2012		

Joint Work Plans Under Revision/Awaiting Signature (January 2012)				
TWG	Plan	Signature Date		Comments
		NOAA/USFWS	BP	
<b>Aerial Imagery</b>	Aerial Photography Overflights			Spring aerial imagery acquisition is complete. Fall aerial imagery acquisition is complete.
<b>Aerial Imagery Work Plan</b>	Original draft submitted as a comprehensive work plan intended to describe the scope of airborne and spaceborne imagery acquisition, mapping interpretation, and analysis.			Revised draft developed that provides only for mapping of feature primitives (e.g., land-water interface; habitat maps for marsh, SAV, flats, beaches) and basic change detection. Interpretation and analysis components of original draft have been tabled.
<b>Birds</b>	Quality Assurance/Quality Control			Draft work plan provided by Trustees on 11/18/2011. BP is reviewing.
<b>Deepwater Benthic Communities</b>	Deepwater Coral SPMD Deployment Plan	Pending	7/9/2010	Awaiting Trustee signature based on BP comments and signature page provided to Trustees on 7/9/2010. Field work is complete.
<b>Deepwater Benthic Communities</b>	Deepwater Corals ROV Hardground Survey			BP provided comments and detailed description of PI report contents on 1/4/12. Field work is complete.

<b>Joint Work Plans Under Revision/Awaiting Signature (January 2012)</b>				
<b>TWG</b>	<b>Plan</b>	<b>Signature Date</b>		<b>Comments</b>
		<b>NOAA/USFWS</b>	<b>BP</b>	
<b>Deepwater Benthic Communities</b>	HOS Sweetwater 4 and 6 – ROV Sediment and Water Sampling Plan - Addendum			BP provided comments on the addendum for revised sampling dates and sheen on 12/15/11. Field work is complete.
<b>Deepwater Benthic Communities</b>	Mesophotic Reef Study			BP provided comments to the Trustees on 10/14/2011. Field work is complete.
<b>Deepwater Benthic Communities</b>	Red Crab Study			BP commented on initial draft scope of work on 7/11/2011. BP received draft study plan from Trustees on 7/26/2011; the cruise departed 7/27/2011 and is complete. BP provided operations-targeted comments on 7/27/2011; more detailed comments in preparation.
<b>Deepwater Benthic Communities – Analysis Plan</b>	ROV Megafauna/Megaplankton Consolidated Analysis Plan			Trustees provided preliminary comments on this plan on 12/15/11. BP to revise the study plan based on the feedback.
<b>Deepwater Benthic Communities</b>	Red Crab Data and Sample Analysis Plan			BP requested a cooperative analysis plan on 7/27/2011.



## Joint Work Plans Under Revision/Awaiting Signature (January 2012)

TWG	Plan	Signature Date		Comments
		NOAA/USFWS	BP	
<b>Deepwater Benthic Communities</b>	SPI Survey Addendum #1			BP sent the Trustees on 10/25/2011 a no-cost addendum that addresses the removal of the water column data collection and adds one day to the study. Field work is complete.
<b>Deepwater Benthic Communities</b>	SPI Survey Addendum #2			Trustees received draft on 10/25/2011. Second round of comments completed and sent to the Trustees on 11/29/2011. Plan should be ready for signature process, pending Trustee agreement of last round of comments. Field work is complete.
<b>Deepwater Benthic Communities /Water Column – Seeps</b>	Natural Hydrocarbon Seep Study Plan – Leg 1			BP provided revised study plan to Trustees December 2, 2011, awaiting comments back to finalize the plan. Field work is complete.
<b>Deepwater Benthic Communities /Water Column – Seeps</b>	Natural Hydrocarbon Seep Study Plan – Leg 2			BP provided revised study plan to Trustees December 6, 2011, awaiting comments back to finalize the plan. Field work is complete.

<b>Joint Work Plans Under Revision/Awaiting Signature (January 2012)</b>				
<b>TWG</b>	<b>Plan</b>	<b>Signature Date</b>		<b>Comments</b>
		<b>NOAA/USFWS</b>	<b>BP</b>	
<b>Deepwater Benthic Communities</b>	Seeps Plan Microbial Water and Sediment Core Processing SOP Addendum			Trustees provided comments on the addendum on 12/16/11. BP met with Trustee reviewers to discuss the remaining issues. BP is revising the comments based on this discussion.
<b>Deepwater Benthic Communities</b>	Coral Aging Plan			BP sent revised comments to the Trustees 12/14/11. Trustees agree with the revisions and will forward the plan for signature.
<b>Fish</b>	Gulf Sturgeon - Year 2 NRDA Assessment - Fall 2011 & Spring 2012			BP provided second round of comments on 9/20/2011.
<b>Fish</b>	Transition Oyster Sampling Plan Amendment 2			BP received the draft plan for review and comment on 10/28/2011. Field work is complete.
<b>Fish</b>	NRDA Sargassum Sample Processing Plan			BP received the draft plan on 11/1/2011 and provided comments in 12/2011.
<b>Marine Mammals &amp; Turtles</b>	Dry Tortuga MARU and HARP Recovery & Servicing Mission July 11-13, 2011			Field work is complete.
<b>Marine Mammals &amp; Turtles – Analysis Plan</b>	2011 Addendum 2 - Budget Increase Assessment of Juvenile Sea Turtles in Sargassum Communities			Final addendum has not yet been made available for review.

## Joint Work Plans Under Revision/Awaiting Signature (January 2012)

TWG	Plan	Signature Date		Comments
		NOAA/USFWS	BP	
<b>Marine Mammals &amp; Turtles</b>	Addendum to Sargassum Turtle Plan for Organizing and Linking Sea Turtle Data Sets Gathered During Response and Assessment Efforts for the MC252 Deep Water Horizon Oil Spill			BP provided comments in late April 2011. This proposal appears to have been pulled from the cooperative process due to response data sharing issues.
<b>Marine Mammals &amp; Turtles</b>	Post Release Monitoring and Tracking Loggerhead Turtles			Trustees revising draft plan as agreed by email on 10/21/2010. Field work is complete.
<b>Marine Mammals &amp; Turtles</b>	Investigation of Marine Mammal Morbidity and Mortality through Active Surveillance for Strandings			BP received revised draft on 5/27/2011. Discussions over future scope of work and data exchange are ongoing.
<b>Marine Mammals &amp; Turtles</b>	Assessing Potential Sublethal and Chronic Health Impacts from the Mississippi Canyon 252 Oil Spill on Coastal and Estuarine Bottlenose Dolphins: Addendum			BP received revised draft on 1/30/2012. Final revisions in progress. Expected signature February 2012.
<b>Marine Mammals &amp; Turtles</b>	Genetic Analysis of Stock Structure, Species Identification and Sex Determination for Marine Mammal Biopsies and Strandings: ADDENDUM			BP received revised draft on 1/17/2012. Final revisions in progress. Expected signature February 2012.
<b>Marine Mammals &amp; Turtles</b>	Analysis of Marine Mammal Tissue Samples Collected Pursuant to the Deepwater Horizon Mississippi Canyon 252 Oil Spill			BP received revised draft on 1/07/2012. Final revisions in progress. Expected signature February 2012.

Joint Work Plans Under Revision/Awaiting Signature (January 2012)				
TWG	Plan	Signature Date		Comments
		NOAA/USFWS	BP	
<b>Marine Mammals &amp; Turtles</b>	Nearshore Cetacean & Sea Turtle Prey Item Sampling Plan: Addendum to Update Target Species List			BP received draft on 1/10/2012. Final revisions in progress. Expected signature February 2012.
<b>Nearshore</b>	Blue Crab Megalopae Study in Mississippi Phase I			Approved by BP for signature in September 2011. Field work for whole crab collection will continue through Spring 2012.
<b>Nearshore Benthic</b>	Submerged Oil Plan 2011 – Addendum 1 - Sediment Sampling with Vibracorer			BP received this plan on 10/27/2011. The Trustees have not provided data results to support the justification or need for this plan.
<b>SAV</b>	Tier 2 Plan (PEMD Monitoring, Rapid Assessment, Submerged Oil Sentinel Monitoring, Pre-Assessment Low Altitude Aerial Photography of Seagrass Beds)	1/19/2012		Final comments submitted to Trustees and resolved 12/7/2011. Trustees commenced signature process on 12/8/2011. Trustees submitted signed plan to BP on 1/19/2012.
<b>SAV</b>	Tier 2 Pre-Assessment Low Altitude Aerial Photography of the Seagrass Beds of Southeastern Louisiana and Coastal Mississippi			9/27/2010 draft under review by BP. Field work is complete.
<b>SAV</b>	Tier 3 Plan			Trustees revising plan to address prior BP comments and to include Fall 2011 Signature Verification Addendum. Field work is complete.

<b>Joint Work Plans Under Revision/Awaiting Signature (January 2012)</b>				
<b>TWG</b>	<b>Plan</b>	<b>Signature Date</b>		<b>Comments</b>
		<b>NOAA/USFWS</b>	<b>BP</b>	
<b>Shoreline</b>	Work Plan for Impacts to Marsh Fiddler Crabs and Periwinkles along the Gulf of Mexico			Trustees proposed plan to BP on 9/16/2011. Field work is complete. BP provided comments to Trustees on 1/27/2012.
<b>Shoreline</b>	North Barataria Bay Addendum to the Monitoring Plan for Coastal Vegetation			Trustees submitted revised plan to BP on 1/13/2012. Field work is complete.
<b>Shoreline</b>	Coastal Wetland Vegetation Elevation survey - Addendum to the Monitoring Plan			Trustees requested BP participation on 1/26/2012. Trustees submitted draft plan to BP for review on 1/27/2012.
<b>Water Column</b>	December Cooperative Cruise- (NOAA/BP-CardnoENTRIX NRDA Cooperative Deep Tow Cruise 2/December 2010 Arctic-HOS Davis 5-Sarah Bordelon Cruise)	Original Signature Page 12/17/2010	Amended Signature Page 3/26/2011	Signature Page was revised after Trustee signed. BP requested Trustees re-sign in March 2011 so all signatures are on one sheet. Awaiting new Trustee signature.
<b>Water Column</b>	NRDA UV Radiation Sampling Plan - October 2010 Cruise Plan			In July 2011, it was determined that this plan, while agreed to, was never signed. On 7/12/2011, BP requested the Trustees to start the signature process. Field work is complete.
<b>Water Column - Plankton</b>	Plankton Sampling Plan – Fall 2010 Shakedown Cruise 1 – Nick Skansi			Trustees reviewing revised plan provided 2/8/2011. Field work is complete.

<b>Joint Work Plans Under Revision/Awaiting Signature (January 2012)</b>				
<b>TWG</b>	<b>Plan</b>	<b>Signature Date</b>		<b>Comments</b>
		<b>NOAA/USFWS</b>	<b>BP</b>	
<b>Water Column - Plankton</b>	Plankton Sampling Plan – Fall 2010 Shakedown Cruise 2 – Nick Skansi			Trustees reviewing revised plan provided on 2/8/2011. Field work is complete.
<b>Water Column - Plankton</b>	Plankton Sampling Plan – Fall 2010 Cruise 3 – Nick Skansi			Trustees reviewing revised plan provided 1/11/2011. Field work is complete.
<b>Water Column – Plankton</b>	Plankton Sampling Plan – Fall 2010 Cruise 4 – Nick Skansi			Trustees reviewing revised plan provided 1/11/2011. Field work is complete.
<b>Water Column - Plankton</b>	Image Data Processing Plan: Holocam, DAVPR, VPRII			Trustees provided draft for review on 12/1/2011; BP provided comments on 1/18/2012.

<b>Joint Work Plans Awaiting Louisiana Signature (January 2012)</b>			
<b>TWG</b>	<b>Plan</b>	<b>Date NOAA/USFWS Submitted to Louisiana</b>	<b>Comments</b>
<b>Birds</b>	Carcass Persistence Study	6/12/2011	Field work is complete.
<b>Birds</b>	Colonial Waterbird (CWB) Extension 2 (BRPE and GREG satellite telemetry)	7/29/2011	Satellite data collection in progress.
<b>Birds</b>	Osprey Rapid Assessment	11/1/2010	Awaiting DOI and LA signatures. Field work is complete.
<b>Birds</b>	Raptor – Osprey Rapid Assessment Addendum – Bird Study #9	4/27/2011	Field work is complete.
<b>Birds</b>	Using Radio Telemetry to Determine the Fates of Bird Carcasses Drifting in NGOM	7/15/2011	Field work is complete.
<b>Corals</b>	Shallow-water Coral Tier 1 Plan Addendum	5/17/2011	Field work is complete.
<b>Deepwater Benthic Communities</b>	HOS Sweetwater ROV Sediment Sampling Study	3/23/2011	Field work is complete.
<b>Deepwater Benthic Communities</b>	Sediment Profile Imaging (SPI) Study Plan	4/6/2011	Field work is complete.
<b>Fish</b>	Assessment Plan for Sargassum Communities and Associated Fauna in the Northern GoM: Addendum	10/29/2011	Field work is complete.
<b>Fish</b>	Sargassum Injury Assessment: Sargassum Mapping Using Remote Sensing	1/10/2012	Field work is complete.
<b>Marine Mammals &amp; Turtles</b>	Addendum February 2011 ADCP Maintenance and HARP Recovery Plan	3/18/2011	Field work is complete.
<b>Marine Mammals &amp; Turtles</b>	Genetic Analysis of Stock Structure, Species Identification and Sex Determination for Marine Mammal Biopsies and Strandings	7/29/2011	Laboratory analyses received initially in January 2012.
<b>Marine Mammals &amp; Turtles</b>	Spatial Distribution (Aerial) Marine Mammal and Turtles 2011	1/30/2011	Aerial surveys in progress.

<b>Joint Work Plans Awaiting Louisiana Signature (January 2012)</b>			
<b>TWG</b>	<b>Plan</b>	<b>Date NOAA/USFWS Submitted to Louisiana</b>	<b>Comments</b>
<b>Nearshore</b>	Blue Crab Megalopae Study in Mississippi	1/30/2012	Laboratory analysis plan.
<b>Water Column</b>	HOS Davis Cruise 3 Addendum	12/4/2010	Field work is complete.
<b>Water Column - Plankton</b>	NRDA 1-meter MOCNESS Spring 2011 Plankton Sampling Plan	7/19/2011	Field work is complete.
<b>Water Column - Plankton</b>	Addendum - NRDA 1-meter MOCNESS Spring 2011 Plankton Sampling Plan	1/30/2012	Field work is complete.
<b>Water Column - Plankton</b>	Plankton Processing Plan – Analysis of Zooplankton Samples	1/10/2012	Laboratory analysis in progress.
<b>Water Column - Plankton</b>	Summer 2011 1-meter MOCNESS Plankton Sampling Cruise Plan	1/15/2012	Field work is complete.
<b>Water Column - Plankton</b>	Summer 2011 Plankton Imaging Cruise Plan ISIS - McArthur II	1/20/2012	Field work is complete.