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April 5, 2012

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

Dear Trustees:

Find attached the February 2012 Deepwater Horizon monthly NRD cooperative report, which now includes a section on Cooperative QA status. 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. Thirty-four work plans for which field work is started or complete but are under revisions/awaiting signature (eleven under BP review and twenty-three under Trustee review); and twenty-six work plans are waiting for additional Trustee (Louisiana) signatures.

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  
February 2012**

**Safety**

- No key safety issues were raised.

**Key Decisions in February**

- **Fish:** TWG decision made to proceed with ovigorous blue crab collection in Florida as the control group for the blue crab study.

**Pending Decisions as of February 29, 2012**

- **Birds:** On February 28, the Trustees requested funding for analysis of 2011 photographic colonial waterbird census data. BP is reviewing this request for participation and funding.
- **Deepwater Benthic Communities:** Trustees on the DWBC TWG have agreed in principle that Gil Rowe's lab (TAMU-G) would be appropriate for identifying infauna to the species level, particularly polychaetes, pending final Trustee legal approval. Trustees are also open to sending non-priority OSAT cores to additional labs (e.g., Rowe or Vittor) for infauna taxonomy, pending final Trustee legal approval.
- **Fish:** The Oyster Transition Amendment 2 is in review, field work is complete.
- **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.
- **Marine Mammals and Turtles:** On December 23, 2011, NOAA presented a new proposed joint plan for photo identification of coastal dolphins in Alabama. BP responded that the original scope of work was overly broad and recommended discussing a revised project scope. Trustee response is pending.
- **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:** The Trustees provided the initial draft of the Image Data Processing Plan: SIPPER on February 22, 2012, and the plan is currently in review with BP/Cardno ENTRIX.
- **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. The Trustees have discussed the plan internally but have not provided written comments on the addendum to date.

**Data Management as of February 29, 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 and chain of custody for blood and carcasses. Cooperative QA of one data set is underway but not finalized.
- **Birds:** BP has requested but not received pre-spill Osprey nesting data collected by NPS.
- **Water Column:** BP provided to the Trustees 180 pieces of high definition video of the well head from April to July 2010.
- **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 have been committed, but have not yet been received by BP.

- **Deepwater Benthic Communities:** BP and the Trustees submitted a joint request for video data from the West Florida Shelf mesophotic reefs from NOAA.
- **Deepwater Benthic Communities:** TOC data and some grain size data from the Sarah Bordelon 9 Cooperative Deepwater Sediment Study provided as provisional (i.e., non-validated) data. TOC and grain size data are not from toxicity cores, but from adjacent cores.
- **Deepwater Benthic Communities:** Data and preliminary toxicity report from the Sarah Bordelon 9 Cooperative Deepwater Sediment Study shared with the Trustees.
- **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 for Padre Island nesting data. Sargassum data subject to the NOAA organization plan has been deemed non-cooperative and not available to BP at this time. 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 2011.

### Cooperative QA Status as of February 29, 2012

- **Birds:** Cooperative QA discussions have been ongoing. The Beached Bird Survey Searcher Efficiency Data set has undergone initial cooperative QA. A meeting to resolve discrepancies is scheduled for March 12, 2012. BP has requested cooperative QA of all other avian databases. Trustees verbally requested that BP fund a joint contractor to handle the QA for the Trustees. BP agreed to fund a joint contractor and offered to assist the Trustees in identifying the approach and potential contractor. BP awaits Trustee response to initiate further work on cooperative QA.
- **SAV:** No discussion regarding cooperative QA has been initiated.
- **Fish:** Discussion of cooperative QA has been initiated. NOAA has informed Cardno ENTRIX that a validation SOP specific to Fish TWG is being drafted. BP expects to receive a copy of this draft for review once complete.
- **Oyster:** Discussion regarding cooperative QA has been initiated, though no cooperative QA procedure has yet been established. This is a primary topic for the TWG call scheduled for the first week of March 2012.
- **Deepwater Benthic Communities:** Cooperative photo/video data QA and validation is underway.
- **Shoreline:** Discussion regarding cooperative QA has been initiated. BP proposed progression towards cooperative datasets. It has been mentioned on cooperative TWG calls since then, but no progress has been made.
- **Water Column:** Discussion regarding cooperative QA has been initiated, and the Trustees and BP are developing a cooperative post-processing plan ("NRDA CTD Processing Plan") for CTD/fluorometry data to establish a common post-processing SOP and consensus QA'd dataset for all cooperative and independent offshore water column studies.
- **Water Column/Plankton:** A cooperative QA process has been established. Sample processing and QA is ongoing under the cooperative NRDA Plankton Processing Plan – Analysis of Zooplankton; progress reports will be provided quarterly.
- **Marine Mammals and Turtles:** No discussion regarding cooperative QA has been initiated.

### Trustee Council/BP Communications in February 2012

- **Fish (Oysters):** Working group joint call postponed from end of February to beginning of March.
- **Forward Funding Requests:** BP responded to the Trustees' economics funding presentment letter on February 8, 2012.

- **February 9, 2012 DOI End of Year Avian Reports:** BP appreciates receipt of the year end reports and provided some initial comments.
- **February 13, 2012 DOI Assessment Cost Letter:** BP is reviewing DOI's request for assessment funding.
- **Trustee Relocation:** The Trustees relocated from the BP New Orleans office and are now housed at 837 Gravier Street, Suite 214, New Orleans, Louisiana, 70112.
- **February 26, 2012 BP's Second Year NRD Communications:** As a means of transparent communications, BP provided to the Trustees BP's second year report on NRD.
- **February 24, 2012 Lepto Toxicity Data:** BP provided the leptochirus toxicity data to the Trustees.
- **February 16, 2012 Set Aside Letter:** BP provided a letter to the FOSC stating that the set asides were unnecessary for the purposes of NRD, and that if any area required cleanup, that BP's position was to complete the cleanup of recoverable oil and we would not support further delay of our collective ability to complete response.
- **February 14, 2012 Early Restoration Letter:** BP provided comment to the early restoration project proposals and associated write-up.
- **February 22, 2012 Plankton Baseline:** BP provided a summary of plankton baseline information from the Gulf of Mexico based on the SEAMAP dataset.

### Planned March 2012 Field Activities

- **Birds:** None planned.
- **Deepwater Benthic Communities:** None planned.
- **Fish (Oysters):** No cooperative activities planned.
- **Fish:** Blue Crab collections to take place in Florida (Tampa Bay) starting March 14, 2012.
- **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 continues intermittently due to weather conditions. Aerial surveys for distribution and abundance of oceanic marine mammals and turtles will continue through March 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 several plans for laboratory analyses are ongoing.
- **Water Column:** None planned.

Joint Work Plans Signed in February 2012				
TWG	Plan	Signature Date		Comments
		NOAA/USFWS	BP	
<b>Deepwater Benthic Communities</b>	NRDA Tier 1 for Deepwater Communities – Addendum Plan for Coral Aging	2/2/2012	2/6/2012	
<b>Fish</b>	Sargassum Injury Assessment: Sargassum Mapping Using Remote Sensing February 28, 2012	2/28/2012	2/28/2012	
<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	2/28/2012	2/28/2012	
<b>SAV</b>	Tier 2 Pre-Assessment Low Altitude Aerial Photography of the Seagrass Beds of Southeastern Louisiana and Coastal Mississippi	1/19/2012	2/6/2012	
<b>Water Column</b>	NRDA UV Radiation Sampling Plan - October 2010 Cruise Plan	1/27/2012	2/3/2012	

Data Summary Reports Transmitted to Date (as of February 2012)				
DSR Number	DSR Short Title	Transmittal Date	Comments	Outstanding Data Issues
<b>DSR 002</b>	Estimating Mortality of Birds Using Beach Bird Surveys	1/13/2012		
<b>DSR 005</b>	Detection Probability (Searcher Efficiency) (Bird Study 1B)	2/6/2012		
<b>DSR 006</b>	Carcass Persistence Pilot Study (Bird Study 1C)	2/6/2012		

<b>DSR 007</b>	Using Radio Telemetry to Determine the Fates of Bird Carcasses Drifting in the Northern GoM (Bird Study 1D)	2/6/2012		
<b>DSR 049</b>	Aerial Surveys for Assessing Marine Mammals and Sea Turtles in the Region of DWH	2/29/2012		
<b>DSR 068</b>	Oyster Sampling Plan - Phase I	1/23/2012		
<b>DSR 071</b>	SAV Tier 1 Pre-Assessment Plan Pre-Impact Baseline Characterization	2/29/2012		
<b>DSR 078</b>	Tier 2 Rapid Assessment and Tier 2 Submerged Oil Sentinel Monitoring Plan	2/29/2012		
<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 139</b>	Water Column Injury Ephemeral Data Collections: Deepwater Horizon Oil Spill (DWHOS) Plan for Adaptive Water Column NOAA-NRDA Sampling (PAWNNS) Cruise Plan – American Diver 2	2/6/2012		
<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 (February 2012)					
TWG	Plan	Signature Date		Comments	Status
		NOAA/USFWS	BP		
<b>Aerial Imagery</b>	Aerial Photography Overflights			Geographic scope of Spring 2012 aerial imagery acquisition is under review. Joint Trustee/BP consensus not yet reached.	BP Review
<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), inventory, use matrix, and quick-look evaluation. Interpretation and analysis components of original draft have been tabled.	BP Review
<b>Birds</b>	Quality Assurance/Quality Control			BP responded on February 9, 2012, with request for a more developed work plan.	Trustee Review
<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 July 9, 2010. Field work is complete.	Trustee Review
<b>Deepwater Benthic Communities</b>	Deepwater Corals ROV Hardground Survey			BP provided comments and detailed description of PI report contents on January 4, 2012. Field work is complete.	BP Review
<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 December 15, 2011. Field work is complete.	Trustee Review
<b>Deepwater Benthic Communities</b>	Mesophotic Reef Study			BP provided comments to the Trustees on October 14, 2011. Field work is complete.	Trustee Review
<b>Deepwater Benthic Communities</b>	Red Crab Study			BP received a draft study plan from Trustees on July 26, 2011 and is preparing detailed comments. Cruise is complete.	BP Review

Joint Work Plans Under Revision/Awaiting Signature (February 2012)					
TWG	Plan	Signature Date		Comments	Status
		NOAA/USFWS	BP		
<b>Deepwater Benthic Communities – Analysis Plan</b>	ROV Megafauna/ Megaplankton Consolidated Analysis Plan			Revised plan sent to Trustees February 25, 2012.	Trustee Review
<b>Deepwater Benthic Communities</b>	SPI Survey Addendum #1			BP sent the Trustees on October 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.	Trustee Review
<b>Deepwater Benthic Communities</b>	SPI Survey Addendum #2			Trustees received draft on October 25, 2011. Second round of comments completed and sent to the Trustees on November 29, 2011. Plan should be ready for signature process, pending Trustee agreement of last round of comments. Field work is complete.	Trustee Review
<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.	Trustee Review
<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.	Trustee Review
<b>Deepwater Benthic Communities</b>	Seeps Plan Microbial Water and Sediment Core Processing SOP Addendum			Trustees provided comments on the addendum on Decemb 26, 2011. BP met with Trustee reviewers to discuss the remaining issues. BP is revising the comments based on this discussion.	BP Review



Joint Work Plans Under Revision/Awaiting Signature (February 2012)					
TWG	Plan	Signature Date		Comments	Status
		NOAA/USFWS	BP		
<b>Fish</b>	Gulf Sturgeon - Year 2 NRDA Assessment - Fall 2011 & Spring 2012			BP provided second round of comments on September 20, 2011.	Trustee Review
<b>Fish</b>	Transition Oyster Sampling Plan Amendment 2			BP received the draft plan for review and comment on October 28, 2011. Field work is complete.	Trustee Review
<b>Fish</b>	NRDA Sargassum Sample Processing Plan			BP received the draft plan on November 1, 2011 and provided comments in December 2011.	Trustee Review
<b>Marine Mammals &amp; Turtles</b>	Dry Tortuga MARU and HARP Recovery & Servicing Mission July 11-13, 2011			Field work is complete.	Trustee Review
<b>Marine Mammals &amp; Turtles</b>	MC252 Deepwater Horizon Oil Spill MARU & HARPS Recovery February 20 – March 9 Mission Plan February 10, 2012				Trustee Review
<b>Marine Mammals &amp; Turtles</b>	Genetic Analysis of Stock Structure, Species Identification and Sex Determination for Marine Mammal Biopsies and Strandings: ADDENDUM	7/2/2011		BP received revised draft on January 17, 2012. Final revisions in progress. Expected signature March 2012.	BP Review
<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 January 7, 2012. Final revisions in progress. Significant issues pertaining to sample selection and analyses still exist. Signing decision pending.	BP Review

Joint Work Plans Under Revision/Awaiting Signature (February 2012)					
TWG	Plan	Signature Date		Comments	Status
		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 January 10, 2012. Final comments addressed. Expected signature March 2012.	Trustee Review
<b>Nearshore Benthic</b>	Submerged Oil Plan 2011 – Addendum 1 - Sediment Sampling with Vibracorer			BP received this plan on October 27, 2011. The Trustees have not provided data results to support the justification or need for this plan.	Trustee Review
<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.	Trustee Review
<b>Shoreline</b>	Work Plan for Impacts to Marsh Fiddler Crabs and Periwinkles along the Gulf of Mexico			Finalized at the end of February 2012. Awaiting BP signature.	BP Review
<b>Shoreline</b>	North Barataria Bay Addendum to the Monitoring Plan for Coastal Vegetation			Finalized at the end of February 2012. Awaiting BP signature.	BP Review
<b>Shoreline</b>	Coastal Wetland Vegetation Elevation Survey - Addendum to the Monitoring Plan			Currently with the Trustees.	Trustee Review
<b>Water Column</b>	December Cooperative Cruise- (NOAA/BP-Cardno ENTRIX NRDA Cooperative Deep Tow Cruise 2/December 2010 Arctic-HOS Davis 5-Sarah Bordelon Cruise)	Original Signature Page December 17, 2010	Amended Signature Page March 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.	Trustee Review

Joint Work Plans Under Revision/Awaiting Signature (February 2012)					
TWG	Plan	Signature Date		Comments	Status
		NOAA/USF WS	BP		
<b>Water Column - Plankton</b>	Plankton Sampling Plan – Fall 2010 Shakedown Cruise 1 – Nick Skansi			Trustees reviewing revised plan provided February 8, 2011. Field work is complete.	Trustee Review
<b>Water Column - Plankton</b>	Plankton Sampling Plan – Fall 2010 Shakedown Cruise 2 – Nick Skansi			Trustees reviewing revised plan provided on February 8, 2011. Field work is complete.	Trustee Review
<b>Water Column - Plankton</b>	Plankton Sampling Plan – Fall 2010 Cruise 3 – Nick Skansi			Trustees reviewing revised plan provided January 11, 2011. Field work is complete.	Trustee Review
<b>Water Column – Plankton</b>	Plankton Sampling Plan – Fall 2010 Cruise 4 – Nick Skansi			Trustees reviewing revised plan provided January 11, 2011. Field work is complete.	Trustee Review
<b>Water Column - Plankton</b>	Image Data Processing Plan: Holocam, DAVPR, VPRII			Trustees provided draft for review on December 1, 2011; BP provided comments on January 18, 2012.	Trustee Review
<b>Water Column - Plankton</b>	Image Data Processing Plan: SIPPER			Trustees provided draft for review on February 22, 2012; BP is currently reviewing the draft plan.	BP Review

<b>Joint Work Plans Awaiting Louisiana Signature (February 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	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>	NRDA Tier 1 for Deepwater Communities – Addendum Plan for Coral Aging	2/6/2012	Laboratory work in progress.
<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: Addendum for Field Work	1/10/2012	Field work is complete.
<b>Fish</b>	Sargassum Injury Assessment: Sargassum Mapping Using Remote Sensing February 28, 2012	2/28/2012	Imagery analysis work plan.
<b>Marine Mammals &amp; Turtles</b>	Addendum February 2011 ADCP Maintenance and HARP Recovery Plan	3/18/2011	Field work is complete.

<b>Joint Work Plans Awaiting Louisiana Signature (February 2012)</b>			
<b>TWG</b>	<b>Plan</b>	<b>Date NOAA/USFWS Submitted to Louisiana</b>	<b>Comments</b>
<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>	Assessing Potential Sublethal and Chronic Health Impacts from the Mississippi Canyon 252 Oil Spill on Coastal and Estuarine Bottlenose Dolphins: Addendum	2/28/2012	
<b>Marine Mammals &amp; Turtles</b>	Spatial Distribution (Aerial) Marine Mammal and Turtles 2011	1/30/2011	Aerial surveys in progress.
<b>Nearshore</b>	Blue Crab Megalopae Study in Mississippi Phase I	2/28/2012	Field collections will continue in Spring 2012.
<b>Nearshore</b>	Blue Crab Megalopae Study in Mississippi Phase II	1/30/2012	Laboratory sorting and analysis plan.
<b>SAV</b>	Tier 2 Pre-Assessment Low Altitude Aerial Photography of the Seagrass Beds of Southeastern Louisiana and Coastal Mississippi	2/6/2012	Field work is complete.
<b>Water Column</b>	HOS Davis Cruise 3 Addendum	12/4/2010	Field work is complete.
<b>Water Column</b>	NRDA UV Radiation Sampling Plan - October 2010 Cruise Plan	2/3/2012	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.

### Joint Work Plans Awaiting Louisiana Signature (February 2012)

TWG	Plan	Date NOAA/USFWS Submitted to Louisiana	Comments
<b>Water Column - Plankton</b>	Summer 2011 Plankton Imaging Cruise Plan ISIS - McArthur II	1/20/2012	Field work is complete.