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April 8, 2011

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U.S. Department of Interior
Office of the Solicitor
75 Spring Street, SW, Room 304
Atlanta, GA 30303

Craig O'Connor, Esq.
National Oceanic and Atmospheric Admin.
Office of the General Counsel
8484 Georgia Avenue, Suite 400
Silver Spring, MD 20910

Re: Procurement of Data Necessary for Natural Resource Damages Assessment

Dear Holly and Craig:

I am writing to you regarding data from the Deepwater Horizon natural resource damages assessment ("NRDA") that the Trustees have not yet provided to BP. Through data sharing provisions in several cooperative study agreements between BP and the Trustees, the parties have agreed to share certain data. This data is essential for planning further NRDA projects as well as potential emergency and early restoration projects. Without knowing the results of past studies, it is difficult, and in some cases not possible, to undertake future NRD plans or projects.

The attached tables outline the data that we believe is owed to BP pursuant to agreements with the Trustees. These data fall into two general categories: (1) "unstructured" data such as packages of data files, photographs, and GPS data and (2) analytical chemistry data associated with laboratory testing of various types of environmental samples.

We hope that the Trustees will supply the data as soon as possible so that both BP and the Trustees can effectively and cooperatively continue the NRDA efforts. Please feel free to contact me with questions or concerns.

Sincerely,

Brian D. Israel

Enclosures

Cc via Email: Administrative Record
Charles McKinley (DOI)
John Carlucci (DOI)
Stephanie Willis (NOAA)
M.E. Rolle (NOAA)
Will Gunter (ALDCNR)
Bennett Bearden (GSA)
Larry Morgan (FDEP)
Stephanie Morris (LOSCO)
Drue Banta (LACP&R)
Lisa Ouzts (MSDEQ)
Christa McLintock (on behalf of Texas Trustees)
Robin Bullock (BP)
Jean Martin (BP)

DATA MANAGEMENT REPORT ON UN-RECEIVED TRUSTEE UNSTRUCTURED DATA

This report summarizes the major unstructured data sets for each NRDA Study Group that the Trustees have not yet provided. Data which has not been received are identified as:

- Major data sets, completed data streams, packages of data files, or document sets.
- Individual documents, photographs, GPS data files, data sheets, Chain of Custody forms, etc.

Both large and small sets of data are being pursued, but the focus of this report is on the major data products related to non-analytical data, which primarily includes files generated in the field such as photographs, GPS data, data sheets, field notes, and data generated by equipment used during field activities.

After reviewing the information provided by the Cardno ENTRIX Study Groups, the following groups have reported on the status of their efforts to acquire Trustee data.

TRUSTEE COOPERATIVE DATA WHICH HAS NOT BEEN PROVIDED TO BP – AS OF 31-MAR-2011	
STUDY GROUP	**SUMMARY**
Birds and Wildlife	Major Missing Data Groups Beached Bird Survey • Foot searches – some data missing (see Attachment A) Aerial Study • Voice transcriptions - some data missing • Count data from colony survey • Spatial data - some data missing Secretive Marsh Bird Study • All helicopter surveys • Clapper Rail Final Fate Forms (after 1/21011) • Sample analyses (partial received) Colonial Water Bird Study • Black skimmer capture and telemetry (after 1/2011) • All Capture and Final Fate Forms (after 1/2011) • Sample analyses (partial received) Non-Breeding Shorebird Study • All sample analyses Waterfowl • WF beached bird surveys – GPS, Photos • WF oiling rate surveys – GPS, Photos Pelagic Seabird Survey • GPS Data • Data sheets (see Attachment A)
Coral	Major Missing Data Groups • SPMD detection of DWHOS

	• Reconnaissance survey of hard ground fauna communities • CREMP survey data • FRRP survey data – hard copies of all data sheets, field notes, etc. • FGBNMS survey data • Coral tissues and sediments processed by Woodley (NOAA)
Marine Resources (Fish)	Missing Data Groups • Oysters – some files are missing from the NOAA NRDA website • Plankton – some missing data (see Attachment B)
Mammals and Turtles	Major Missing Data Groups Offshore Whale Cruise – Gordon Gunter Cruise 1 and 2 • All Simrad EK60 echosounder data • All passive acoustic data and towed-array data • All CTD cast data • All photographic data • All COCs for biopsy sampling • All photo/video associated with acoustic deployment Synoptic surveys • All raw data from flights May-Oct • All video and photo from flights May-Oct • All GPS data from flights May-Oct • All observer sheets May-Oct Coastal Dolphins Biopsy and Photo identification • All CoCs for biopsy samples • All biopsy photo samples • All mark/recapture photo data • All field worksheets Kemps Nesting • All nesting observation sheets • All nest collection sheets • All photos of nesting studies Loggerhead Nesting • All nesting observation sheets • All nest collection sheets • All photos of nesting studies Florida Manatee • All flight log reports • All photos • All GPS data from flights Sargassum Plan for turtles • Field observation sheets • CoC for any samples collected • Photos All Turtles • Any and all cooperative data related to turtle necropsies

Shoreline	The Shoreline study group has been collecting data from Trustees using a field-based transfer system. Most data have been transferred successfully in this manner, but a more detailed inventory is being prepared.
Submerged Aquatic Vegetation (SAV)	Major Missing Data Groups Tier 1 Baseline Assessment • Observational data (data sheets) • Pensacola Bay (FWC, 2010_0608) • St. Andrew Bay (FWC, 2010_0622) • St. Joseph Bay (FWC, approx mid June) • Florida Keys (NOAA/FWC, 2010_0629 – 0909) • Shoot counts and invertebrate counts from cores + trawls Tier 2: Submerged Oil Snare Sentinels Observational Data • 2010_0807_BBishop_SHansen_PHoward (et al.) • 2010_0801_TLeukering_AMattair (et al.) • 2010_0803_TLeukering_ AMattair (et al.) Tier 2: JELA (conducted by Westin Solutions for NPS) Observational data (data sheets) • All
Marine Habitats (Water Column)	Data sets from multiple vessel sailings have not been transferred or made available. The major missing data collections have been identified in Attachment B.

Attachment A - MC252 NRDA - Birds and Wildlife - Bird Survey Data Requested from Trustee (as of 31 MAR 2011)

1) Requested Data Sheets

Beached Bird Surveys - The following 'Dead Bird Observation' (DEAD) or 'Live Bird Observation' (LIVE) forms were not received or were not useable due to file errors or scan errors. The word 'both' indicates that the LIVE and DEAD forms are both needed.

Date	Transect	Sheet(s) Needed
17-May	AL-07-02 [ALMO1-1]	DEAD
17-May	AL-07-08 [ALMO1-2]	DEAD
17-May	AL-08-02 [ALMO1-3]	DEAD
18-May	AL-03-01 [Mobile2-BLB]	LIVE
18-May	AL-18-01 [ALBA3-1]	LIVE
18-May	ALBA3-2	LIVE
18-May	ALBA3-3	LIVE
20-May	WFL-25-03 [FLWA2-4]	LIVE
21-May	MS-01-01 [MSJK2-5]	DEAD
26-May	AL-07-01 [ALMO1-4]	DEAD
29-May	MS-08-06 [MSJK3-4]	DEAD
29-May	AL-07-01 [ALMO1-4]	DEAD
30-May	EFL-17-01	LIVE
31-May	AL-26-07 [FLES1-1]	LIVE
31-May	AL-18-01 [ALBAL3-1]	DEAD
31-May	AL-03-01 [ALMO2-1]	DEAD
1-Jun	AL-07-01	DEAD
2-Jun	EFL-15-01	DEAD
2-Jun	MS-10-03 [MSJK4-3]	DEAD
2-Jun	WFL-53-01 [FLFC3-3]	DEAD
3-Jun	EFL-14-04	LIVE
3-Jun	WP2-21-02	DEAD
4-Jun	AL-07-01	DEAD
5-Jun	WP2-02-03	both
6-Jun	EFL-05-05	both
6-Jun	EFL-07-05	both
7-Jun	AL-07-01	DEAD
7-Jun	EFL-11-04	both
7-Jun	EFL-11-08	both
7-Jun	EFL-24-02	DEAD
7-Jun	WP1-42-06	DEAD
8-Jun	EFL-30-04 [EFL-N3]	DEAD
8-Jun	MS-12-01	DEAD
10-Jun	AL-07-01	DEAD
10-Jun	MS-13-05	DEAD
10-Jun	WP2-23-03	DEAD
11-Jun	AL-24-06	DEAD
11-Jun	WFL-11-01	DEAD
12-Jun	EFL-11-04	both
12-Jun	MS-18-03	DEAD
12-Jun	NTX-56-03	DEAD
13-Jun	AL-07-01	DEAD
13-Jun	MS-13-01	DEAD
13-Jun	MS-13-05	LIVE
13-Jun	NTX-46-01	DEAD

14-Jun	MS-07-02	DEAD
14-Jun	MS-07-04	both
14-Jun	NTX-18-01	DEAD
14-Jun	NTX-49-08	DEAD
14-Jun	NTX-52-04	DEAD
15-Jun	MS-18-01 (MSHR1-1)	DEAD
15-Jun	MS-18-03 (MSHR1-2)	DEAD
15-Jun	MS-20-04	LIVE
15-Jun	MS-23-01	DEAD
15-Jun	MS-23-09	DEAD
15-Jun	NTX-13-01	DEAD
16-Jun	AL-07-01	DEAD
16-Jun	MS-13-01	DEAD
16-Jun	MS-13-03	DEAD
16-Jun	MS-20-06	DEAD
16-Jun	NTX-54-01	DEAD
17-Jun	WFL-26-02 [FLBA1-1]	DEAD
17-Jun	MS-05-04	DEAD
17-Jun	NTX-52-01	DEAD
17-Jun	NTX-52-04	DEAD
19-Jun	AL-07-01	DEAD
19-Jun	EFL-17-01	DEAD
19-Jun	EFL-17-05	DEAD
19-Jun	EFL-18-01	DEAD
19-Jun	EFL-18-05	DEAD
19-Jun	EFL-20-01	DEAD
19-Jun	SFL-22-01	LIVE
19-Jun	EFL-20-05	DEAD
20-Jun	LA-76-06-041	DEAD
20-Jun	LA-76-06-043	LIVE
20-Jun	MS-17-02	DEAD
20-Jun	MS-17-06	LIVE
20-Jun	NTX-49-08	DEAD
21-Jun	AL-08-02	DEAD
21-Jun	NTX-14-04	DEAD
21-Jun	WFL-39-04	DEAD
22-Jun	AL-08-02	DEAD
22-Jun	LA-81-01(060)	LIVE
22-Jun	NTX-59-01	DEAD
22-Jun	WFL-22-03	DEAD
22-Jun	WFL-42-01	DEAD
23-Jun	AL-06-05	DEAD
23-Jun	WP2-13-07	both
23-Jun	WP2-14-03	both
23-Jun	WP2-20-03	both
24-Jun	WP2-20-07	both
24-Jun	WP2-21-02	both
24-Jun	WP2-22-01	both
26-Jun	WFL-12-01	DEAD
26-Jun	WFL-12-07	DEAD
26-Jun	WFL-17-02	DEAD
26-Jun	WFL-34-04	DEAD
27-Jun	MS-12-01	LIVE
27-Jun	WFL-11-01	LIVE
29-Jun	NTX-52-01	DEAD

29-Jun	WP2-14-03	DEAD
30-Jun	WFL-32-04	DEAD
1-Jul	AL-03-01	LIVE
1-Jul	AL-08-02	both
1-Jul	AL-18-01	both
1-Jul	WFL-12-07	DEAD
4-Jul	EFL-24-02	LIVE
5-Jul	NTX-36-02	LIVE
5-Jul	NTX-37-01	LIVE
10-Jul	MS-18-01	LIVE
10-Jul	MS-18-03	LIVE
11-Jul	LA-76-02	DEAD
11-Jul	WFL-22-03	DEAD
11-Jul	WFL-41-06	LIVE
11-Jul	WFL-44-06	DEAD
14-Jul	MS-06-03	DEAD
14-Jul	WFL-20-04	DEAD
14-Jul	WFL-25-01	DEAD
15-Jul	AL-18-01	DEAD
15-Jul	MS-07-04	LIVE
16-Jul	AL-26-02	DEAD
16-Jul	LA-562-03	DEAD
17-Jul	LA-645-01	DEAD
19-Jul	NTX-49-04	DEAD
21-Jul	LA-562-02	DEAD
22-Jul	LA-562-03	DEAD
27-Jul	MS-01-01	DEAD
28-Jul	AL-26-07	LIVE
28-Jul	WFL-38-03	both
31-Jul	AL-07-02	DEAD
31-Jul	MS-17-02	LIVE
31-Jul	NTX-30-04	DEAD
31-Jul	STX-93-03	both
31-Jul	STX-95-03	both
1-Aug	AL-03-01	DEAD
2-Aug	WFL-45-03	DEAD
3-Aug	AL-07-02	DEAD
10-Aug	NTX-30-04	DEAD
14-Aug	LA-645-01	DEAD
14-Aug	WFL-44-04	both
14-Aug	WFL-44-06	both
14-Aug	WFL-45.03	both
14-Aug	WFL-56-01	DEAD
14-Aug	WFL-56-03	DEAD
14-Aug	WFL-56-05	DEAD
20-Aug	LA-644-01	DEAD
20-Aug	MS-17-02	DEAD
21-Aug	MS-08-01	DEAD
21-Aug	WFL-52-01	DEAD
22-Aug	LA-641-04	DEAD
24-Aug	AL-27-04	DEAD
25-Aug	WFL-34-02	DEAD
25-Aug	WFL-34-04	DEAD
27-Aug	LA-75-04	both
27-Aug	LA-76-06	both

27-Aug	LA-83-04	both
28-Aug	LA-75-02	both
28-Aug	LA-76-04	both
28-Aug	LA-82-05	both
28-Aug	LA-83-02	both
29-Aug	MS-20-04	DEAD
29-Aug	LA-75-06	DEAD
30-Aug	MS-08-01	DEAD
1-Sep	LA-82-05	DEAD
2-Sep	WFL-27-02	DEAD
10-Sep	WFL-16-02	DEAD
10-Sep	WFL-17-02	DEAD
27-Sep	WFL-20-04	DEAD

Pelagic Seabirds -The following datasheets were not received or were not useable due to file errors or scan errors.

Datasheet (original file name)	**Comment**
2010-07-16_1910	?missing in sequence from 1900 to 1920?
2010-07-17_1850	?missing in sequence from 1840 to 1910?
2010-07-17_1900	?missing in sequence from 1840 to 1910?
ORII.27JUL2010.1916	may be listed as 1920
2010-08-02_1645_P1	start time is 1445; listed in database as 1645, but should it be changed to 1445?
2010-08-02_1645_P2	start time is 1445; listed in database as 1645, but should it be changed to 1445?
2010-08-03_1200	p1 missing; we have p.2
2010-08-06_1030	p2 missing; we have a duplicate p.1
GOGU.06Aug.1030 (Page 2)	p2 scan is is duplicate of p1
ORII.13Aug07.21.p2	p.2 is scan of 0731 p.2
ORII.14Aug16.50.p2	p.2 is duplicate scan of 1650 p.1
ORII.16Aug08.13.p2	p.2 is scan of 0823 p.2
ORII.16Aug08.53	p.2 is missing, we have p.1
ORII.16Aug09.03.p2	two versions of p.2 for 0903, which is correct?
ORII.15SEP2010.1415 (Page 1)	p1 is duplicate scan of p2 for 1405, we have 1415 p2, missing p1
ORII.17SEP2010.0945 (Page 2)	p2 is duplicate scam pf p1 for 0945, we have 0945 p1, missing p2
ORII.18SEP2010.1100 (Page 1)	p1 is duplicate scan of p2 for 0920; we have 1100 p2, missing p1.
ORII.18SEP2010.1430 (Page 2)	p2 is duplicate scan of p1 for 1430; we have 1430 p1, missing p2.
ORII.18SEP2010.1710 (Page 2)	p2 is duplicate scan of p1 for 1710; we have 1710 p1, missing p2.
ORII.18SEP2010.1815 (Page 1)	p1 is duplicate scan of p2 for 1215; we have 1815 p2, missing p1.
ORII.20SEP2010.0850 (Page 1)	missing page 1
ORII.22Sep2010.10.30 (Page 2)	we have Page 1
ORII.22SEP2010.1330 (Page 1)	p1 is duplicate scan of p1 for 1340; we have 1330 p2, missing p1.
ORII.23SEP2010.1515 (Page 1)	p1 is duplicate scan of p1 for 1505; we have 1515 p2, missing p1.
ORII.24SEP2010.1815 (Page 1)	p1 is duplicate scan of p2 for 1805; we have 1815 p2, missing p1.

GOGU.25Sep2010.0754	GOGU.25Sep2010.0744 but with the times overwritten.
ORII.25SEP2010.1655 (Page 1)	p1 is duplicate scan of p2 for 1400; we have 1655 p2, missing p1.
ORII.26SEP2010.1400 (Page 1)	p1 is duplicate scan of p2 for 1350; we have 1400 p2, missing p1.
ORII.27SEP2010.1115 (Page 1)	p1 is duplicate scan of p2 for 1105; we have 1115 p2, missing p1.
ORII.28SEP2010.1600 (Page 1)	p1 is duplicate scan of p2 for 1245; we have 1600 p2, missing p1.
NRDA_07262010_ORII.26JUL2010.1645_Powell	p.2 species identity cut off
NRDA_07262010_ORII.26JUL2010.1655_Powell	p.1 time cut off
NRDA_07272010_ORII.27JUL2010.0711_Powell	p.1 no end coordinates provided
NRDA_07292010_ORII.29JUL2010.1814_Powell	p.1 longitude cut off
NRDA_07292010_ORII.29JUL2010.1754_Powell	p.1 longitude cut off
NRDA_07292010_ORII.29JUL2010.1242_Powell	p.1 longitude cut off
NRDA_07292010_ORII.29JUL2010.0950_Powell	p.1 longitude cut off
NRDA_07292010_ORII.29JUL2010.0910_Powell	p.1 longitude cut off
NRDA_07292010_ORII.29JUL2010.0850_Powell	p.1 longitude cut off
NRDA_07292010_ORII.29JUL2010.0840_Powell	p.1 longitude cut off
NRDA_07312010_ORII.31JUL2010.0630_Powell	p.1 can't read all of time
ORII.09Aug.08.57.p2	p.2 comments cut off
ORII.09Aug.12.10.p2	p.2 time cut off
ORII.09Aug.15.00.p2	p.2 comments cut off
ORII.09Aug.15.39.p2	p.2 comments cut off
ORII.09Aug.15.50.p2	p.2 time cut off
ORII.09Aug.16.10.p1	p.1 longitudes cut off
ORII.09Aug.18.19.p1	p.1 longitude cut off
ORII.10Aug.01.50.p2	p.2 comments cut off
ORII.10Aug.08.58.p2	p.2 time cut off
ORII.11Aug.08.24.p1	(This datasheet is for 7:44, not 8:24); p.1 longitudes cut off
ORII.11Aug.07.17.p2	p.2 time cut off
ORII.11Aug.13.30.p2	p.2 time cut off
ORII.11Aug.14.01.p2	p.2 time cut off
ORII.11Aug.14.12.p2	p.2 time cut off
ORII.13Aug14.04.p2	p.2 time cut off
ORII.15Aug07.11.p2	p.2 time cut off
ORII.18Aug10.44.p2	p.2 comments cut off (oiled birds noted)
ORII.20Aug07.26.p1	p.1 longitudes cut off
GOGU.16Sep2010.1335	p.2 comments cut off
GOGU.17Sep2010.1559	p.1 longitude cut off
GOGU.18Sep2010.0816	p.1 longitude cut off
GOGU.18Sep2010.1503	p.2 comments cut off
GOGU.18Sep2010.1514	p.2 comments cut off
GOGU.18Sep2010.1532	p.2 comments cut off
GOGU.19Sep2010.0757	p.2 comments cut off
GOGU.19Sep2010.1302	p.2 comments cut off
GOGU.20Sep2010.1030	p.1 longitude cut off
GOGU.20Sep2010.1325	p.2 comments cut off
GOGU.20Sep2010.1515	p.1 longitude cut off
GOGU.22Sep2010.1010	p.1 longitude cut off
GOGU.24Sep2010.0715	p.2 comments cut off
GOGU.25Sep2010.0815	p.2 comments cut off
GOGU.27Sep2010.1005	p.1 longitude cut off

GOGU.28Sep2010.0938	p.1 longitude cut off & p.2 comments cut off
GOGU.28Sep2010.0949	p.2 comments cut off
GOGU.28Sep2010.1323	p.1 longitude cut off
GOGU.28Sep2010.1334	p.1 longitude cut off
GOGU.28Sep2010.1427	p.2 comments cut off
GOGU.28Sep2010.1756	p.2 comments cut off

2) Requested Photographs

Beached Bird Surveys - The following carcass (DB, dead bird) photos were not received or were not useable due to file errors.

Date	Transect	#DBs	Comment
18-May	AL-18-01 [ALBA3-1]	1	
18-May	ALBA3-3	1	
18-May	WFL-05-04 [FLES2-1]	1	
18-May	WFL-06-01 [FLES2-2]	9	
26-May	ALBA1-3	2	
2-Jun	MS-01-01	1	
2-Jun	WFL-39-04 [GCD1-2]	1	
8-Jun	EFL-14-04	2	
12-Jun	AL-25-04	1	
12-Jun	WFL-46-02	1	
14-Jun	EFL-15-01	4	Missing photo of DB-015
15-Jun	EFL-20-01	1	
15-Jun	EFL-20-05	1	
19-Jun	LA-75-06-037	1	
22-Jun	WFL-46-05	1	
25-Jun	MS-05-01	1	
26-Jun	SFL-08-01	1	File error w/2nd photo
26-Jun	STX-34-02	1	
27-Jun	LA-75-04	2	
29-Jun	WFL-44-04	1	
29-Jun	LA-81-01	1	
30-Jun	MS-17-02	1	
5-Jul	NTX-36-02	1	
6-Jul	LA-75-04-104	1	
8-Jul	AL-23-04	1	
8-Jul	WFL-44-04	1	
10-Jul	EFL-31-03	1	
10-Jul	WFL-42-01	1	
11-Jul	CHAN-02	4	
11-Jul	WFL-12-01	1	
12-Jul	Chan-03	1	
12-Jul	Chan-04	1	
12-Jul	Chan-05	4	
12-Jul	Chan-06	1	
13-Jul	Chan-08	42	
13-Jul	MS-18-01	1	
15-Jul	Chan-10	14	
14-Jul	MS-13-03	1	
14-Jul	TX_Matagorda Island	1	(Aransas Location)
19-Jul	MS-17-02	1	
19-Jul	MS-20-06	1	
21-Jul	AL-07-02	1	

21-Jul	LA-75-04	1	
21-Jul	LA-76-06	1	
21-Jul	LA-83-04	1	
25-Jul	LA-75-06	1	
25-Jul	LA-76-02	1	
25-Jul	LA-76-OFF SEGMENT	1	
26-Jul	LA-83-04	1	
26-Jul	MS-05-01	1	
26-Jul	MS-08-06	1	
27-Jul	LA-75-02	1	
27-Jul	LA-76-04	1	
27-Jul	LA-83-02	1	
27-Jul	MS-23-01	1	
27-Jul	MS-23-09	1	
28-Jul	GrandIsle-OFF SEGMENT	1	
28-Jul	LA-562-OFF SEGMENT	1	
31-Jul	MS-15-01	1	
5-Aug	MS-07-04	1	
13-Aug	LA-76-04	1	
23-Aug	WFL-45-03	1	
4-Sep	WFL-06-03	1	
26-Sep	WFL-27-02	1	

3) Requested GPS Data

Beached Bird Surveys

Crew / Area	**Dates for which we have datasheets and/or other data, but no GPS data:**										
AL_Dauphin Island / Irvington / Mobile	May 17-18	May 21-22	May 24-29	Jul 1	Jul 16						
AL_Foley / Magnolia Springs	May 17-22	May 24-27	Jun 23-24								
FL_Apalachicola 1	May 29	Jun 25									
FL_Ft Myers 1 (10,000 Islands)	Jun 1	Jun 5									
FL_Ft Myers 2 (Ding Darling)	Jul 2										
FL_Hobe Sound	Jun 9-12	Jun 14									
FL_Keys	Jun 21	Jun 24									
FL_Merritt Island	Jun 4-5	Jun 7-9	Jun 14-19	Jun 22	Jun 30	Jul 10					
FL_Panama City	May 17-22	May 26-31	Jun 1-2	Jun 5	Jun 14						
FL_Pensacola / Myrtle Grove	May 19-20	May 24-28									
FL_Santa Rosa	May 21-22	May 24	May 26-27	May 30-31	Jun 1	Jun 3-4	Jun 6-19	Sep 2-28			
FL_Sunnyside Bay	May 22	May 24	May 28								
FL_Tampa / Egmont	Jun 4	Jun 6	Jun 8	Jun 12	Jun 14	Jun 17	Jun 23	Jun 27			
LA_Bell City / Sabine	Jun 15-19	Jun 24-26	Jun 28-29	Jul 27	Aug 15	Sep 1					
LA_Chandaleur Island	Jul 11-14										
LA_Grand Isle	Jul 14-15	Jul 17-19									
LA_Rockefeller	Jul 21	Jul 31									
MS_Bay St Louis	May 17-22	May 24	May 28-31	Jun 1-10	Jun 14-15						
MS_Biloxi	May 25-29	May 31	Jun 1-2	Jun 4							
MS_Gulfport	Jul 26-29	Jul 31									
MS_Pascagoula	May 21-22	May 24									
TX_Chenier Plains	Jun 11-17	Jun 24-25	Jun 28	Aug 3							
TX_Galveston	Jun 13	Aug 11-13									

4) Requested Full Data Sets

Beached Bird Surveys - No data were uploaded by the indicated crew on the indicated date(s). These might have been 'stand down' days,

but - if not - we would like receive any data that were collected (datasheets, photos, gps data, other forms).

Crew / Area

AL_Dauphin Island / Irvington / Mobile	May 19-20	May 30	Jun 3	Jun 28-30	Jul 2	Jul 5	Jul 10	Jul 13	Jul 23-25	Aug 8	
AL_Foley / Magnolia Springs	Jun 22	Jul 23-25									
FL_Apalachicola 1	Jun 14	Jul 13	Jul 23-25	Aug 14							
FL_Apalachicola 2	Jul 23-25										
FL_Eglin Village	May 29										
FL_Ft Myers1 (10000 Islands)	Jun 3										
FL_Ft Myers2 (Ding Darling)	Jun 30	Jul 1									
FL_Hobe Sound	Jun 8	Jun 12-13	Jun 16								
FL_Keys	Jun 30										
FL_Panama City	May 24-25	Jun 15									
FL_Pelican Island	May 31	Jul 5									
FL_Pensacola/Myrtle Grove	May 21-22	May 29	Jun 4	Jun 23-24	Jul 2	Jul 5-6	Jul 23-25				
FL_Santa Rosa	Jun 2	Jun 5	Jul 2-8	Jul 23-26	Jul 31						
FL_Sunnyside Bay	May 18	May 27	May 30-31	Jun 2-4							
FL_Tampa / Egmont	Jun 5										
LA_Bell City-Sabine	Jun 30	Jul 1-5	Jul 9	Jul 18-19	Jul 23-24	Jul 31	Aug 6-7	Aug 12			
LA_Grand Isle	Jul 16	Jul 22-26									
LA_Rockefeller	Jul 23-24	Jul 29	Aug 4-6								
MS_Bay St Louis	May 25-27										
MS_Biloxi	May 30	Jun 3	Jun 28-30	Jul 1	Jul 4-9	Jul 11	Jul 16-18	Jul 20-26	Jul 28	Aug 3-4	Aug 8
MS_Gulfport	Jul 2	Jul 7-8	Jun 23-25	Jul 30	Aug 1-3						
TX_Aransas	Jun 21	Jun 28-30	Jul 1-6	Jul 8							
TX_Chenier Plains	Jun 11-12	Jun 23	Jun 30	Jul 1-2	Jul 8	Jul 23-25	Aug 2				
TX_Corpus Christi	Jul 14	Jul 16	Jul 23-26	Jul 29							
TX_Galveston	Jun 30	Jul 1	Jul 23-25								
TX_Laguna Atascosa	Jul 1-13	Jul 23-25									
TX_San Bernard	Jun 30	Jul 1-3	Jul 8								

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	**Attachment B - MC252 NRDA - Marine Habitats (Water Column) Data Transfer Status (as of 31 MAR 2011)**															
2			**STATION AND SAMPLE DATA**			**INSTRUMENTATION DATA**										
3	**CRUISE**	**DATES**	Sampling Coordinates	Sample Logs	COCs	CTD Plots	CTD Calibration	CTD Raw	Photos	ROV Video	ADCP Raw	AWCP	Fluorometer	Sonar	Holocam Raw	Holocam Waypoints
4	Ephemeral Jack Fitz1	05/09/10-05/15/10														
5	Ephemeral Jack Fitz2	05/21/10-06/01/10														
6	Ephemeral Bunny Bordelon 1	05/30/10-06/01/10														
7	Ephemeral Jack Fitz3	06/12/10-06/22/10														
8	American Diver 1	07/29/10-08/06/10														
9	HOS Davis I	08/10/10-08/22/10														
10	HOS Davis II	08/25/10-09/30/10														
11	American Diver II	08/28/10-09/01/10														
12	Walton Smith I	09/05/10-09/17/10														
13	Specialty Diver 1	09/07/10-09/17/10														
14	HOS Davis III	09/08/10-09/29/10														
15	Walton Smith II	09/19/10-09/24/10														
16	Walton Smith III	09/25/10-10/03/10														
17	Radiometry	10/25/10-10/26/10														
18	Gordon Gunter I	08/24/10 - 09/10/10														
19	Gordon Gunter II	09/15/10 - 09/29/10														
20	Entrix Plankton III - Nick Skansi	09/24/10 - 10/05/10														
21	Entrix Plankton III - Meg Skansi	09/24/10 - 10/05/10														
22	Entrix Plankton III - Sarah Bordelon	09/24/10 - 10/05/10														
23	Entrix Plankton IV - Nick Skansi	10/15/10 - 10/25/10														
24	Entrix Plankton IV - Meg Skansi	10/15/10 - 10/25/10														
25	Entrix Plankton IV - Sarah Bordelon	10/15/10 - 10/25/10														
26	November Cooperative Cruise -AR	11/1/10-11/16/10														
27	November Cooperative Cruise -HD	11/1/10-11/16/11														
28	Pisces - Midwater Trawling	12/01/10 - 12/20/10														
29	December Cooperative Cruise -AR	12/03/10-12/20/10														
30	December Cooperative Cruise -HD	12/03/10-12/20/11														
31	December Cooperative Cruise -SB	12/03/10-12/20/12														
32	December Cooperative Cruise -NS															
33	Winter DAVPR - Arctic	01/13/11 - 01/25/11														
34	Winter 1 meter MOCNESS - Nick Skansi	ongoing														
35	Winter 10 meter MOCNESS - Meg Skansi	ongoing														
36																
37																
38																
39																
40	Data Available on NOAA ftp site															
41	Data in Cardno-ENTRIX custody															
42																
43	Plan Indicated Data was to be collected, Not															
44	Provided to Cardno-ENTRIX															
45	Received Data from Trustees* Yet to be confirmed.															
46																
47	*Digital-Automatic Video Plankton Recorder (DAVPR).															
48																

	A	B	Q	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD	AE	AF	AG
1	**Attachment B - MC252 NRDA - Marine Habitats (Water Column) Data Transfer Status (as of 31 MAR 2011)**																		
2			**INSTRUMENTATION DATA**																
3	**CRUISE**	**DATES**	Processed Holocam	Seasled	CNES	Langrangian Floats	Doppler Volume	VPR	Lisst	Acoustic	FlowCam	ROV	ABS	APEX Floats	Towsled	TMS	Chelsea Aquatracka	MIMS	USBL
4	Ephemeral Jack Fitz1	05/09/10-05/15/10																	
5	Ephemeral Jack Fitz2	05/21/10-06/01/10																	
6	Ephemeral Bunny Bordelon 1	05/30/10-06/01/10																	
7	Ephemeral Jack Fitz3	06/12/10-06/22/10																	
8	American Diver 1	07/29/10-08/06/10																	
9	HOS Davis I	08/10/10-08/22/10																	
10	HOS Davis II	08/25/10-09/30/10																	
11	American Diver II	08/28/10-09/01/10																	
12	Walton Smith I	09/05/10-09/17/10																	
13	Specialty Diver 1	09/07/10-09/17/10																	
14	HOS Davis III	09/08/10-09/29/10																	
15	Walton Smith II	09/19/10-09/24/10																	
16	Walton Smith III	09/25/10-10/03/10																	
17	Radiometry	10/25/10-10/26/10																	
18	Gordon Gunter I	08/24/10 - 09/10/10																	
19	Gordon Gunter II	09/15/10 - 09/29/10																	
20	Entrix Plankton III - Nick Skansi	09/24/10 - 10/05/10																	
21	Entrix Plankton III - Meg Skansi	09/24/10 - 10/05/10																	
22	Entrix Plankton III - Sarah Bordelon	09/24/10 - 10/05/10																	
23	Entrix Plankton IV - Nick Skansi	10/15/10 - 10/25/10																	
24	Entrix Plankton IV - Meg Skansi	10/15/10 - 10/25/10																	
25	Entrix Plankton IV - Sarah Bordelon	10/15/10 - 10/25/10																	
26	November Cooperative Cruise -AR	11/1/10-11/16/10																	
27	November Cooperative Cruise -HD	11/1/10-11/16/11																	
28	Pisces - Midwater Trawling	12/01/10 - 12/20/10																	
29	December Cooperative Cruise -AR	12/03/10-12/20/10																	
30	December Cooperative Cruise -HD	12/03/10-12/20/11																	
31	December Cooperative Cruise -SB	12/03/10-12/20/12																	
32	December Cooperative Cruise -NS																		
33	Winter DAVPR - Arctic	01/13/11 - 01/25/11																	
34	Winter 1 meter MOCNESS - Nick Skansi	ongoing																	
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36																			
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40	Data Available on NOAA ftp site																		
41	Data in Cardno-ENTRIX custody																		
42																			
43	Plan Indicated Data was to be collected, Not																		
44	Provided to Cardno-ENTRIX																		
45	Received Data from Trustees* Yet to be confirmed.																		
46																			
47	*Digital-Automatic Video Plankton Recorder (DAVPR).																		
48																			

	A	B	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU
1	**Attachment B - MC252 NRDA - Marine Habitats (Water Column) Data Transfer Status (as of 31 MAR 2011)**															
2									**WATER CHEMISTRY DATA**						**WATER CHEMISTRY DATA**	
3	**CRUISE**	**DATES**	Zooscan	DAVPR*	GPS Tracks & waypoints	MOCNESS	Radiometer	SIPPER	VOA	PAH	TSS	TPH	Methane	BTEX	DISP Concentrations	PLVWSS
4	Ephemeral Jack Fitz1	05/09/10-05/15/10														
5	Ephemeral Jack Fitz2	05/21/10-06/01/10														
6	Ephemeral Bunny Bordelon 1	05/30/10-06/01/10														
7	Ephemeral Jack Fitz3	06/12/10-06/22/10														
8	American Diver 1	07/29/10-08/06/10														
9	HOS Davis I	08/10/10-08/22/10														
10	HOS Davis II	08/25/10-09/30/10														
11	American Diver II	08/28/10-09/01/10														
12	Walton Smith I	09/05/10-09/17/10														
13	Specialty Diver 1	09/07/10-09/17/10														
14	HOS Davis III	09/08/10-09/29/10														
15	Walton Smith II	09/19/10-09/24/10														
16	Walton Smith III	09/25/10-10/03/10														
17	Radiometry	10/25/10-10/26/10														
18	Gordon Gunter I	08/24/10 - 09/10/10														
19	Gordon Gunter II	09/15/10 - 09/29/10														
20	Entrix Plankton III - Nick Skansi	09/24/10 - 10/05/10														
21	Entrix Plankton III - Meg Skansi	09/24/10 - 10/05/10														
22	Entrix Plankton III - Sarah Bordelon	09/24/10 - 10/05/10														
23	Entrix Plankton IV - Nick Skansi	10/15/10 - 10/25/10														
24	Entrix Plankton IV - Meg Skansi	10/15/10 - 10/25/10														
25	Entrix Plankton IV - Sarah Bordelon	10/15/10 - 10/25/10														
26	November Cooperative Cruise -AR	11/1/10-11/16/10														
27	November Cooperative Cruise -HD	11/1/10-11/16/11														
28	Pisces - Midwater Trawling	12/01/10 - 12/20/10														
29	December Cooperative Cruise -AR	12/03/10-12/20/10														
30	December Cooperative Cruise -HD	12/03/10-12/20/11														
31	December Cooperative Cruise -SB	12/03/10-12/20/12														
32	December Cooperative Cruise -NS															
33	Winter DAVPR - Arctic	01/13/11 - 01/25/11														
34	Winter 1 meter MOCNESS - Nick Skansi	ongoing														
35	Winter 10 meter MOCNESS - Meg Skansi	ongoing														
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40	Data Available on NOAA ftp site															
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42																
43	Plan Indicated Data was to be collected, Not															
44	Provided to Cardno-ENTRIX															
45	Received Data from Trustees* Yet to be confirmed.															
46																
47	*Digital-Automatic Video Plankton Recorder (DAVPR).															
48																

UN-RECEIVED ANALYTICAL CHEMISTRY INFORMATION FROM COOPERATIVE STUDIES

Sampling information and final validated Electronic Data Deliverable (EDD) files for Cooperative Study field activities in the Gulf of Mexico from the cruises listed below were not been provided to BP as of March 31, 2011.

STUDY	START	END DATE
Gordon Gunter I	8/24/2010	9/10/2010
American Diver II	8/28/2010	9/1/2010
Walton Smith I	9/5/2010	9/17/2010
Specialty Diver I	9/7/2010	9/17/2010
Gordon Gunter II	9/15/2010	9/30/2010
Walton Smith II	9/19/2010	9/24/2010
Walton Smith III	9/25/2010	10/3/2010
Ephemeral Jack Fitz1	5/9/2010	5/15/2010
Ephemeral Jack Fitz2	5/21/2010	6/1/2010
Ephemeral Bunny	5/30/2010	6/3/2010
ADCP Array Install 1	6/10/2010	6/13/2010
Ephemeral Jack Fitz3	6/12/2010	6/22/2010
American Diver I	7/29/2010	8/6/2010
HOS Davis I	8/10/2010	8/22/2010
HOS Davis II	8/25/2010	9/3/2010
HOS Davis III	9/8/2010	9/29/2010
NOAA/BP-ENTRIX NRDA Cooperative Deep Tow Cruise 1	11/2/2010	11/17/2010
NOAA/BP-ENTRIX NRDA Cooperative Deep Tow Cruise 2	12/3/2010	12/20/2010
Oil-on Water Sampling		Completed before 8/28/2010

For all these cruises, sampling and analytical information that is required for Cooperative Study samples consist of several different data fields or data sets, in the following three categories.

1. VALIDATED LABORATORY ANALYTICAL DATA

While the process for the distribution of the raw and final laboratory data packages seems to be working well – the RP has received the raw data and laboratory data packages released by the Trustees' laboratory (Alpha Analytical) to date – the RP still has not received any of the final validated data. The complete laboratory EDD, with the addition of two fields containing the data validation result, qualifiers, and reason code determined by EcoChem, is required to ensure that independent analyses can be reliably matched and compared. No fully validated EDDs, including confirmed sampling coordinates, have been received to date for any of the tabulated studies listed above.

These validated EDDs are required because EcoChem-validated results have been accepted as the "official" result for cooperative studies unless otherwise stated. The raw laboratory EDDs originally received by ENTRIX/BP do not accomplish this purpose. In addition, QueryManager EDD results are not acceptable because they do not always represent 'original' results. Because of the way certain calculations are made, replicate results in QueryManager often cannot be traced to original data using any of the information available to data users.

The laboratory EDDs and other information received to date do not necessarily include all copies of preliminary data, revised forms or disks that may have been distributed by the laboratories to NOAA on behalf of the Trustees. A complete inventory of all materials provided by the Trustees' laboratory to NOAA or EcoChem is not available. However, these materials should be provided to the extent that they have been generated.

2. SAMPLING LOCATIONS

Fields required for each sampling location are:

- Sampling location name
- Target geographic coordinates (latitude and longitude)
- Geographic datum for the coordinates
- Transect name, if applicable
- Distance or distance code representing the location along the transect, if applicable
- Narrative description of the sampling location

The delivery of this information is not dependent on the time schedule for analyses. All of the sample location information should be available at time of sample collection or immediately on completion of each cruise. As the Trustees' have the "official" copy of all this information, a spreadsheet with the listed information should be provided for all samples in the identified cooperative studies to ensure that all information is complete and so that data can be quickly and efficiently assimilated into the database as soon as they are validated. This will help eliminate extended discussions in an effort to reconcile "unofficial" and "official" records held by the RP and Trustees', respectively.

3. SAMPLE IDENTIFIERS AND DESCRIPTIVE INFORMATION

Fields required for each analytical sample sent to laboratories are:

- **Interpretive sample identifier (used for data summarization and interpretation)**
- **Analytical sample identifier (used to distinguish splits and duplicates for the same interpretive sample)**
- **Target sampling location name**
- **Actual geographic coordinates and datum for the sample**
- **Date and time of sample collection**
- **Upper depth, lower depth, and depth units**
- Method used to establish the actual coordinates at which the sample was collected
- Type of sampling equipment used
- Sample type (medium)
- Collection identifier(s), if applicable (e.g., GoFlo bottle identifier)
- Compositing approach used, if applicable
- Field treatment or preparation method(s) used, if applicable
- Field QC group identifier, if applicable
- Name of the sampling team
- Name of the sampler(s)
- Narrative comments or description of the sample
- List of analyses to be conducted on the sample

The information in the first six bullets (**bold**) is critical to ensure linkage to sample location information. As the Trustees' have the "official" copy of all this information, a spreadsheet with the listed information should be provided for all samples regardless of the status of any analysis. This will help eliminate extended discussions in an effort to reconcile "unofficial" and "official" records held by the RP and Trustees', respectively.

We request that the Trustees distribute the sample coordinates and other sample associated information identified above and the validated EDDs with EcoChem's added qualifier and reason code fields as soon as possible.