

**Mississippi Canyon 252 Incident**

**Proposed Data Collection Plan to Assess Injury to Florida Manatees from the Deep Horizon Oil Spill**

Approval of this addendum to the data collection plan to assess injury to Florida Manatees from the Deepwater Horizon Oil Spill in Florida. It is for the purposes of obtaining data for the Natural Resource Damage Assessment. Each party reserves its right to produce its own independent interpretation and analysis of any data collected pursuant to this work plan.

This plan will be implemented consistent with existing trustee regulations and policies. All applicable state and federal permits must be obtained prior to conducting work.

Jennifer Bayce      9/1/2010  
Department of Commerce Trustee Representative:      Date

Nicole Max      8/9/2010  
Department of Interior Trustee Representative:      Date

Scott McDonald      8/16/2010  
BP Representative:      Date

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### Addendum

#### Proposed Data Collection Plan to Assess Injury to Florida Manatees from the Deep Horizon Oil Spill

**Point of Contact FL--(FWC-FWRI)—Leslie Ward; FWC Project Leaders-Holly Edwards and Julien Martin**

**Point of Contact AL, MS, LA (TBA in separate collaborative proposal)**

The purpose and objectives of our work plan were to:

- 1) estimate abundance and distribution of Florida manatees in areas affected by and adjacent to the Deepwater Horizon oil spill (pre and post impact).
- 2) conduct an aerial assessment of impacted areas to document locations of marine mammals in fouled areas; locate fouled, distressed or dead animals; and inform manatee rescue efforts.

Because of the possibility of oil moving ashore in Florida and the need to continue to collect pre-assessment phase information to assess exposure and potential impacts to the Florida manatee population, FWC will continue to implement the “Data Collection Plan to Assess Injury to Florida Manatees from the Deep Horizon Oil Spill”. The original work plan estimated costs for one month of work within an impacted region. No plot sampling surveys were flown because of the low number of manatees observed. Manatees likely occur with greater frequency in the far western region of the Panhandle during the warm season and as the season progresses we expect to see an increase in the number of manatees using the region. As discussed with TWG members, we will use expert opinion, available observations, and telemetry data from presently tagged manatees to decide the optimal timing of a plot sample survey. The original work plan does not have a definitive end date. It is projected that these surveys will end by the third week in November. Notification to BP will be made if these surveys are proposed beyond this date. It is understood that all data associated with this plan will continue to be made available to BP within a reasonable timeframe. This addendum serves to continue the original approved work plan to support response/reconnaissance flights as needed and to conduct two plot sample surveys (pre-impact and post-impact).

The amended budget covers estimated costs per month for response flights, including modifications to reflect aircraft supplied by BP vendors. All aircraft costs are to be directly paid by BP to the BP vendors, therefore the budget does not reflect aircraft costs, which can vary depending on the type of platform that is to be used.

**Revised Budget for Manatee Aerial Surveys in Florida**  
**Deep Horizon Oil Spill**

With BP Procured Aircraft

	<b># of Aircraft *</b>	<b># of hrs/survey</b>	<b>Cost/hr</b>	<b># of Surveys *</b>	<b>Cost</b>
Survey Type					
Reconnaissance	1	8	BP vender	4	Directly paid by BP
Plot Sampling	3	8	BP vender	2	Directly paid by BP
Response (impact phase) assuming product in survey area	1	8	BP vender	30 (1 month)	Directly paid by BP
Sub-total				36	BP paid
	<b># of staff hrs</b>	<b>Cost/hr</b>			<b>Cost</b>
Salary (GIS staff)	80	\$25			\$2,000
Salary (aerial observers)	432	\$25			\$10,800
	<b># of days</b>	<b>Cost/day</b>	<b>Per diem/day</b>		
FWC staff lodging	40 (approx. month)	\$150	\$36		\$7,440
Supplies					\$200
Fuel					\$500
Data Analyses	75	\$100			\$7,500
<b>TOTAL</b>					<b>\$28,440</b>

Budget is based on an impacted region extending from the AL-FL State line to the Bay-Gulf County line, a one month response period, and availability of BP aircraft. Number of aircraft and surveys is subject to change based on the extent and the length time of the impact.