

**Second Addendum
Proposed Data Collection Plan to Assess Injury to
Estuarine Dolphin Stocks**

**Original Plan Submitted: May 14, 2010
First Addendum Signed: June 9, 2010**

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Original survey plan: Three sites: Barataria Bay, Chandeleur Sound, Mississippi Sound with 3 biopsy sampling sessions and 3 photo-identification (mark-recapture) sessions per site.

Survey plan revision: Omit photo-identification surveys in Chandeleur Sound and extend photo-identification in Barataria Bay and Mississippi Sound to include a 4th session to be conducted in Spring 2011.

Rationale:

The original dolphin assessment plan proposed to conduct 3 sessions of biopsy sampling and 3 sessions of photo-identification (photo-id) surveys in Barataria Bay (BAR), Chandeleur Sound (CLS) and Mississippi Sound (MSS). Biopsy sampling efforts are being successfully conducted in all of these areas and photo-id surveys are on-going in BAR and MSS. However, logistical and safety concerns have prevented crews from completing photo-id surveys within CLS.

CLS is a relatively open area with limited port access. The distance to ports has been manageable for biopsy surveys as the field crew launches out of Long Beach, Mississippi and works northern to mid-Sound, staying within an approximate 1-hour distance to port. The crew has ventured further south in the Sound only when weather conditions permitted. Photo-id surveys, however, would require regular transits to, and transects of, southern CLS, which would be over 2 hours from the closest port. The frequency of afternoon thunderstorms that have been encountered to date, and the limited protection in the open Sound have raised concern that the photo-id surveys could not be completed in a timely manner without jeopardizing the safety of the small vessel crew.

Therefore, the plan will be modified to eliminate the photo-id surveys in CLS, although photo-id data will still be conducted opportunistically in association with the biopsy sampling and a catalog of individual dolphins will still be developed. In lieu of the CLS photo-id surveys, a 4th photo-id session will be added for both BAR and MSS. The 4th session for these areas will be conducted in spring 2011, providing a time point for abundance estimation that will approximately match the season of the first photo-ID session. All analytical and non-analytical data associated with cooperatively funded work under this work plan will be provided to BP/Entrix within a reasonable timeframe. A revised schedule with tentative dates for the remaining surveys is provided as Attachment A to this plan.

**Attachment A: Revised
Schedule with Tentative Dates for the Remaining Dolphin Surveys**

August	September	2010			December	January	February	2011	April	May	June
		October	November				March				
BAR bio (13-19)	CLS bio (13-19)	BAR pho (10-22)	MSS pho (4-18)		BAR bio (9-15)	CLS bio (6-12)	MSS pho (6-17)		BAR pho	MSS pho	
MSS bio (27-1)					MSS bio (23-29)	BAR pho (16-26)					

BAR = Baratavia Bay
MSS = Mississippi Sound
CLS = Chandeleur Sound
bio = remote biopsy sampling
pho = photo-id mark-recapture
sampling