

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011

Surveyors:

ANNU SMITH

DAILY POOPATANAPONG

Surveyor Signatures:

ANNU SMITH

Daily Poopatanapong

Survey Transect # KL-08-04

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, falling, slack low, slack high	
17/18 M	-	1733	09:56	N30.22566 E-88.00174	L	1m 0005 5m 0007 25m 0008	INT	Y	rising	LEFT WING BROKEN
107/108 L	-	1018	10:20	N30.22457 E-88.00898	L	1m 0009 5m 0011 25m 0012	INT	Y		
89/90 M	-	782	10:35	N30.22441 E-88.01147	L	1m 0013 5m 0015 25m 0016	INT	Y		
51/82 S	-	971	10:53	N30.22460 E-88.00954	U	1m 0017 5m 0019 25m 0020	INT	Y		NECK BROKEN Near entrance way/beach access pathway
						1m 5m 25m				
						1m 5m 25m				

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: ANDY SMITH AMLY POOPATANAPONG		Surveyor Signatures: <i>Andy Smith</i>					
Survey Transect # AL-23-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 603788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high Notes
119/ 120 L	—	237	11:45	N 30.22910 E -87.97535	WRACK	1m 0021 5m 0023 25m 0024	INT	Y	VEHICLE TRACKS THROUGH WRACK
1/2 M	—	560	12:04	N 30.22937 E -87.97202	LOW	1m 0025 5m 0027 25m 0028	INT	Y	
5/52 L	—	1994	12:32	N 30.23051 E -87.95725	WRACK	1m 0029 5m 0031 25m 0032	INT	Y	CURIOUS DOG NEARBY
118/ 117	—	1672	12:58	N 30.23032 E -87.96053	LOW WRACK	1m 0033 5m 0035 25m 0036	INT	Y	
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: [Signature]					
Survey Transect # AL-07-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>(falling)</u> slack low, slack high
25/ 26 M	-	267	16:14	N 30.24865 E -88.20034	LOW	1m 0037	INT	YES	
						5m 0039			
						25m 0040			
123/ 124 L	-	1277	16:52	N 30.24841 E -88.18708	LOW	1m 0042	INT	YES	
						5m 0044			
						25m 0045			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/21/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>Andy Smith</i> <i>Amy Poopatana Pong</i>					
Survey Transect # KL-08-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>(falling)</u> slack low, slack high
51/ 58 S	—	725	18:22	N30.24496 E-88.08906	UPPER	1m 0046	INT	YES	
						5m 0048			
						25m 0049			
67/68 S	—	2000	19:02	N30.24615 E-88.01580	LOW	1m 0050	INT	YES	• MOVED LOC = From 1987m TO AVOID RAP RAP • BROKEN FT WING + NECK
						5m 0052			
						25m 0053			
64/ 63 S	—	1852	19:19	N30.24664 E-88.07750	WRACK	1m 0057	INT	YES	
						5m 0059			
						25m 0060			
106/ 105 L	—	1626	19:27	N30.24666 E-88.07980	UPPER	1m 0061	INT	YES	BROKEN NECK
						5m 0063			
						25m 0064			
55/ 56 S	—	1619	19:34	N30.24656 E-88.07997	LOW	1m 0065	INT	YES	X
						5m 0067			
						25m 0068			
103/ 104 L	—	1584	19:41	N30.24663 E-88.08026	UPPER	1m 0069	INT	YES	X
						5m 0071			
						25m 0072			

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Date (mm/dd/yyyy): 06/12/2011		Surveyors: ANDY SMITH RUMY POB PATANAPONGA			Surveyor Signatures: <i>A. Smith</i> <i>Rumy Pobpatanapong</i>				
Survey Transect: 123 AL-07-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, slack high
25/ 26 M	N30.24865 E-88.20034	270	07:37	N30.24866 E-88.20034	LOW (IN WASH JUST BELOW WRACK)	303778	INT	YES	<input checked="" type="radio"/> rising, <input type="radio"/> falling, <input type="radio"/> slack low, <input type="radio"/> slack high
						1m 0080			
						5m 0081			
						25m 0082			
123/ 124 L	N30.24841 E-88.18708	1277	08:37	SAME	LOW	1m 0083	INT	YES	GHOST CRAB HOLE UNDER BODY, BUT NO PERFORATIONS IN CARCASS
						5m 0084			
						25m 0085			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Date (mm/dd/yyyy): 06/13/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG				Surveyor Signatures: <i>Andy Smith</i> <i>Amy Poopatarnapong</i>			
Survey Transect # AL-08-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>talling</u> , slack low, slack high
57/ 58 S	N 30.24496 E-88.08906	725	10:17	SAME	UPPER	1m 0086	INT	YES	
						5m 0087			
						25m —			
103/ 104 L	N 30.24663 E-88.08026	1584	10:35	SAME	UPPER	1m 0088	INT	YES	
						5m 0089			
						25m —			
105/ 106/105 L	N 30.24666 E-88.07980	1626	10:40	SAME	UPPER	1m 0090	INT	YES	FEETLES, CRAB TRACKS
						5m 0091			
						25m —			
55/ 56 S	N 30.24652 E-88.07997	1619	10:46	GONE	LOWER	1m —	GONE	NO	NO SIGN OF BIRD OR BLOCK.
						5m —			
						25m —			
64/ 63 M	N 30.24664 E-88.07750	1852	10:55	SAME	WRACK	1m 0092	DIST	YES	SMALL HOLE IN SKIN ABDOMEN
						5m 0093			
						25m —			
67/ 68 M	N 30.24615 E-88.07580	1987	11:00	GONE	LOW	1m —	GONE	NO	NO SIGN OF BIRD OR BLOCK
						5m —			
						25m —			

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Date (mm/dd/yyyy): 06/13/2011		Surveyors: ANDREW SMITH AARON POOPATANAPONG		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect # AL-23-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high
119/ 120 L	N 30.22910 E -87.97535	237	12:59	SAME	WRACK	1m 0094	INT	YES	
						5m 0095			
						25m —			
1/2 M	N 30.22940 E -87.97202	560	13:03	SAME (?) DONT HAVE YESTERDAY'S COORD. WILL CHECK.	LOW	1m 0096	INT	YES	
						5m 0097			
						25m —			
118/ 117 L	N 30.23032 E -87.96053	1672	13:27	SAME	WRACK	1m 0098	INT	YES	
						5m 0099			
						25m —			
51/ 52 L	N 30.23051 E -87.95725	1994	13:44	SAME	WRACK	1m 0101 0100	INT	YES	
						5m 0102 0101			
						25m —			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Date (mm/dd/yyyy): 06/13/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect # AL-08-04									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803788	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
89/ 90 M	N 30.22441 E -88.01147	782	15:37	~1m SW	LOW	1m 102	SB	YES	BIRD MOVED - 1m SW OFF BLOCK. ALMOST ALL FLESH COMPLETELY GONE, APPARENTLY BY GHOST CRAB. SEVERAL HOLES NEXT TO CARCASS. ONE CRAB SEEN ON CARCASS.
						5m 104			
						25m —			
51/ 82 M	N 30.22460 E -88.00954	971	15:45	SAME	UPPER	1m 105	DIST	YES	BACK OF HEAD + NECK FORWARDED. ABDOMEN INTACT
						5m 106			
						25m —			
107/ 108 L	N 30.22457 E -88.00898	1018	15:50	SAME	LOW	1m 107	DIST	YES	EYEBALLS, SOME ORGANS GONE. GHOST CRAB.
						5m 108			
						25m —			
17/ 18 M	N 30.22566 E -88.00174	1733	16:09	SAME	LOW	1m 109	DIST	YES	EYEBALLS, SOME ORGANS GONE.
						5m 110			
						25m —			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Date (mm/dd/yyyy): 06/14/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect # AL-07-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						B03788			Photo(s) ID# ⁴
25/ 26 M	N 35.24865 E -88.20034	267	07:21	SAME	LOW	1m 0115	INT	YES	SOME INSECTS, GHOST CRAB CHEWING ON LEGS BUT NO BROKEN SKIN.
						5m 0116			
						25m —			
123/ 124 L	N 30.24841 E -88.18708	1277	08:07	SAME	LOW	1m 0117	DIST	YES	GHOST CRAB. ABDOMINAL CAVITY PUNCTURED BUT ALL ORGANS APPEAR TO BE INTACT.
						5m 0118			
						25m —			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Date (mm/dd/yyyy): 06/14/2011		Surveyors: ANDY SMITH ANN POOPATANAPONG		Surveyor Signatures: <i>Andy Smith</i> <i>Ann Poopatanapong</i>					
Survey Transect # AL-08-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 303788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>telling</u> , slack low, slack high Notes
57/ 58 S	N30.24496 E-88.08906	725	09:36	N30.24496 E-88.08914	UPPER	1m 0120 5m 0121 25m 0122	DIST	PRESENT AT ORIGINAL SITE; NOT WITH BIRD	MOVED ~ 10m W. HEAD REMOVED, BODY MOSTLY INTACT - NEW WAT POINT = AL0802 57-58-1
103/ 104 L	N30.24663 E-88.08026	1584	10:01	SAME	UPPER	1m 0123 5m 0124 25m —	INT	YES	LOOKS HARDLY TOUCHED
106/ 105 L	N30.24660 E-88.07980	1626	10:08	SAME	UPPER	1m 0125 5m 0126 25m —	INT	YES	EYES GONE BUT OTHERWISE INTACT.
64/ 63 M	N30.24664 E-88.07150	1852	10:14	SAME	WRACK	1m 0127 5m 0128 ^{AS} 25m —	DIST	YES	SMALL HOLE IN CHEST. ORGANS APPEAR INTACT.
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/14/2011		Surveyors: ANDY SMITH AMY POOPATANOPONG		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect # AL-23-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			Notes
119/ 120 L	N 30.22910 E-87.97535	237	12:41	SAME	WRACK	1m 0128 5m 0129 25m —	DIST	YES	rising, <u>falling</u> , slack low, slack high
1/2 M	N 30.22940 E-87.97202	560	12:49	SAME	LOW	1m 0130 5m 0131 A3 25m —	DIST	YES	PUNCTURE IN ABDOMEN. SOME ORGANS MAY BE MISSING.
118/ 117 L	N 30.23032 E-87.96053	1672	13:10	SAME	WRACK	1m 0132 ¹³¹ 5m 0133 ¹³² 25m —	INT	YES	EYES EATEN. CARCASS NOT PUNCTURED.
51/ 52 L	N 30.23051 E-87.95725	1992	13:17	SAME	WRACK	1m 0134 ¹³³ 5m 0135 ¹³⁴ 25m —	DIST	YES	SKIN PUNCTURED BUT ORGANS APPEAR TO BE PRESENT. • BROT GROOMER NEAR HERE BUT DID NOT DISTURB CARCASS.
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/14/2011		Surveyors: AMY SMITH AMY POPATONAPONG		Surveyor Signatures: Amy Smith Amy Popatonapong						
Survey Transect # AL-08-04										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
89/90 M	N30.22441 E-88.01147	782	14:48	GONE, BLOCK HAS NOT MOVED.	LOW	1m 0135 5m — 25m —	GONE	YES	<u>falling</u>	NO SIGN OF BIRD EXCEPT SOME FEATHERS. BLOCK STILL PRESENT. GHOST CRAB HOLE NEXT TO BLOCK.
91/82 S	N30.22460 E-88.00954	971 (NOW 974)	14:56	N30.22459 E-88.00952	UPPER	1m 136 5m 137 25m 140	DIST	YES		*MOVED ~3m E. *HEAD + SKUL GONE. BEETLE HOLES ON BACK. ORGANS PRESENT. NEAR CRAB HOLE
107/108 L	N30.22457 E-88.00898	1018	15:02	SAME	LOW	1m 138 5m 139 25m —	OR	YES		NEXT TO GHOST CRAB HOLE
17/18 M	N30.22566 E-88.00174	1733	15:14	SAME	LOW	1m 141 5m 142 25m —	DIST/OR	YES		SOME ORGANS GONE BUT NOT ALL. TAIL, EYES REMOVED.
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011		Surveyors: ANDY SMITH BILLY POOPATANAPONG		Surveyor Signatures: <i>Andy Smith</i> <i>Billy Poopatanapong</i>					
Survey Transect # AL-07-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 303788	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			Notes
25/ 26 M	N30.24865 E-88.20034	267	06:42	SAME	LOW	1m 0147	DIST	YES	Tide (circle one): <u>rising</u> falling, slack low, slack high
						5m 0148			
						25m —			
123/ 124 L	N30.24841 E-88.18708	1277	07:20	SAME	LOW	1m 0149	INT	YES	Notes
						5m 0150			
						25m —			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011		Surveyors: ANDY SMITH AMYE POOPATANAPONG		Surveyor Signatures: <i>Andy Smith</i> <i>Amy Poopatamony</i>						
Survey Transect # AL-08-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising falling, slack low, slack high	Notes
57/ 58 S	N30.24496 E-88.08914	725	08:31	MISSING	UPPER	1m 0151 5m 0152 25m X	MISSING	YES	rising	BLOCK PRESENT BUT BIRD MISSING.
103/ 104 L	N30.24663 E-88.08026	1584	08:54	SAME	UPPER	1m 0153 5m 0154 25m X	INT	YES		LOTS OF CRAB PRINTS AROUND. FLIES ON BODY BUT NO HAIR IN SKIN. CARCASS DESSICATED + HARD.
106/ 105 L	N30.24666 E-88.07980	1626	09:00	SAME	UPPER	1m 0155 5m 0156 25m X	DIST	YES		BEETLES, CRABS. SKIN PUNCTURED BUT ORGANS, PECTORALS REMAIN. STUNKY, NOT DRY
64/ 63 M	N30.24664 E-88.07750	1852	09:05	SAME	WRACK	1m 0157 NB 5m 0158 25m X	OR	YES		LOTS OF WAGGOTS. ABDOMEN PUNCTURED IN FRONT + BACK. STUNKY, NOT DRY.
						1m 5m 25m X				
						1m 5m 25m X				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011		Surveyors: ANDY SMITH BILLY POOPATANADONG		Surveyor Signatures: <i>Andy Smith</i> <i>Billy Poopatanaadong</i>					
Survey Transect # AL-23-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, (falling), slack low, slack high
119/120 L	N30.22910 E-87.97335	237	10:37	SAME	WRACK	603788	DIST	YES	(falling)
						1m 0159			
						5m 0160			
1/2 M	N30.22940 E-87.97202	560	10:51	MISSING	LOW	1m 0161	MISSING	NO	(falling)
						5m 0162			
						25m X			
118/117 L	N30.23032 E-87.96053	1672	11:10	SAME	WRACK	1m 0163	INT	YES	(falling)
						5m 0164			
						25m X			
51/52 L	N30.23051 W-87.95725	1994	11:20	SAME	WRACK	1m 0165	DIST	YES	(falling)
						5m 0166			
						25m X			
						1m			(falling)
						5m			
						25m			
						1m			(falling)
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011		Surveyors: ANDY SMITH AMY POOPATWAPONG		Surveyor Signatures: <i>Andy Smith</i> <i>Amy Poopatwamong</i>						
Survey Transect # AL-08-04										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
54/82 S	N30.22459 E-88.00952	971	12:21	SAME	UPPER	1m 0167 5m 0168 25m X	OR	YES	(circled)	LEG TAG FLEW OFF. PUT ON OTHER WING. MOST OR ALL ORGANS APPEAR TO BE GONE.
107/108 L	N30.22457 E-88.00898	1018	12:37	MISSING	LOW	1m X 5m 0169 25m X	MISSING	NO		TIRE TRACKS NEAR LOCATION. POSSIBLY WASHED AWAY.
17/18 M	N30.22566 E-88.00174	1733	12:48	SAME	LOW	1m 0170 5m 0171 25m X	OR	YES		BETTER, CRABS. ORGANS GONE, PECTORALS REMAIN. LARGE HOLE IN ABDOMEN.
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011		Surveyors: ANDY SMITH Amy Poopatanapong				Surveyor Signatures: <i>[Signature]</i>			
Survey Transect # AL-07-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, slack high
25/ 26 M	N30.24865 E-88.20034	267	07:28	SAME	LOW	603788	OR	YES	Notes
						1m 0176			
						5m 0177			
						25m X			
123/ 124 L	N30.24841 E-88.18708	1277	08:12	MISSING	LOW	0178	MISSING	YES	NEIGHBOURS SAY SOMEONE CAME IN A VEHICLE AND REMOVED CARCASS, POSSIBLY A STATE VEHICLE.
						5m 0179			
						25m X			
						1m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011		Surveyors: ANDY SMITH AMY POTATAMONGA		Surveyor Signatures: [Signature]					
Survey Transect # AL-08-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			Notes
103/ 104 L	N 30.24663 E -88.08026	1584	10:15	SAME	UPPER	303788	INT	Y	(rising) falling, slack low, slack high
						1m 0180			
						5m 0181			
106/ 105 L	N 30.24666 E -88.07980	1626	10:25	SAME	UPPER	1m 0186	DIST	Y	SOME ORGANS REMOVED, PECTORALS REMAIN. LOTS OF FLIES, SOME MAGGOTS. ODOUROUS.
						5m 0187			
						25m X			
64/ 63 M	N 30.24664 E -88.07750	1652	10:30	SAME	WRACK	1m 0188	PR/OR	Y	LOTS OF MAGGOTS. ORGANS APPEAR TO BE GONE, PECTORALS GONE BUT SOME FLESH REMAINS. NOT YET SB
						5m 0189			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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ONE GULL CARCASS ENCOUNTERED @ N 30.24659 E -88.08035 IN LOWER WRACK. STATE: SB, MOSTLY BURIED. IMMATURE
 HERRING GULL? NO BANDS. NO VISIBLE OIL PHOTOS: 0182-SKIN BURIED, 1m; 0183-SKIN BURIED, 5m; 0184-UNCOVERED, 1m;
 0185-UNCOVERED, 5m.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>						
Survey Transect # AL-2302										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
119/ 120 L	N30.22910 E-87.95735	237	12:05	SAME	WRACK	1m 0190 5m 0191 25m X	OR	YES		ORGANS GONE. PECTORALS APPEAR TO BE MOSTLY INTACT. MAGGOTS, BEETLES, CRABS.
118/ 117 L	N30.23032 E-87.96053	1672	12:47	SAME	WRACK	1m 0195 5m 0196 25m X	INT	YES		SOMEWHAT FRY + HARD. NO EVIDENCE OF SCAVENGING, EXCEPT EYES MISSING.
51/ 52 L	N.30.23051 E-87.95725	1994	13:05	SAME	WRACK	1m 0198 5m 0199 25m X	DIST	YES		NO OBVIOUS HOLES BUT ABDOMINAL CAVITY APPEARS TO BE PARTIALLY VACANT. BEETLES + MAGGOTS
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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INJURED NORTHERN GANGET FISH. INJURED NOAA. LYING ON BEACH, APPARENTLY UNABLE TO MOVE. TOLD BY VACATIONERS THAT IT HAS AN OIL ON THE UNDERSIDE AND CAN GET BUT NOT WALK. PHOTO # 0197

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011		Surveyors: ANDY SMITH AMU POOPATANAPONG		Surveyor Signatures: Amy Poopatanapong						
Survey Transect # AL-08-04										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
89/90 M	N30.22441 E-88.01147	4970	12:28	N30.22970 E-88.96835	LOW	1m 0192 5m 0193 25m 0194	SB	NO	<u>falling</u>	BIRD FOUND 4190m E OF ORIGINAL LOCATION. FISHED OUT OF SURF BY CHILD. LEFT IN LOWER ZONE WHERE FOUND. LEG TAG MISSING. RE-LABELLED USED BLOCK + PLACED W/ BIRD.
51/82 S	N30.22460 E-88.00954	971	14:56	SAME	UPPER	1m 0200 5m 0201 25m X	SB	YES		MAY BE SOME ORGANS REMAINING. 1 LEG, TAIL, HEAD GONE. SOME FLESH REMAINS, BUT MOSTLY SKIN, BONES + FEATHERS
004 17/18 M	N30.22566 E-88.00174	1733	15:16	SAME	WRACK	1m 0202 5m 0203 25m X	OR	YES		SOME, BUT NOT ALL ORGANS GONE. 1 LEG, LEG BAND, TAIL GONE. BEETLES STARTING TO EAT PECTORALS, BUT MOST REMAIN.
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>							
Survey Transect # AL-07-02											
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 303788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes	
25/ 26 M	N30.24865 E-88.20034	267	07:15	N30.24870 E-88.20034 LWP = AL0702 25-26-1)	LOW	1m 0208 5m 0209 25m 0210	SB	YES (NEXT TO BIRD)	(rising)	POSSIBLY ONE ORGAN REMAINS. ALL ORGANS + PECTORALS OTHERWISE REMOVED. BIRD MOVED ~ 4m W. PROBABLY FLOATED BY TIDE. IN WRACK.	
											1m
											5m
											25m
											1m
											5m
											25m
											1m
											5m
											25m
											1m
											5m
25m											

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NOTE: TALKED TO A CITY OF DAUPHIN ISLAND TRASH COLLECTOR. SAWS HE HAS BEEN PICKING UP DEAD BIRDS ON BEACH. SUSPECT HE LIKELY REMOVED BIRD #123/124 FROM THIS TRANSECT.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>[Signature]</i> <i>Amy Poopatampong</i>					
Survey Transect # AL-08-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high Notes
103/ 104 L	N30.24663 E-88.08026	1584	09:46	SAME	LOW	1m 0211 5m 0212 25m X	DIST	YES	SMALL HOLES IN HEAD + ABDOMEN. MAGGOTS IN HEAD, BEETLES, ORGANS + PECTORALS REMAIN. WAS DRY + HARD, BECOMING SQUISHY.
105/ 106 L	N30.24666 E-88.07980	1622	09:51	SAME	UPPER	1m 0213 5m 0214 25m X	PR	YES	PECTORALS REMOVED, ORGANS MAY BE PARTIALLY GONE. BEETLES + MAGGOTS + ANTS. HOLE IN SIDE OF ABDOMEN + ON BACK NEAR TAIL.
64/ 63 M	N30.24664 E-88.07150	1852	10:02	SAME	WRACK	1m 0215 5m 0216 25m X	PR+OR	YES.	ORGANS + PECTORALS MOSTLY REMOVED BUT SOME FLESH REMAINS. MAGGOTS. SURELY
 	 	 	 	 	 	1m 5m 25m	 	 	
 	 	 	 	 	 	1m 5m 25m	 	 	

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/2011		Surveyors: ANDY SMITH Amy POOPATANAPONG		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect # AL-23-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 603788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high Notes
119/120 L	N 30.22510 E-87.97535	237	12:06	SAME	WRACK	1m 0217 5m 0218 25m X	OR+PR	YES	ORGANS + PECTORALS APPEAR TO BE REMOVED. SOME FLESH REMAINS. MAGGOTS + CRABS.
118/117 L	N 30.23032 E-87.96053	1672	12:33	SAME	WRACK	1m 0219 0221 5m 0220 0222 25m X	INT	YES	1 BEETLE. NO MAGGOTS OR CRABS. NO HOLES OR ODOURS.
51/52 L	N 30.23051 E-87.95725	1994	12:42	SAME	WRACK	1m 0223/0224 5m 0225 25m X	PR	YES	PECTORALS ALL OR MOSTLY GONE. ORGANS APPEAR TO BE MOSTLY INTACT. WAS BURIED IN SAND WHEN FOUND. UNCOVERED BARE
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>Andy Smith</i> <i>Amy Poopatanapong</i>						
Survey Transect # AL-08-04										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
89/ 90 M	N30.22970 E-87.96835	4970	12:20	SAME	LOW	1m 0249 5m 0220 25m X	SB	YES	rising	MOSTLY BONES + FEATHERS.
51/ 82 S	N30.22460 W-88.00954	971	13:58	SAME	UPPER	1m 0226 5m 0227 25m	SB	YES	rising	RIB CAGE, WINGS, BONES + FEATHERS ONLY. HEAD, TAIL, NECK + MOST OF ABDOMEN GONE.
17/ 18 M	N30.22566 E-88.00174	1733	14:21	MISSING	LOW	1m X 5m 0228 25m	MISSING	NO	rising	NO SIGN OF BIRD OR BLOCK. SUSPECT IT FLOATED AWAY IN HIGH TIDE LAST NIGHT.
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/18/2011		Surveyors: ANDY SMITH AMY POOPATHANAPONGA			Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>						
Survey Transect # AL-09-02											
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): (rising, falling, slack low, slack high)	Notes	
25/ 26 M	N 30.24870 E -88.20039	267	08:17	N 30.24873 E -88.20034 (WP = AL0902 25-26-2)	L	1m 228 ²²⁹ AS 5m 230 25m X	SB	YES ~50cm AWAY	(rising)	MOVED 3-6 m, PROBABLY FLOATED ON TIDE. NO ORGANS, NO MUSCLES. LITTLE BIT OF SKIN REMAINS.	
											1m
											5m
											25m
											1m
											5m
											25m
											1m
											5m
											25m
											1m
											5m
25m											

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/18/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>						
Survey Transect # AL-08-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
103/ 104 L	N 30.24663 E-88.08026	1584	10:08	SAME	UPPER	1m 0231 5m 0232 25m X	DIST	YES	(rising)	SOME SMALL HOLES. ORGANS MAY BE PARTIALLY EATEN. PECTORALS REMAIN. STARTING TO SWELL. FEW MAGGOTS
106/ 105 L	N 30.24666 E-88.07980	1626	10:14	SAME	UPPER	1m 0233 5m 0234 25m X	DIST	YES	(rising)	ORGANS PARTIALLY MISSING. PECTORALS PRESENT. MAGGOTS + CRABS
64/ 63 M	N 30.24664 E-88.07750	1852	10:21	SAME	WRACK	1m 0235 5m 0236 25m X	PR+OR	YES	(rising)	ORGANS + PECTORALS REMOVED BUT SOME FLESH REMAINS. MAGGOTS, CRABS + ANTS.
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/18/2011		Surveyors: ANDY SMITH AMY POOPATANAPONGA		Surveyor Signatures: <i>Andy Smith</i> <i>Amy Poopatanapong</i>						
Survey Transect # AL-2311-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
119/120 L	N30.22910 W-87.97535	237	12:05	SAME	WRACK	1m 0237 5m 0238 25m X	OR	YES	rising	ORGANS APPEAR TO BE GONE, PECTORALS REMAIN. BIRD MOVED ~ 40 CM. CRABS + BEETLES. NO MAGGOTS
118/117 L	N30.23032 E-87.96053	1672	12:33	SAME	WRACK	1m 0241 0242 KS 5m 0242 0243 25m X	DIST	YES	falling	HAS BEEN PUNCTURED BECAUSE LEAKING FLUIDS. NO OBVIOUS HOLES. ORGANS + PECTS INTACT. BEETLES + CRABS (?)
5V/52 L	N30.23051 E-87.95725	1994	12:43	MISSING	WRACK	1m 0243 5m 0244 25m 0245	MISSING	YES	falling	RIGHT NEXT TO LARGE TENT. SUSPECT REMOVED BY PEOPLE.
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/18/2011		Surveyors: ANDY SMITH BILLY PODPATKAPONG		Surveyor Signatures: <i>Andy Smith</i> <i>Billy Podpatkpong</i>					
Survey Transect # AL-08-04									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high
89/ 90 M	N 30.22970 E -87.96835	702 4970(2)	12:19	SAME	LOW	303788	SB	YES	MOSTLY JUST BONES + FEATHERS.
						1m 0239			
						5m 0240			
SY/ 82 S	N 30.22459 E -88.00952	971	14:04	SAME	UPPER	0246	SB	YES	MOSTLY FEATHERS + BONES. RIB- CAGE + WINGS REMAIN. NO LITTLE TO NO FLESH REMAINS. NO LEGS, HEAD, NECK OR TAIL.
						5m 0247			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/19/2011		Surveyors: ADY SMITH JIM POOPATWAPONG		Surveyor Signatures: <i>Ady Smith</i> <i>Jim Poopatwamong</i>					
Survey Transect # AL-07-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, slack high
25/ 26 M	N30.24813 E-88.20041	267	07:54	SAME	LOW	BO3788	SB	YES	Notes
						1m 0252			
						5m 0253			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/19/2011		Surveyors: ANDY SMITH AMY PODPATNADONG		Surveyor Signatures: <i>Andy Smith</i> <i>Amy Podpatnady</i>						
Survey Transect # AL-08-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): (rising) falling, slack low, slack high	Notes
103/ 104 L	N30.24663 E-88.08026	1584	10:08	SAME	UPPER	1m 0254	PR	YES	(rising)	PECTORALS REMOVED, ORGANS APPEAR TO BE MOSTLY INTACT. LARGE HOLES IN DORSAL + VENTRAL ABDOMEN. ANTS, MAGGOTS, BEETLES
						5m 0255				
						25m X				
106/ 105 L	N30.24666 E-88.07980	1626	10:13	SAME	UPPER	1m 0256	PR	YES	(rising)	ORGANS APPEAR TO BE PRESENT. PECTORALS APPEAR TO BE AT LEAST PARTIALLY REMOVED. LARGE HOLES IN DORSAL + VENTRAL ABDOMEN. ANTS, BEETLES, MAGGOTS + CRABS
						5m 0257				
						25m X				
64/ 63 M	N30.24664 E-88.07150	1852	10:21	SAME	WRACK	1m 0258	OR+PR	YES	(rising)	ORGANS + PETS REMOVED BUT SOME FLESH REMAINS. ANTS, MAGGOTS + CRABS
						5m 0259				
						25m X				
NOTE: RECREATIONAL SURVEYING OBSERVED BLOCK IN SAND-CASTLE ALONG TRANSECT. WILL SEARCH FOR IT TOMORROW.						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/19/2011		Surveyors: ANDY SMITH AMY POOPATANADONK		Surveyor Signatures: Andy Smith Amy Poopatamony					
Survey Transect # AL-230-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803788	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
119/ 120 L	N30.22910 E-81.97535	237	12:54	SAME	WRACK	1m 0260	OR	YES	LARGE HOLE LOWER VENTRAL ABDOMEN. BEETLES + CRABS BUT NO MAGGOTS SEEN.
						5m 0261			
						25m X			
118/ 117 L	N30.23032 E-81.96053	1672	13:21	SAME	WRACK	1m 265	DIST	YES.	SMELLY. JUICY. NO OBVIOUS LARGE HOLES. ORGANS + PECTORALS PRESENT. BEETLES. NO ANTS, MAGGOTS, FLIES OR CRABS OBSERVED.
						5m 266			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/19/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>Andy Smith</i> <i>Amy Poopatarnpong</i>					
Survey Transect # AL-08-04									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, slack high
89/ 90 M	N30.22970 E-87.96835	4970	13:08	SAME	LOW	1m 0262/0264	SB	YES	Notes
						5m 0263			
						25m X			
51/ 82	N30.22460 E-88.00054	971	14:30	SAME	UPPER	1m 0267	SB	YES	MOSTLY BONES + FEATHERS. POSS. A LITTLE SKIN. HAD BEEN COVERED BY SAND. UNCOVERED BIRD.
						5m 0268			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

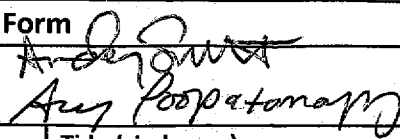
Date (mm/dd/yyyy): 06/20/2011

Surveyors: ANDY SAUTER

Surveyor Signatures:

Survey Transect # AL-07-02

AMY POOPATANAPONG



Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			(rising) falling, slack low, slack high	
25/ 26 M	N30.24873 E88.20034	267	07:50	SAME	LOW	1m 0273	SB	YES	(rising)	MOSTLY JUST RIB CAGES, WINGS, HEAD + LEGS. LITTLE BIT OF SKIN + FRESH REMAINS. CRABS.
						5m 0274				
						25m X				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/20/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: Andy Smith Amy Poopatanapong						
Survey Transect # AL-08-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
103/ 104 L	N30.24663 E-88.08026	1584	10:15	SAME	UPPER	1m 0275 5m 0276 25m X	DIST	YES	(circle one) rising	1 PECTORAL, SOME ORGANS MISSING BUT NOT ALL. ANTS + MAGGOTS. ODOROUS.
106/ 105 L	N30.24666 E-88.07950	1626	10:22	SAME	UPPER	1m 0277 5m 0278 25m X	PR	YES		PECTORALS APPEAR REMOVED, ORGANS APPEAR (MOSTLY) PRESENT. ANTS + MAGGOTS + CRABS.
64/ 63 M	N30.24664 E-88.07750	1852	10:30	SAME (MOVED ~ 30 CM)	WRACK	1m 0279 5m 0280 25m X	PR+OR	YES		PECTORALS + ORGANS GONE. BONES, FEATHERS + SKIN REMAIN, SMALL AMOUNT OF FLESH.
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/20/2011		Surveyors: ANDY SMITH ANDY POSEIDONAPONG		Surveyor Signatures: Andy Smith Andy Poseidonapong						
Survey Transect # AL-23-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising falling, slack low, slack high	Notes
119/120 L	N30.22910 E-87.97535	237	12:05	SAME	WRACK	1m 0281 5m 0282 25m X	PR PR+OR	YES	rising	BEEFLES + CRABS. PECTORALS + ORGANS GONE. OTHERWISE RELATIVELY INTACT. HAS HEAD, TAIL, LEGS, MOST FEATHERS.
118/117 L	N30.23032 E-87.96053	1672	12:32	SAME	WRACK	1m 0285 5m 0286 25m X	DIST	YES		ORGANS + PECTORALS APPEAR TO BE PRESENT. NO OBVIOUS LARGE HOLES.
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/20/2011		Surveyors: ANDY SMITH ANDY POOPATANAPONG		Surveyor Signatures: <i>Andy Smith</i> <i>Andy Poopatannapong</i>						
Survey Transect # AL-08-04										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803188 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): Rising, falling, slack low, slack high	Notes
89/90 M	N30.22570 E-87.86835	4970	12:20	SAME	LOW	1m 0283 5m 0284 25m X	SB	YES	(Rising)	ABOUT THE SAME AS YESTERDAY
51/82 S	N30.22460 E-88.00954	971	13:41	SAME	UPPER	1m 0287 5m 0288 25m	SB	YES		RIB CAGE + WINGS ONLY.
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/21/2011		Surveyors: BLAKE ANDY SUMMIT ANDY POOSPATANAPONGA		Surveyor Signatures: Blake Summit Andy Poopatarnapong					
Survey Transect #: AL-07-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, slack high
25/ 26 M	N30.24813 E-88.20034	267	07:29	SAME	LOW	1m 0289	SB	YES	SKIN, BONES + FEATHERS.
						5m 0290			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/21/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: Andy Smith Amy Poopatannapong					
Survey Transect # AL-08-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
64/ 63 M	N30.24664 E-88.07750	1852	09:08	SAME	WRACK	1m 0291	SB	YES	SIMILAR TO YESTERDAY
						5m 0292			
						25m X			
106/ 105 L	N30.24664 E-88.07980	1626	09:17	SAME	UPPER	1m 0293	OR+PR	YES	ORGANS + PECTORALS APPEAR TO BE MISSING. OTHERWISE, RELATIVELY INTACT.
						5m 0294			
						25m X			
103/ 104 L	N30.24663 E-88.08026	1584	09:22	SAME	UPPER	1m 0295	OR+PR	YES	ORGANS + PECTORALS APPEAR TO BE MISSING. BIG HOLE IN CHEST. MOSTLY BONE, SKIN + FEATHERS REMAIN. SOME FLESH.
						5m 0296			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form¹

Date (mm/dd/yyyy): 06/21/2011		Surveyors: KIM SMITH AMY ROBERTSON		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect # AL-238-02									
Carcass ID and size ²	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): <u>rising</u> , falling, slack low, slack high Notes
119/120 L	N 30.22910 E -87.97535	237	11:11	SAME	WRACK	1m 0297 5m 0298 25m X	SB	YES	MOSTLY SKIN, BONES + FEATHERS. LARGE HOLE IN VENTRAL ABDOMEN. CRABS. NO OBVIOUS INVERTEBRATES.
118/117 L	N 30.23032 E -87.96053	1672	11:39	SAME	WRACK	1m 0301 5m 0302 25m X	DIST	YES	PECTORALS MAY BE PARTIALLY MISSING. ORGANS APPEAR TO BE PRESENT. NO OBVIOUS LARGE HOLES. BEETLES + MAGGOTS.
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/21/2011		Surveyors: ANDY ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>Andy Smith</i> <i>Amy Poopatanapong</i>					
Survey Transect # AL-08-04									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, slack high
89/ 90 M	30.22970 E-81.96835	4970	11:26	SAME	LOW	803788	SB	YES	SAME AS YESTERDAY.
						1m 0299			
						5m 0300			
51/ 82 S	N30.22460 E-88.00954	971	12:48	SAME	UPPER	1m 0303	SB	YES	SKIN, BONES + FEATHERS. SAME AS YESTERDAY.
						5m 0304			
						25m X			
107/ 108 L	N30.22457 E-88.00898	1018	12:54	SAME	LOW	1m 0305	MISSING	YES	FOUND BLOCK IN ORIGINAL LOCATION BUT NO BIRD, BLOCK POSS. UNCOVERED BY BIG WAVES LAST NIGHT.
						5m 0306			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/22/2011		Surveyors: ANOY SMITH AMY DOOPATANAPONG		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>						
Survey Transect # AL-07-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, <u>slack low</u> , slack high	Notes
25/26 M	N 30.24873 E 88.20034	267	07:52	SAME	LOW	1m 0315 5m 0316 25m X	SB	YES	<u>slack low</u>	NO CHANGE FROM YESTERDAY.
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/22/2011		Surveyors: ANDY SMITH AMY POOPATANADONG		Surveyor Signatures: <i>Andy Smith</i> <i>Amy Poopatanadong</i>					
Survey Transect # AL-08-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788	Carcass State ⁵	Block Present? ⁶	Tide (circle one): <u>low</u> rising, falling, <u>slack low</u> , slack high
						Photo(s) ID# ⁴			Notes
103/ 104 L	N30.24663 E-88.08026	1584	09:34	SAME	UPPER	1m 0317	OR+PR	YES	ORGANS + PECTORALS BOTH GONE. MOSTLY SKIN, BONES + FEATHERS. SOME FLESH REMAINS (THEREFORE NOT YET SB)
						5m 0318			
						25m X			
106/ 105 L	N30.24666 E-88.07980	1626	09:44	SAME	UPPER	1m 0323	OR+PR	YES	ORGANS + PECTORALS BOTH MISSING. MOSTLY SKIN, BONES + FEATHERS
						5m 0324			
						25m X			
64/ 63 _m	N30.24664 E-88.07750	1852	09:50	SAME	WRACK	1m 0325	SB	YES	NO CHANGE FROM YESTERDAY.
						5m 0326			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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*DEAD PECTORS FOUND @ 09:38 ~ 10 m S OF CARCASS # 103-104 - IN WASH ZONE. NO VISIBLE OIL. INTACT. PHOTOS # 0319-0322

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form									
Date (mm/dd/yyyy): 06/22/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG			Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>				
Survey Transect #: KL-23-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, <u>slack high</u>
119/120 L	N30.22910 E-87.91535	237	12:02	SAME	WRACK	1m 0327	SB	YES	SKIN, BONES + FEATHERS. FLIES + BEETLES.
						5m 0328			
						25m X			
118/117 L	N30.23032 E-87.96053	1672	12:31	SAME	WRACK	1m 0331	PR	YES	NO LARGE OBVIOUS HOLES. PECTORALS APPEAR TO BE MISSING. ORGANS MAY BE ALSO. CRABS + BEETLE. NO MAGGOTS. QUITE A BIT OF FLESH REMAINS
						5m 0332			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/22/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>Andy Smith</i> <i>Amy Poopatanapong</i>						
Survey Transect # AL-08-04										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 603788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>	Notes
89 90 M	N30.22910 E87.96835	4970	12:16	SAME	LOW	1m 0329 5m 0330 25m X	SB	YES		UNCHANGED FROM YESTERDAY.
SV 82 S	N30.22459 E88.00952	971	12:58	SAME	UPPER	1m 0333 5m 033A 25m X	SB	YES		UNCHANGED FROM YESTERDAY.
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/23/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect #: K2-07-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			Notes
25/ 26 M	N30.24813 E-88.20034	267	07:12	SAME	LOW	1m 0339	SB	YES	SAME CONDITION AS YESTERDAY.
						5m 0340			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/23/2011

Surveyors: ANDY SMITH
AMY POOPATANAPONG

Survey Transect # AL-08-02

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, (slack high)
						Photo(s) ID# ⁴			Notes
103/104 L	N30.24663 E-88.08076	1584	08:20	SAME	UPPER	1m 0341	SB	YES	MAY BE SOME FLESH LEFT IN NECK + WINGS. OTHERWISE SKIN, BONES + FEATHERS. VERY LARGE CRAB HOLE.
						5m 0342			
						25m X			
106/105 L	N30.24666 E-88.07980	1626	08:26	SAME	UPPER	1m 0343	SB	YES	SKIN, BONES + FEATHERS. HEAD, WINGS + TAIL REMAIN. LARGE CRAB HOLE.
						5m 0344			
						25m X			
64/63 M	N30.24664 E-88.07150	1852	08:34	SAME	WRACK	1m 0345	SB	YES	LITTLE CHANGE SINCE YESTERDAY
						5m 0346			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/23/2011		Surveyors: ANDY SMITH AMY PODDATTANAPONG		Surveyor Signatures: <i>Andy Smith</i> <i>Amy Poddattanapong</i>					
Survey Transect #: AL-23-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, (falling, slack low, slack high)
119/120 L	N 30.22910 E-81.97535	237	10:26	SAME	WRACK	1m 0347	SB	YES	SKIN BONES + FEATHERS. AGED, TAIL + WINGS STILL PRESENT. SOME FLESH? MAGGOTS, ANTS + CRABS
						5m 0348			
						25m X			
118/117 L	N 30.23032 E-81.96053	1672	10:53	SAME	WRACK	1m 0351	PR+OR	YES	NO OBVIOUS LARGE HOLES BUT PECTORALS + ORGANS APPEAR TO BE MISSING. MAGGOTS + ANTS.
						5m 0352			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/23/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>Andy Smith</i> <i>Amy Poopatarnpong</i>						
Survey Transect #: AL-08-04										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
89/ 90 M	N30.22970 E-87.96835	4970	10:39	SAME	LOW	1m 0349	SB	YES	<u>falling</u>	LITTLE CHANGE SINCE YESTERDAY.
						5m 0350				
						25m X				
51/ 82 S	N30.22460 E-88.00954	971	11:17		UPPER	1m 0353	SB	YES	<u>falling</u>	NO CHANGE. TWO WINGS + RIB CAGE.
						5m 0354				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

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⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/24/2011		Surveyors: ANDY SMITH ANDY PASPATANAPONG		Surveyor Signatures: <i>Andy Smith</i> <i>Andy Papatapanpong</i>					
Survey Transect #: AL-08-04									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high
89/ 90 M	N30.22910 E-87.96835	4970	10:53	SAME	LOW	303788	SB	YES	NO SKIN. * LITTLE SKIN. MOSTLY FEATHERS + BONES.
						1m 0370			
						5m 0371			
51/82 S	N30.22459 E-88.00952	971	11:27	SAME	UPPER	1m 0374	SB	YES	2 WINGS + A RIB CAGE. NO CHANGE FROM YESTERDAY.
						5m 0375			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/24/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: Andy Smith Amy Poopatampong					
Survey Transect #: AL-07-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising <u>falling</u> , slack low, slack high
25/26 M	N30.24873 E88.20034	267	07:26	SAME	LOW	1m 0359	SB	YES	NO CHANGE. BEETLES + CRAB HOLES.
						5m 0360			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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* SAW A BANNED WILSON'S PLOVER NEAR BIRD 25/26. HAD ORANGE OR YELLOW ON RIGHT LEG AND RED ON THE LEFT.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/24/2011		Surveyors: AMY SMITH AMY POOPATANAPORN		Surveyor Signatures: Amy Smith Amy Poopatanaporn					
Survey Transect #: AL-08-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising <u>()</u> falling <u>()</u> slack low <u>()</u> slack high <u>()</u>
						Photo(s) ID# ⁴			Notes
103/104 L	N30.24663 E-88.08026	1584	0817	SAME	UPPER	1m 0362	SB	YES	HEAD, WINGS, TAIL REMAIN. MAYBE SOME FLESH. OTHERWISE PICKED CLEAN. ANTS, FLIES + GRABBS.
						5m 0363			
						25m X			
106/105 L	N30.24666 E-88.07980	1626	08:23	SAME	UPPER	1m 0364	SB	YES	HEAD, WINGS, TAIL REMAIN. LITTLE IF ANY FLESH LEFT.
						5m 0365			
						25m X			
64/63 M	N30.24666 E-88.07750	1852	08:30	SAME	WRACK	1m 0366	SB	YES	SAME AS YESTERDAY.
						5m 0367			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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*INJURED NORTHERN CANNIST OBSERVED ~ 35m SE OF BIRD #106/105. PHOTO #0361.
DID NOT APPEAR OILED. CAN STAND BUT DID NOT FLY WHEN APPROACHED
WITHIN ~ 7m.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/24/2011		Surveyors: AMY SMITH AMY PODATANAPONG			Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>				
Survey Transect #: AL-23-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high
119/ 120 L	N 30.22910 E-87.97535	237	10:40	SAME	WRACK	1m 0368	SB	YES	NO CHANGE.
						5m 0369			
						25m X			
118/ 117 L	N 30.23032 E-87.96553	1672	11:00	SAME	WRACK	1m 0372	ORTPR	YES	LARGE HOLE IN DORSAL ABDOMEN. MAMMARYS. SOME FLESH REMAINS; STILL JUICY, SOME ORGANS MAY REMAIN.
						5m 0373			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/25/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>For Amy Poopatanapong</i>					
Survey Transect # AL-23-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising <input checked="" type="radio"/> falling <input type="radio"/> slack low, slack high
						Photo(s) ID# ⁴			Notes
119-120 L	N 30.22910 E-87.97535	137	10:23	SAME	WRACK	1m 0389	SB	YES	LITTLE CRABBLE. BEETLES + FLIES
						5m 0390			
						25m X			
118/117 L	N 30.23032 E-87.96053	1672	10:47	SAME	WRACK	1m 0393	OR+PR	YES	STILL JUICY. LOTS OF MAGGOTS. 2 CRAB HOLES. TRACE OF ORGANS MAY REMAIN SMELLY.
						5m 0394			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/25/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG			Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>				
Survey Transect # A1-23-02 A1-08-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, (falling), slack low, slack high
89/90 M	N30.22970 E-87.96835	4970	10:34	SAME	LOW	1m 0391	SB	YES	BONES + FEATHERS
						5m 0392			
						25m X			
51/82 S	N30.22459 E-88.00952	971	11:20	SAME	UPPER	1m 0395	WING	YES	2 WINGS + SOME BONES.
						5m 0396			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/25/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>Andy Smith</i> <i>Amy Poopatampong</i>					
Survey Transect #: AL-08-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high
103/ 104 L	N30.24663 E-88.08026	1584	08:25	SAME	UPPER	1m 0382	SB	YES	POSS. TRACE OF FLESH + REMAINS. OTHERWISE, SKIN, FEATHERS + BONE.
						5m 0383			
						25m X			
106/ 105 L	N30.24666 E-88.01980	1626	08:31	SAME	UPPER	1m 0384	SB	YES	MOVED ~ 20 CM FROM YESTERDAY. CRABS, BEETLES. POSS. TRACE OF FLESH, OTHERWISE SKIN, BONES + FEATHERS.
						5m 0385			
						25m X			
64/ 63 M	N30.24664 E-88.07150	1852	1839 08:39	N30.24666 E-88.07152 WLP ~ AL0802 64-63-1)	WRACK	1m 0386/0387	SB	NO	MOVED ~ 6m W, LIKELY BY PEOPLE AS CARCASS HAS BEEN SKEWERED ON A STICK.
						5m 0388			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/25/2011		Surveyors: ANDY SALITA AMY POOPATANAPONG				Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>			
Survey Transect #: AL-07-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
25/ 26 M	N30.24813 E-88.20034	267	07:16	SAME	LOW	1m 0380	SB	YES	NO CHANCE
						5m 0381			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/26/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: Andy Smith Amy Poopatanapong						
Survey Transect #: ML-08-04										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
51/ 82	AD N30.222 AS N30.22459 E-88.00952	971	08:46	SAME	LOW	1m 0409 5m 0410 25m X	SB	YES	rising	2 WINGS + A RIB CAGE
89/ 90	N30.22970 E-87.96845	4970	09:24	SAME	UPPER	1m 0413 5m 0414 25m X	SB	YES	rising	2 WINGS + A RIB CAGE.
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/26/2011		Surveyors: ANDY SMITH ANDY POOPATANAPONG		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect #: AL-23-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			Notes
119/120	N30.22910 E-87.97555	237	09:09	SAME	WRACK	1m 0411	SB	YES	rising, falling, slack low, slack high
						5m 0412			
						25m X			
118/117	N30.23032 E-87.96053	1672	09:41	SAME	WRACK	1m 0415	OR+PR	YES	STILL JUICY. SOME FRESH REMAINS BUT PECTORALS + ORGANS APPEAR TO BE MOSTLY OR ENTIRELY GONE
						5m 0416			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/26/2011		Surveyors: ANDY SMITH AMY POOPATANAPONG		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect #: AL-07-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
25/ 26 M	N30.24813 E-88.20034	267	06:42	SAME	LOW	1m 0401	SB	YES	ENTIRE CARCASS REMAINS, EXCEPT TAIL. ALL FLESH APPEARS TO BE GONE. SKIN, BONES + FEATHERS ONLY.
						5m 0402			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/26/2011

Surveyors: ANDY SMITH

Surveyor Signatures: [Signature]

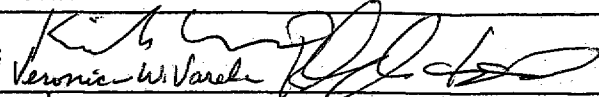
Survey Transect # A2 - 08 - 02

KIM POOPATANPONG

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03788	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			Notes
103/104 L	N30.24663 E88.08026	1584	07:27	SAME	UPPER	1m 0403	SB	YES	ENTIRE CARCASS BUT LITTLE TO NO FLESH REMAINS. DRY. BIG HOLES IN CHEST
						5m 0404			
						25m X			
106/105 L	N30.24666 E88.07950	1626	07:30	SAME	UPPER	1m 0405	SB	YES	PLEASANT. LARGE HOLE IN SIDE. SOME FLESH REMAINS.
						5m 0406			
						25m X			
64/63	N30.24664 E88.07750	1852	07:35	SAME	WRACK	1m 0407	SB	YES	LITTLE TO NO FLESH. LARGE HOLES.
						5m 0408			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: Kim Chumey Veronica Varela Cleunford		Surveyor Signatures:  Veronica W. Varela					
Survey Transect # LA-644-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high
07/98 M	-	792	1634	29.06429 -90.33348 #433	LOW	1m 29	Int.	Yes	Initial placement (no block) Photo taken facing east.
						5m 30			
						25m 31			
34/35 L	-	1116	1653	29.06493 -90.32918 #434	LOW	1m 32	Int.	Yes	Initial placement (no block) Photo taken facing east.
						5m 33			
						25m 34			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: Kim Chancey RGLER/H FGD Veronica Varela		Surveyor Signatures: <i>[Signature]</i> Veronica W. Varela					
Survey Transect # LA-643-C9									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B 03700	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
100/125 S	—	201	1411	29.06167 -90.44657 #428	UPPER	1m 17 5m 18 25m 19	Int.	Yes	Initial placement. Photos taken facing west.
95/96 M	—	315	1424	29.06098 -90.44738 #429	WRACK	1m 20 5m 21 25m 22	Int.	Yes	Initial placement. Photos taken facing north.
32/33 L	—	723	1439	29.05948 -90.45135 #430	UPPER	1m 23 5m 24 25m 25	Int.	Yes	Initial placement. Photos taken facing east.
41/40 L	—	1464	1455	29.05906 -90.45948 #431	LOW	1m 26 5m 27 25m 28	Int.	Yes	Initial Placement Photos taken facing east
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: Kimberly Chancey Glenn Varela Veronica Varela		Surveyor Signatures: <i>[Signatures]</i>					
Survey Transect # LA-642-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						BP3700			Photo(s) ID# ⁴
110/11 S	—	96m	1112	29.08855 -90.54589 #422	WRACK	1m 5 5m 6 25m 7	Int.	Yes	Initial placement. Photos taken, facing westward. Looking towards transect origin.
38/39 L	—	103m	1131	29.08849 -90.54581 #423	LOW	1m 8 5m 9 25m 10	Int.	Yes	Initial placement. Photos taken facing down beach, parallel to water (on left). (Same as above).
84/83 M	—	964m	1153	29.08331 -90.53925 #424	WRACK	1m 11 5m 12 25m 13	Int.	Yes	" Same as Above "
118/119 S	—	1991	1217	29.07825 -90.53039 #425	LOW	1m 14 5m 15 25m 16	Int.	Yes	" Same as Above "
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/13/2011		Surveyors: Kim Chmcey Veronica Varela		Surveyor Signatures: <i>[Signature]</i> Veronica W. Varela					
Survey Transect # LA-642-G1									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high
Notes									
38/39 L			1425	29.08854 -90.54581 #437	WRACK	1m 49 5m 50 25m	Int.	Yes Moved	
110/11			1429	29.08851 -90.54584 #438	WRACK	1m 51 5m 52 25m	SB	Yes Moved	
	VWV - Y		1522	29.07801 -90.52969	UPPER	1m 53 5m 54 25m	WING	Yes Moved	Wing found w/o bands, but appears to be from carcass 118/119
118/119			1531	NA	WRACK	1m 55 5m 25m	VWV Miss. Later found see below	Yes Moved	This is the block. See note on wing found above. Feathers around it + up and down the beach.
118/119 S			1545	29.08145 -90.53648 #439	LOW	1m 56 5m 57 25m 58	SB	Yes Moved	689m east. from block. No evidence of tracks, but likely washed out by waves. This is birds
84/83			1607	NA	WRACK	1m 59 5m 25m	Miss.	Yes Moved	Moved 68m NNW from original location

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/13/2011		Surveyors: Kim Chance Veronica Varela				Surveyor Signatures: <i>Kim Chance</i> <i>Veronica W. Varela</i>			
Survey Transect # LA-643-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03700	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
41/40 L	X	X	1215	Same.	LOW	1m 41 5m 42 25m	Int.	Y	
32/33 L	X	X	1239	Same	UPPER	1m 43 5m 44 25m	SB	Y	Surrounded by crab tracks + holes and some roon tracks a meter or two away.
05/06	X	X	1253	29.06101 -90.44735 #436	WRACK	1m 45 5m 46 25m	Dist. SB	Y Moved	No tracks
100/125	X	X	1305	Same.	UPPER	1m 47 5m 48 25m	Dist.	Y	Crab hole hole beneath it.
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/13/2011		Surveyors: Kim Chancey Veronica Varela		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect # LA-644-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high
97/98			1052	NA	NA	1m 39* 5m 40* 25m	Miss.	Y; Moved	*Block has moved (3m inland, NNE) No visible tracks. Actual study block laid out for visible ref. in photos 38 and 39. *Visible tracks = survey team tracks.
34/35 L			1030	29.06500 -90.32923 #435	UPPER*	1m 35 5m 36 25m 37* bird not visible	Int.	N	Ants present; *possibly beyond search zone. (MOVED) -within 12m of carcass, canine tracks present (coyote, fox...). Pic. #38 - track for where bird was originally.
						1m 5m 25m			Animal tracks on beaches limited due to recent high tide.
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

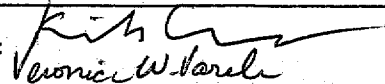

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/14/2011		Surveyors: Kim Chancay Veronica Varela			Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>				
Survey Transect # LA-642-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03700 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
38/39 L	29.08854 -90.54581 WP# 437	X	1325	Same as Yesterday	WRACK	1m 71 5m 72 25m	Int.	Yes	
110/11	29.08859 -90.54584 # 438	X	1322	Same as Yesterday	WRACK	1m 69 5m 70 25m	SB	Yes	
118/119 S	29.08145 -90.53648 # 439	X	1345	29.08173 -90.53699 #440	LOW	1m 73 ^{vw} 5m 74 ^{vw} 25m 75	SB	No	
84/83						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/14/2011		Surveyors: Kim Chancey Veronica Varela		Surveyor Signatures:  					
Survey Transect # 6 ^W LA-643-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03700	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
41/40 L	on placement day 29.05906 -90.45948 WP #431	X	1130	Same as Yesterday	WRACK	1m 62 5m 63 25m	Int.	Yes	Crab hole near carcass.
32/33 L	on placement day 29.05948 -90.45135 #430		1144	Same as Yesterday	UPPER	1m 64 5m 65 25m	SB	Yes	Saw crab scavenging on carcass.
95/96	29.06101 -90.44735 #436		1154	N/A	UPPER	1m 66 5m 25m	Miss.	Yes	
100/125	on placement day 29.06167 -90.44657 #428		1158	Same as Yesterday	UPPER	1m 67 5m 68 25m	SB	Yes	Decapitated, attached by tissue only.
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/14/2011		Surveyors: Kim Chancey Veronica Varela				Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>			
Survey Transect # LA-644-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03700	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
97/98	VWV					1m			
						5m			
						25m			
34/35 L	29.06500 -90.32923 wp# 435	X	0958	Same as Yesterday	UPPER	1m 60	Int.	NO	Ants present.
						5m 61			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

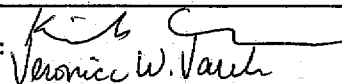
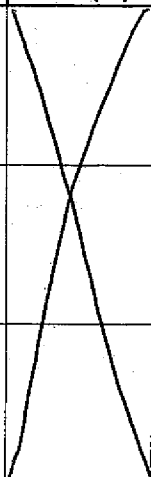
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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011		Surveyors: Kim Chancey Veronica Varela		Surveyor Signatures: <i>[Signature]</i> Veronica W. Varela						
Survey Transect # LA-642-01										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03700 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
38/39 L	29.08854 -90.54581 WP #437		1243	Same as yesterday	WRACK	1m 86 5m 87 25m	Int.	Yes Moved		
110/11	29.08854 -90.54584 WP #438		1241	Same location as last KC yesterday	UPPER	1m 84 5m 85 25m	SB	Yes	Half-buried by crab activity.	
118/119 S	29.08145 -90.53648 WP #439		1312 1243 ^{KC} _{vwv}	NA Same as vwv yesterday	NA ^{KC} UPPER WRACK	1m 86 ^{KC} 88 5m 87 ^{KC} 25m	Miss. Int. ^{KC}	Yes, moved Yes ^{KC} Moved ^{KC}		
						1m 5m 25m			Side Note: waypoint #441 Block for 29.08127 bird 118/119, -90.53607 but unsure of block's location previous day	
						1m 5m 25m			but appears to be very close to 06/13/2011 location (waypoint #439 29.08145 -90.53648)	
						1m 5m 25m				

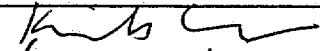
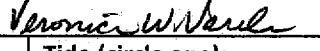
¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011		Surveyors: Kim Chancey Veronica Varela		Surveyor Signatures:  Veronica W. Varela						
Survey Transect # LA-643-01										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03700 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>(falling)</u> , slack low, slack high	Notes
41/40 L	29.05906 -90.45948 wp # 431		1102	Same as Yesterday	WRACK	1m 7B 5m 7A 25m	Int.	Yes		Crab hole + crab present.
32/33 L	29.05948 -90.45135 wp # 430		1115	Same as Yesterday	UPPER	1m 80 5m 81 25m	SB	Yes		
100/125	29.06167 -90.44657 wp # 428		1125	Same as Yesterday	UPPER	1m 82 5m 83 25m	SB	Yes		Head and wings remain, connected by bone + dried tissue. -windy, possibility carcass will be blown away soon
95/96						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

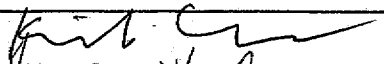
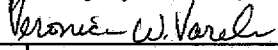
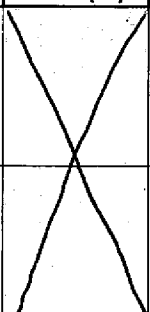
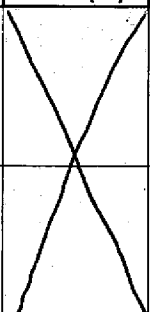
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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011		Surveyors: Kim Chancey Veronica Varela				Surveyor Signatures:  			
Survey Transect #LA644-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03700	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising <u>falling</u> slack low, slack high
						Photo(s) ID# ⁴			Notes
34/35 L	29.06500 -90.32923 wp# 435	X	0950	Same as Yesterday.	WRACK	1m 76 5m 77 25m	Int.	No	Covered in ants; ants possibly removing internal organs, but exterior is intact
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

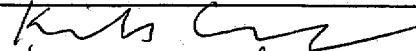
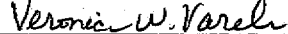
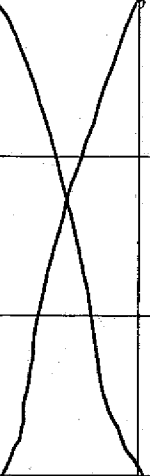
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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011		Surveyors: Kim Chancey Veronica Varela			Surveyor Signatures:  				
Survey Transect # LA-642-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03700	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
38/39 L	29.08854 -90.54581 WP# 437		1237	Same as Yesterday	UPPER	1m 99	SB	Yes	
						5m 100			
						25m			
110/11	29.08859 -90.54584 WP# 438		1239	Same as Yesterday	UPPER	1m 101	Int.	Yes	Slightly buried by crab activity. Infested with maggots.
						5m 102			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011		Surveyors: Kim Chancey Veronica Varela		Surveyor Signatures:  					
Survey Transect # LA-643-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03700 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
41/40 L	29.05906 -90.45948 WP# 431		1101	Same position as yesterday	UPPER	1m 93 5m 94 25m	Int.	Yes	
32/33 L	29.05948 -90.45135 WP# 430		1115	Same as yesterday	UPPER	1m 95 5m 96 25m	SIB	Yes	
100/125	29.06167 -90.44657 WP# 428		1123	Same as yesterday	UPPER	1m 97 5m 98 25m	SIB	Yes	
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form									
Date (mm/dd/yyyy): 06/18/2011		Surveyors: Kim Chancey Veronica Varela			Surveyor Signatures: <i>Kim Chancey</i> <i>Veronica W. Varela</i>				
Survey Transect # LA-644-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high
34/35 L	29.06500 -90.32923	X	0936	29.06499 -90.32916 #442	UPPER	B03708 1m <i>vwv</i> 89 5m <i>vwv</i> 90 25m	SB**	No	*photo 90 is 2m away. ** wings, head and torso separated within 2m radius. photos 90 + 89 at original position
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			


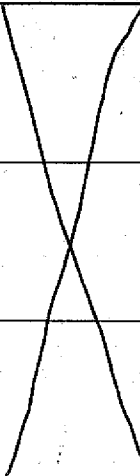
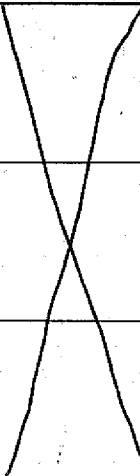
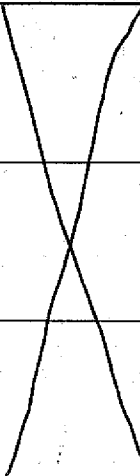
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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/2011		Surveyors: Kim Chancey Veronica Varela		Surveyor Signatures: <i>Kim Chancey</i> <i>Veronica W. Varela</i>						
Survey Transect # LA-642-01										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803700 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
38/39 L	29.08854 -90.54581 WP # 437		1224	Same as Yesterday	WRACK	1m 112	SB	Yes		
	5m 113									
	25m									
110/11 Xvw	29.08859 -90.54584 WP # 438		1225	Same as Yesterday	WRACK	1m 114	Dist.	No ^{vw} Yes	Organs likely being eaten by maggots	
	5m 115									
	25m									
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

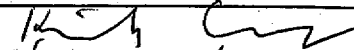
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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/2011		Surveyors: Kim Chancey Veronica Varela		Surveyor Signatures:  Veronica W. Varela					
Survey Transect # LA-643-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03708	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
41/40 L	29.05906 -90.45948 WP# 431		1045	Same as Yesterday	LOW	1m 106	Int. ^{Yes} Dist.	Yes	
						5m 107			
						25m			
32/33 L	29.05948 -90.45135 WP# 430		1058	Same as Yesterday	UPPER	1m 108	SB	Yes	
						5m 109			
						25m			
100/125	29.06167 -90.44657 WP# 428		1108	Same as Yesterday	UPPER	1m 110	Wings	Yes	Keel and wings remain
						5m 111			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/2011		Surveyors: Kim Chancey Veronica Varela		Surveyor Signatures:  Veronica W. Varela						
Survey Transect # LA-644-01										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03708 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>	Notes
34/35 L	29.06500 90.32923 29.06499 90.32916 WP #442	X	0939	Same as Yesterday	UPPER	1m 103 5m 104 and 105 25m	SB	No		Two wings, head and torso, still all present, but separate
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/18/2011		Surveyors: Kim Chancey Veronica Varela		Surveyor Signatures: <i>[Signature]</i> <i>Veronica W. Varela</i>					
Survey Transect # LA-642-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803700 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
38/39 L	29.08854 -90.54581 WP # 437	X	1406 KCMW 1241	Same as yesterday WRACK	WRACK	1m 115 5m 119 25m	Dist.	Yes	
110/11	29.08859 -90.54584 WP # 438	X	1258	Same as yesterday	WRACK	1m 124 5m 123 25m	SB	Yes Moved	Block moved beyond tide line.
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/18/2011		Surveyors: Kim Chancey Veronica Varela		Surveyor Signatures: <i>Kim Chancey</i> <i>Veronica W. Varela</i>					
Survey Transect # LA-643-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03708	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
41/40 L	29.05906 -90.45948 WP# 431		1106	Same as Yesterday	UPPER	1m 118	Dist.	Yes	
						5m 119			
						25m			
32/33 L	29.05948 -90.45135 WP# 430		1119	Same as Yesterday	UPPER	1m 120	SB	Yes	Partially buried
						5m 121			
						25m			
100/125	29.06167 -90.44657 WP# 428		1128	Same as Yesterday	UPPER	1m 122	Wings	Yes	Wings are separated now
						5m 123			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/18/2011		Surveyors: Kim Chancey Veronica Varela				Surveyor Signatures: <i>[Signature]</i> <i>Veronica W. Varela</i>			
Survey Transect # LA-644-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
34/35 L	29.06499 -90.32916 wp# 442		0944	Same as yesterday	UPPER	1m 116	SB	No	Wings, head, torso 'pieces' still present. Photo # 117, likely view of scene workers/searchers would have.
						5m 117			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/19/2011		Surveyors: Kim Chancey Veronica Varela				Surveyor Signatures: <i>Kim Chancey</i> <i>Veronica W. Varela</i>			
Survey Transect # LA-642-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03700	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
38/39 L	29.08854 -90.54581 WP# 437		1215	Same as yesterday	UPPER	1m 138	Dist.	Yes	Maggot consuming insides.
						5m 139			
						25m			
110/11	29.08859 -90.54584 WP# 438		1213	Same as yesterday	UPPER	1m 136	SB	Yes	Head missing.
						5m 137			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			


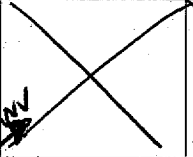
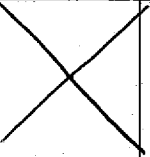
¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

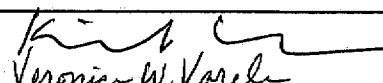
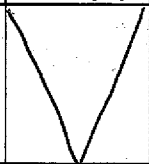
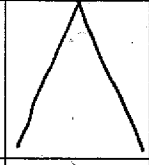
Date (mm/dd/yyyy): 06/19/2011		Surveyors: Kim Chancey Veronica Varela			Surveyor Signatures: <i>Kim Chancey</i> <i>Veronica W. Varela</i>				
Survey Transect # LA-643-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling , slack low, slack high
						Photo(s) ID# ⁴			Notes
41/40 L	29.05906 -90.45948 wp# 431		1047	Same as Yesterday	UPPER	1m 130	Dist.	Yes	Maggots present; organs likely being consumed.
						5m 131			
						25m			
32/33 L	29.05948 -90.45135 wp# 430		1101	Same as Yesterday	UPPER	1m 132	SB	Yes	Further buried.
						5m 133			
						25m			
100/125	29.06167 -90.44657 wp# 428		1109	Same as Yesterday	UPPER	1m 134	Wings	Yes	Both wings still present (separated)
						5m 135			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/19/2011		Surveyors: Kim Chancel Veronica Varela			Surveyor Signatures:  Veronica W. Varela				
Survey Transect # LA-644-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high
34/35 L			0937	Same as yesterday	UPPER	1m 128 5m 129 25m	Wings	No	Wings, torso, head still remain
KC VNW 29.06499 -90.32916 wp #442						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

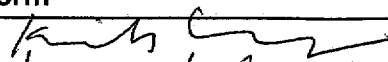
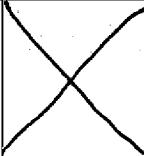
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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form									
Date (mm/dd/yyyy): 06/20/2011		Surveyors: Kim Chancey Veronica Varela			Surveyor Signatures:  Veronica W. Varela				
Survey Transect # LA-642-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						B03700 Photo(s) ID# ⁴			Notes
38/39 L	29.08854 -90.54581 WP# 437		1153	Same location as 06/19/2011	UPPER	1m 148	SB	Yes	
						5m 149			
						25m			
110/11	29.08854 -90.54584 WP# 438		1154	Same location as 06/19/2011	UPPER	1m 150	SB	Yes	Organs removed. Rib-cage and bones visible underneath
						5m 151			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form									
Date (mm/dd/yyyy): 06/20/2011 ^{KC VNW} 06/23/2011		Surveyors: Kim Chancey Veronica Varela				Surveyor Signatures: <i>Kim Chancey</i> <i>Veronica W. Varela</i>			
Survey Transect # LA-643-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803700 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high Notes
41/40 L	29.05906 -90.45948 WP # 431	X	1015	29.05909 -90.45946 #443	UPPER	1m 142 5m 143 25m	Dist.	No	Carcass moved to the top/edge of the sand bluff. Wave action? Predator? 3ft. above beach/waterline. Block may be buried by newly deposited wrack.
32/33 L	29.05948 -90.45135 WP # 430		1035	Same location as 06/19/2011	UPPER	1m 144 5m 145 25m	SB	Yes	
100/125	29.06167 -90.44657 WP # 428		1045	Same location as 06/19/2011	UPPER	1m 146 5m 147 25m	Wings	Yes	Both wings still accounted for, though separated by a larger distance (~1m)
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form									
Date (mm/dd/yyyy): 06/23/2011		Surveyors: Kim Chancey Veronica Varela				Surveyor Signatures:  Veronica W. Varela			
Survey Transect # LA-644-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high
34/35 L	29.06499 -90.32916 WP # 442		0915	Same Position 95 06/19/2011	UPPER	1m 140	Wings/SB	No	Wings, head and torso still remain. Torso has been reduced to SB.
						5m 141			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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25 *WVV* *W*

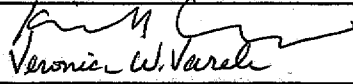
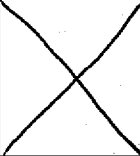
Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/24/2011		Surveyors: Kim Chancey Veronica Varela			Surveyor Signatures: <i>Kim Chancey</i> <i>Veronica W. Varela</i>				
Survey Transect # LA-642-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, <u>slack low</u> , slack high
						Photo(s) ID# ⁴			Notes
38/39 L	29.08854 -90.54581 WP# 437	X	1200	Same as 06/23/11	UPPER	1m 160	SB	Yes	Partially buried.
						5m 161			
						25m			
110/11	29.08859 -90.54584 WP# 438	X	1201	Same as 06/23/11	UPPER	1m 162	SB	Yes	Decapitated <i>WVV</i> Decapitated.
						5m 163			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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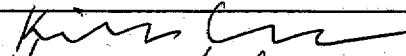
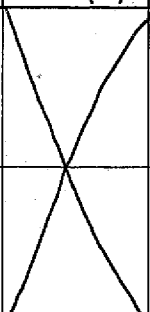
Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form									
Date (mm/dd/yyyy): 06/24/2011		Surveyors: Kim Chancey Veronica Varela				Surveyor Signatures: <i>[Signature]</i> Veronica W. Varela			
Survey Transect # LA-643-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, <u>slack low</u> , slack high
									Notes
41/40 L	29.05909 -90.45946 WP #443		1026	Same as 06/23/11	UPPER	1m 154 5m 155 25m	Dist.	No	Maggots likely consuming innards.
32/33 L	29.05948 -90.45135 WP #430		1040	Same as 06/23/11	UPPER	1m 156 5m 157 25m	SB	Yes	One wing and some breast feathers poking up from sand now.
100/125	29.06167 -90.44657 WP #428		1052	Same as 06/23/11	UPPER	1m 158 5m 159 25m	Wings	Yes	Pair of wings still present. One moved a meter from its last/previous location.
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form									
Date (mm/dd/yyyy): 06/24/2011		Surveyors: Kim Chancey Veronica Varela			Surveyor Signatures:  Veronica W. Varela				
Survey Transect # LA-644-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						B03700			Photo(s) ID# ⁴
									Notes
34/35 L	29.06499 -90.32916 WP # 442		0922	Same as 06/23/11	UPPER	1m 152	SB	No	All pieces still present; further reduced to bones + feathers.
						5m 153			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/26/2011		Surveyors: Kim Chancey Veronica Varela				Surveyor Signatures:  Veronica W. Varela			
Survey Transect # LA-642-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						B03700 Photo(s) ID# ⁴			Notes
38/39 L	29.08854 -90.54581 WP # 437		1215	Same as Yesterday	UPPER	1m 172 5m 173 25m	SB	Yes	Maggots consuming almost all remaining innards Carcass retrieved
110/11	29.08859 -90.54584 WP # 438		1217	Same as Yesterday	UPPER	VVV KC 1m 174 5m 175 25m	SB KC VVV	Yes	Carcass retrieved.
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/26/2011		Surveyors: Kim Chancey Veronica Varela		Surveyor Signatures: <i>Kim Chancey</i> <i>Veronica W. Varela</i>						
Survey Transect # LA-643-01										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03700 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
41/40 L	29.05909 -90.45946 WP#443		1123	Same as Yesterday	UPPER	1m 170 5m 171 25m	SB	No	<u>falling</u>	Organs mostly consumed by maggots. Carcass retrieved
32/33 L	29.05948 -90.45135 WP#430		1105	Same as Yesterday	UPPER	1m 168 5m 169 25m	SB	Yes		Carcass retrieved
100/125	29.06167 -90.44657 WP#428		1052	Same as Yesterday	UPPER	1m 166 5m 167 25m	WINGS	Yes		Carcass retrieved
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/26/2011		Surveyors: Kim Chancey Veronica Varela		Surveyor Signatures: <i>Kim Chancey</i> <i>Veronica W. Varela</i>					
Survey Transect # LA-644-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03700 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high Notes
34/35 L	29.06499 -90.32916 WP # 442	X	0924	Same as Yesterday	UPPER	1m 164 5m 165 25m	SB	No	All pieces (wings, torso, head) still accounted for. Carcass retrieved.
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/23/2011		Surveyors: Ron Gaddard Allen Stewart				Surveyor Signatures: <i>Allen Stewart</i> <i>Ron Gaddard</i>			
Survey Transect # MS1303									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03033	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
53/ 54	30.20788 88.95868	738	09:20	Same	upper	1m 155 5m 156 25m 154 X	PG X Head & neck bones only	NO	Carcass moved (washed) ~ 6-12" lower, otherwise unchanged from previous day
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

¹ "S" = small, "M" = medium, "L" = large

² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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BSE-CP.MS1303.16 Peggy Gaulton Peggy Gaulton 7/2/12
X = extra unlabeled photos

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/24/2011		Surveyors: Allen Stewart Ron Goddard				Surveyor Signatures: Ron Goddard Allen Stewart			
Survey Transect # MS 1303									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, (falling) slack low, slack high
53/54	30.20788 88.95868	738	08:30	Same	upper	1m 158	PG * Head & neck bones only	NO	Carcass (Head + Neck) washed ~6" to the west of yesterday's position otherwise unchanged
						5m 159			
						25m 157x			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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BSE-CP. MS1303. 17

X = extra unlabeled photos

Peggy Guyton Peggy Guyton

7/3/12

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06-25-2011

Surveyors: Allen Stewart
Ron Goddard

Surveyor Signatures: Allen Stewart
Ron Goddard

Survey Transect # MS 1303

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						BO 3033			rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
53 54	30.20826 88.95717	738	08:34	Same	upper	1m 160 5m 161 25m 162 X	PG	NO	Head and neck bones only. Unmoved by tide. Unchanged from 6-24
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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X = extra unlabeled photos

BSE-CR. MS1303. 18 Peggy Guyton

Peggy Guyton
7/3/12

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06-26-2011		Surveyors: Brian Reilly, Douglas Kibbe		Surveyor Signatures: Allen Stewart, [Signature]					
Survey Transect # MS 1303									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera ⁴ B03033 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high Notes
53/54	30.20826 88.95717	738	0826	Same	upper	1m 163 5m 164 25m X	PG Head only	No Refound 25m West	Unchanged from yesterday head and neck bones only undisturbed
Naturally beached Birds Found today <u>Not</u> part of study Birds						1m 165 1m 166 1m 167	All Found within ~20m		
Begin position of found Birds → N 30.20771 W 88.96644						1m 168 1m 169 1m 170			
End position of Birds → N 30.20785 W 88.96866						1m 171 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (Intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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BSE-CP.MS1303.19

Peggy Guyton Peggy Guyton

7/3/12

HORN ISL

98

30.22497 88.62346 Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011

Survey Transect # M50601

Surveyors:

Ron Goddard GLENIA FORD

Surveyor Signatures:

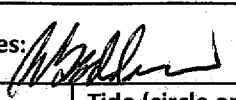
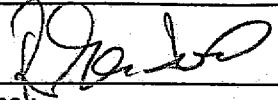
Ron Goddard GLENIA FORD

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						BO3033 Photo(s) ID# ⁴			High falling, slack low, slack high
102 103	NA	126	14:14	30.22486 88.62218	WRACK	1m 22 5m 23 25m 24	Int.	yes	placement day
121 122	NA	1290	14:36	30.22317 88.61022	LOW	1m 25 5m 26 25m 27	Int.	yes	placement day
						1m 5m 25m			
						1m 5m 25m			85/86 AND 61/62 NOT SET DUE TO MFS REQUEST
						1m 5m 25m			
						1m 5m 25m			

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BSE-CP. M50601.1

Peggy Guyton Peggy Guyton 7/2/12

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form									
30.20774 88.96634		Date (mm/dd/yyyy): 06-15-2011		Surveyors: Ron Goddard Glenn Ford		Surveyor Signatures:  			
Survey Transect # MS1303									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: BD 3033 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high Notes
45/46	NA	471	12:28	30.20786 ^② 88.96185	Wrack	1m 4 5m 5 25m 6	Int.	yes	placement day
108/109	NA	580	12:39	30.20788 ^③ 88.96030	Low	1m 7 5m 8 25m 9	Int.	yes	placement day
6/5	NA	669	12:55	30.20779 ^④ 88.95939	WRACK LOW	1m 10 5m 11 25m 12	Int.	yes	placement day
121/120	NA	735	13:05	30.20786 ^⑤ 88.95831	Wrack	1m 13 5m 14 25m 15	Int.	yes	placement day
53/54	NA	738	13:15	30.20788 ^⑥ 88.95868	UPPER	1m 16 5m 17 25m 18	Int.	yes	placement day
29/28	NA	1032	13:31	30.21011 ^⑦ 88.95327	LOW	1m 19 5m 20 25m 21	Int.	yes	placement day

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✓ BSE-CP. MS1303.2 Peggy Guyton Peggy Guyton 7/2/12

SHIP

100

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/2011		Surveyors: Allen Stewart Ron Goddard Glenn Ford		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>						
Survey Transect # MS1303										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03033 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
45 46	30.20786 88.96145	471	12:54	Same	WRACK	1m 108 5m 109 25m 110 x	OR	NO	<u>falling</u>	Block was moved later and placed under the bird. OK RCF
108 109	30.20788 88.96030	580	13:15	Same	Low	1m 111 5m 112 25m 113 x	WING	YES	<u>falling</u>	Block was moved to bird's new location 4-5 m east of set site
53 54	30.20788 88.95918	738	13:44	Same	UPPER	1m 115 5m 116 25m 117 x	SB	NO	<u>falling</u>	Block was recovered & replaced under bird which moved 2m east.
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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BSE-CP. MS1303. 8

Peggy Guyton

Peggy Guyton

7/3/12

x = extra

unlabeled photos

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/18/2011		Surveyors: Allen Stewart Ron Goddard				Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>			
Survey Transect # MS0601									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03033	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, slack high
85 86	30.22372 88.61318	1001	08:35	same	Low	1m 118 5m 119 25m 120 X	MISSING	YES	Block largely covered w/ sand, but not moved. Lots of crab tracks
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

¹ "S" = small, "M" = medium, "L" = large

² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

BSE-CP. MS0601.10

X = extra unlabeled photos Peggy Guyton Peggy Guyton 7/3/12

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/19/2011

Surveyors:

Allen Stewart

Survey Transect # MS1303

Surveyor Signatures:

Ron Goddard / Allen Stewart

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						B03033			Photo(s) ID# ⁴
45/46	30.20786 88.96185	471	08:50	SAME	Wrack	1m 130 5m 131 25m 132 x	SB	Yes	Much Crab action.
53/54	30.20788 88.95868	738	09:10	SAME	upper	1m 133 5m 134 25m 135 x	SB	Yes	undisturbed, some debris on and around carcass.
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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BSE-CP. MS1303.12.

Peggy Guyton Peggy Guyton

7/3/12

X = extra unlabeled photos

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/20/2011		Surveyors: Allen Stewart Ron Goddard		Surveyor Signatures: Ron Goddard Allen Stewart					
Survey Transect # MS 1303									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						BO 3033			(rising) falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
45 46	30.20786 88.96185	471	09:24	SAME	WRACK	1m 136	SB	Yes	Green marking band is still intact & connected (carcass) Cont.
						5m 137			
						25m 138 x			
53 54	30.20788 88.95868	738	09:34	Same	UPPER	1m 139	SB	Yes	Carcass fully intact and undisturbed from previous day.
						5m 140			
						25m 141 x			
						1m			Park ranger informed us a tourist removed one tag from this bird and turned it in to them yesterday. We saw no disturbance around bird today a ghost crab had built a burrow underneath the edge of remains. Tag retrieved but not replaced on bird.
					5m				
					25m				
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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BSE-CP. MS1303.13 Peggy Guyton Peggy Guyton
X=extra unlabeled photos

7/3/12

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/21/2011		Surveyors: Allen Stewart Ron Goddard		Surveyor Signatures: Ron Goddard Allen Stewart					
Survey Transect #: MS1303									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						B03033			(rising, falling, slack low, slack high)
						Photo(s) ID# ⁴			Notes
45/46	30.20786 88.96185	471	9:43	Same	wrack	1m 142	PB/wing	Yes	Green wing tag attached one wing, breast bones, and back bone visible. Crabs are slowly disarticulating and burying carcass.
						5m 143			
						25m 144 x			
53/54	30.20788 88.95868	738	9:55	Same	upper	1m 145	SB	Yes	Bird in same position as yesterday condition of carcass intact with more exposed bones
						5m 146			
						25m 147 x			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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X = extra unlabeled photos

7/3/12

30.20774 88.96634 Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011

Surveyors: Allen Stewart
Ron Coddard GREEN FORDSurveyor Signatures: *Allen Stewart*
Ron Coddard

Survey Transect # MS 1303

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03033	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
45/46	30.20786 88.96685	471	12:16 5:00	Same	wrack	1m 74 5m 75 25m 76 x	OR	Yes	Crab and beetle action
108/109	30.20788 88.96030	580	12:25	30.20789 88.96014	Low	1m 80 5m 81 25m 82 x	SB	NO	Washed + refound
6/5	30.20779 88.95939	669	12:30	NA	Low	1m 83 5m 84 25m 85 x	MISS.	NO	carcass absent
121/120	30.20786 88.95831	735	12:40	NA	WRACK	1m 86 5m 87 25m 88 x	MISS.	NO	Mourning dove feathers + ghost crab tracks (see picture 89x)
53/54	30.20788 88.95868	738	12:44	30.20826 88.95717	upper	1m 90 5m 91 25m 92 x	PR	NO	Carcass absent
29/28	30.21011 88.95321	1032	13:04	NA	LOW	1m 93 5m 94 25m 95 x	MISS.	NO	Carcass absent

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X = unlabeled extra photos

30.19833 88.45951		Mississippi Canyon 252 Oil Spill NRDA: Carcass Persi				orm			
Date (mm/dd/yyyy): 06/15/2011		Surveyors: Ron Gaddard [Signature]		Sur		ss: [Signature]			
Survey Transect # MS 1305									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Block Present? ⁶	Tide (circle one): <input checked="" type="radio"/> falling, <input type="radio"/> slack low, <input type="radio"/> slack high	
						B03033 Photo(s) ID#			Notes
87/88	NA	106	16:00	30.19815 88.45845 (3)	Upper	1m 28 5m 29 25m 30	Int.	yes	placement day
97/98	NA	343	16:20	30.19809 88.45588 (14)	Wrack	1m 31 5m 32 25m 33	Int.	yes	placement day
31/32	NA	346	16:31	30.19809 88.45588 (14)	Wrack	1m 5m 25m			Did not place bird because of NPS request
59/60	NA	643	16:49	30.19843 88.45283 (15)	Lower	1m 34 ✓ 5m 35 25m 36	Int.	yes	placement day
65/66	NA	899	17:00	30.19855 88.45016 (16)	Upper	1m 37 ✓ 5m 38 25m 39	Int.	yes	placement day
113/114	NA	1530	17:25	30.19916 88.44368 (17)	Wrack	1m 40 ✓ 5m 41 25m 42	Int.	yes	placement day

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BSE-CP. MS1305.3 Peggy Guyton Peggy Guyton 7/2/12

PB

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form										
30.19833 88.45951										
Date (mm/dd/yyyy): 06/06/2011		Surveyors: Allen Stewart Ron Goddard CLENNY FORD				Surveyor Signatures: <i>Allen Stewart</i> <i>R. Goddard</i>				
Survey Transect # MS 1305										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:		Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						BD3033	Photo(s) ID# ⁴			(rising, falling, slack low, slack high)
Notes										
87/88	30.19815 88.45845	106	09:40	Same as yesterday	upper	1m 61		OR	Yes	Ghost Crab tracks found + crabs at bird
						5m 60				
						25m 54	x			
91/98	30.19809 88.45598	343	09:22	NA	wrack	1m 55		Missing	NO	carcass absent
						5m 56				
						25m 57	x			
7/8 (35)	NA	396	09:12	30.19848 88.45273	wrack	1m 49		Int.	Yes	Placed today
						5m 50				
						25m 51				
59/60	30.19843 88.45283	643	09:04	NA	Low	1m 52		Missing	NO	carcass absent
						5m 53				
						25m 54	x			
65/66	30.19855 88.45016	899	08:52	NA	upper	1m 46		Missing	Yes	Raccoon tracks and ghost crab burrows + tracks
						5m 47				
						25m 48	x			
113/114	30.19914 88.44368	1530	08:30	NA	Wrack	1m 43		Missing	ND	Carcass absent
						5m 44				
						25m 45	x			

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x = unlabeled photos

HORN LSC

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30.72497 88.62346 Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011

Surveyors: Ron Goldard CERRY FORN Allen Stewart

Surveyor Signatures: Ron Goldard Allen Stewart

Survey Transect # MS0601

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03033	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
						Photo(s) ID# ⁴				
102 103	30.72486 88.62218	1126 126	10:39	NA	wrack	1m 62 5m 63 25m 64 x	MISSING	NO		carcass absent
121 122	30.72317 88.61022	1290	10:59	NA	LOW	1m 68 5m 69 25m 70 x	MISSING	NO		carcass absent
61 62	NA	1338	11:10	30.72313 88.60969	wrack	1m 71 5m 72 25m 73	Int.	yes		Placed today
96						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				85/86 NOT SET BECAUSE OF NPS REQUEST

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³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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BSE-CP.MS0601.6

Peggy Guyton Peggy Guyton 7/3/12

x = extra unlabeled photos

Retit Body

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/2011		Surveyors: Allen Stewart Ronaldard Glenn Ford		Surveyor Signatures: <i>Allen Stewart</i> <i>Ronaldard</i>						
Survey Transect # MS1305										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03033	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, falling, slack low, slack high	
87/188	30.19815 88.45845	106	09:01	Same	Upper	1m 96	Missing	YES	<input checked="" type="radio"/>	MUCH crab action Block was chewed on edge. Raccoon tracks nearby
						5m 97				
						25m 98 x				
7/8	30.19848 88.45273	396	09:17	NA Same AS	wrack	1m 99	Missing	NO	<input type="radio"/>	carcass absent
						5m 100				
						25m 101 x				
						1m			<input type="radio"/>	
						5m				
						25m				
						1m			<input type="radio"/>	
						5m				
						25m				
						1m			<input type="radio"/>	
						5m				
						25m				
						1m			<input type="radio"/>	
						5m				
						25m				

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X = extra untabled photos

HORN

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Page 1 of 1 As

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/2011		Surveyors: Allen Stewart Ron Goddard Glenn Ford			Surveyor Signatures: <i>Allen Stewart</i> <i>Ron Goddard</i>					
Survey Transect # MS0601										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03033 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
85/ 86	Put out today	1001	10:59	30.22372 88.6138	LOW	1m 102 5m 103 25m 104	Int.	yes	Set as per NPS requests	
61/ 62	30.22313 88.60969	1338	11:15	NA	WRACK	1m 107 5m 106 25m 105x	Missing	NO	carcass absent	
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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X = extra unlabeled photos

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/18/2011		Surveyors: Allen Stewart Ron Coddard				Surveyor Signatures: <i>[Signatures]</i>			
Survey Transect # MS1303									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						B03033			rising, falling, slack low, slack high
Photo(s) ID# ⁴	Notes								
45 46	30.20786 88.96185	471	11:19	SAME	WRACK	1m 121 5m 122 25m 123 x	SB	NO	Block was found and replaced Bird is partially buried by ghost crabs.
108 109	30.20788 88.96030	580	11:25	NA	Low	1m 124 5m 125 25m 126 x	Missing	Yes	carcass absent
53 54	30.20788 88.95868	738	11:40	Same	Upper	1m 127 5m 128 25m 129 x	SB	Yes	Bird at water's edge now.
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

¹ "S" = small, "M" = medium, "L" = large.

² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

BSE-CP. MS1303.11 Peggy Gaulton Peggy Gaulton 7/3/12
X = extra unlabeled photos

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/22/2011		Surveyors: Allen Stewart Ren Goddard		Surveyor Signatures: <i>Allen Stewart</i> <i>Ren Goddard</i>					
Survey Transect # MS 1303									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03033 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): (rising, falling, slack low, slack high) Notes
45 46	30.20786 88.96185	471	8:30	—	Wrack	1m 148 5m 149 25m 150 x	Missing	NO	Water had washed where carcass was located.
53 54	30.20788 88.95868	738	8:45	SAME	Upper	1m 151 5m 152 25m 153 x	PG head + neck bones only	NO	Carcass remains in same spot. Head and neck bones are all that remains now.
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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X = extra unlabeled photos BSE-CP, MS1303.15
 Peggy Guyton Peggy Guyton
 7/3/12

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: Frank Sexton / Catrina		Surveyor Signatures: [Signature] / [Signature]						
Survey Transect # WFL-15-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 003705 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
49-50 MED	NA	473	08:53	N 30.37998 W 86.85413	Wrack	1m 0001 5m 0002 25m 0003	INTACT	YES	rising	7.8. 6/12/11
114-115 MED	NA	765	09:14	N 30.38048 W 86.85616	Wrack	1m 0004 5m 0005 25m 0006	INTACT	YES	rising	7.8. 6/12/11
101-99 SMALL	NA	1221	09:33	N 30.38121 W 86.85150	Low	1m 0007 5m 0008 25m 0009	INTACT	YES		
67-68 LARGE	NA	1410	09:55	N 30.38157 W 86.84968	Upper	1m 0010 5m 0011 25m 0012	INTACT	YES		HAD TO move Location Due to Military Base Parameters.
75-47 SMALL	NA	1430	10:02	N 30.38147 W 86.84927	6-12-11 2.8. Wrack	1m 0013 5m 0014 25m 0015	INTACT	YES		HAD TO move Location Due to ELGIN MILITARY BASE.
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: Frank Sexton / Katrina Perez		Surveyor Signatures: [Signature] / [Signature]					
Survey Transect # WFL-11-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03705 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high Notes
53-54 Large	N/A	689	11:57 2.2	N30.33565 W87.11301	Low	1m 0016 5m 0017 25m 0018	INTACT	YES	X
67-70 Large	N/A	777	12:10	N30.33584 W87.11214	Wrack	1m 0019 5m 0020 25m 0021	INTACT	YES	
35-36 MED	N/A	1277	12:25	N30.33704 W87.10710	Upper	1m 0022 5m 0023 25m 0024	INTACT	YES	
47-48 MED	N/A	1816	12:38	N30.33806 W87.10165	Upper	1m 0025 5m 0026 25m 0027	INTACT	YES	
80-81 MED	N/A	1959	12:48	N30.33817 W87.10000	Wrack	1m 0028 5m 0029 25m 0030	INTACT	YES	
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: Frank Sexton / Katrina Perez		Surveyor Signatures: [Signature]						
Survey Transect # AC-26-06										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03705 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
115-116 Large	NA	379	15:16	N30.27710 W87.53492	UPPER	1m 0031 5m 0032 25m 0033	INTACT	YES		
74-72 SMALL	NA	1247	15:37	N30.27865 W87.52611	WRACK	1m 0034 5m 0035 25m 0036	INTACT	YES		
137M Large	NA	1479	15:47	N30.27902 W87.52376	LOW	1m 0037 5m 0038 25m 0039	INTACT	YES		
71-72 Large	NA	1518	15:53	N30.27909 W87.52343	WRACK	1m 0040 5m 0041 25m 0042	INTACT	YES		
124-125 med	NA	1718	16:02	N30.27942 W87.52130	WRACK	1m 0043 5m 0044 25m 0045	INTACT	YES		
96-94 Small	NA	1977	16:12	N30.27979 W87.51871	WRACK	1m 0046 5m 0047 25m 0048	INTACT	YES		

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/13/2011		Surveyors: Frank Sexton, Catrina Perez		Surveyor Signatures: [Signature]					
Survey Transect # WFL-15-07									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03705 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high Notes
49/50 M	N 30.37998 W 86.85913	X	08:34	N 30.37998 W 86.85913	Wrack	1m 0049 5m 0050 25m N/A	Dist.	Yes	Tracks leading away into nearby hole. Ants present.
114/115 M	N 30.38048 W 86.85616	X	08:52	N 30.38058 W 86.85615	Upper	1m 0052 5m 0053 25m 0054	Int.	Moved	Bird and block found at different location. May have been relocated by beach users. Ant on and around carcass.
101-99 L	N 30.38121 W 86.85150	X	09:05	N 30.38121 W 86.85150	CP 6/13/11 Lower Wrack	1m 0055 5m 0056 25m N/A	Dist.	Yes	Ants present. Head cavity disturbed.
67/68 L	N 30.38156 W 86.84958	X	09:14	N 30.38156 W 86.84958	Upper	1m 0057 5m 0058 25m N/A	Dist.	Yes	Ants, bees and flies present. Disturbed head cavity.
75/47 L	N 30.38147 W 86.84927	X	09:19	N/A	N/A	1m 0059 5m 0060 25m N/A	Miss.	Yes	Bird missing. Block in same location.
[Crossed out row]						1m 5m 25m	[Crossed out row]		

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/13/2011		Surveyors: Frank Sexton, Catrina Perez		Surveyor Signatures: <i>[Signature]</i> / <i>[Signature]</i>						
Survey Transect # WFL-11-01										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: BO3705 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
53/54 L	N 30.33565 W 87.11301		10:33	N 30.33565 W 87.11301	Low	1m 0061 5m 0062 25m N/A	Int.	Yes		No visible tracks or sign of disturbance.
67/70 L	N 30.33584 W 87.11214		10:40	N 30.33576 W 87.11218	Wrack	1m 0063 5m 0064 25m N/A	Int.	Yes		Presence of small flying insects. Movement of bird and block within ~10m from original location.
35/36 M	N 30.33701 W 87.10710		10:54	N 30.33701 W 87.10710	Upper	1m 0065 5m 0066 25m N/A	Int.	Yes		No visible disturbance.
47/48 L	N 30.33806 W 87.10165		11:07	N 30.33806 W 87.10165	Upper	1m 0067 5m 0068 25m N/A	Int.	Yes		No disturbance besides partial covering by sand from crab digging hole.
80/81 M	N 30.33827 W 87.10020		11:13	N 30.33827 W 87.10020	Wrack	1m 0069 5m 0070 25m N/A	Dist.	Yes		Disturbance in area of abdomen. Presence of small flies.
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/13/2011		Surveyors: Frank Sexton, Catrina Perez			Surveyor Signatures: <i>[Signature]</i> / <i>[Signature]</i>				
Survey Transect # AL-26-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03705 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high Notes
115/116 L	N 30.27710 W 87.53492	X	13:53	N 30.27710 W 87.53492	Upper	1m 0071 5m 0072 25m N/A	Int.	Yes	No visible disturbance. Some small flies present. Block seemed to be exposed previously. Bird + block moved west of this location bk of complaint.
74/72 L	N 30.27865 W 87.52611	X	14:09	N 30.27869 W 87.52624	Wrack	1m 0073 5m 0074 25m N/A	Int.	Yes	No visible disturbance. Bird and block moved within ~13m of original location. Block seemed to be exposed previously.
73/74 L	N 30.27902 W 87.52376	X	14:20	N 30.27902 W 87.52376	Wrack	1m 0075 5m 0076 25m N/A	Int.	Yes	No visible disturbance, possibly picked up. Block was exposed previously possibly by beachgoer. Some small flies present.
71/72 L	N 30.27909 W 87.52343	X	14:29	N 30.27909 W 87.52343 N/A CP	Wrack N/A CP	1m 0077 0079 5m 0078 0080 25m N/A	Dist. Miss. CP	Yes No CP	Bird had been buried under sand. Team did not excavate bird, left as was. Team assumed block to be below bird. Some flies present.
124/125 M	N 30.27942 W 87.52132	X	14:53	N 30.27942 W 87.52132	Wrack	1m 0081 5m 0082 25m N/A	Dist.	Yes	Neck bones exposed.
96/94 L	N 30.27979 W 87.51871	X	15:01	N 30.27979 W 87.51871	Wrack	1m 0083 5m 0084 25m N/A	Int.	Yes	Block was exposed previously, possibly by beachgoer.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/14/2011		Surveyors: Frank Sexton, Katrina Paez		Surveyor Signatures: <i>[Signature]</i>					
Survey Transect # WFL-15-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803705 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high Notes
49/50 M	N 30.37998 W 86.85913	X	08:34	Same as yesterday	Wrack	1m 0085 5m 0086 25m N/A	Dist.	Yes	Neck bones exposed. Head partially gone. Covered partially by sand. Team assumes block present under bird. Flies present. Crab hole adjacent to bird.
114/115 M	N 30.38058 W 86.85615	X	08:42	Same as yesterday	Upper	1m 0087 5m 0088 25m N/A	Int.	Yes	Some flies present. Ants present.
101/99 L	N 30.38121 W 86.85150	X	08:53	Same as yesterday	Wrack	1m 0089 5m 0090 25m N/A	Dist.	Yes	Head hollowed out. Ants and flies present.
67/68 L	N 30.38156 W 86.84958	X	09:00	Same as yesterday	Upper	1m 0091 5m 0092 25m N/A	Dist.	Yes	Disturbance around head and lower abdomen. Flies abundantly present.
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/14/2011		Surveyors: Frank Sexton, Katrina Perez		Surveyor Signatures: <i>[Signature]</i> / <i>[Signature]</i>					
Survey Transect # WFL-11-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: R03705 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high Notes
53/54 L	N 30.33585 W 87.11301	X	10:02	Same as yesterday	Low	1m 0093 5m 0094 25m N/A	Int.	Yes	Small flies present.
67/70 L	N 30.33576 W 87.11218	X	10:06	Same as yesterday	Wrack	1m 0095 5m 0096 25m N/A	Dist.	Yes	Disturbance around head, in head cavity and around lower abdomen. Abundant flies present.
35/36 M	N 30.33701 W 87.10710	X	10:16	Same as yesterday	Upper	1m 0097 5m 0098 25m N/A	Int.	Yes	No apparent disturbance.
47/48 L	N 30.33806 W 87.10165	X	10:27	Same as yesterday	Upper	1m 0099 5m 0100 25m N/A	Dist.	Yes	Disturbance around lower back. Some flies present.
80/81 M	N 30.33827 W 87.10020	X	10:31	Same as yesterday	Wrack	1m 0101 5m 0102 25m N/A	Dist.	Yes	Hole in lower back, disturbance in lower cavity. Flies present.
X						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/14/2011		Surveyors: Frank Sexton, Catrina Perez			Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>				
Survey Transect # AL-26-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03705	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
115/116 L	N 30.27710 W 87.53492	X	12:31	N 30.27693 W 87.53570	Upper	1m 0103 5m 0104 25m 0105	Int.	Yes	Bird and blocked moved yesterday to new location due to complaint. Bird flagged when team arrived.
74/72 L	N 30.27869 W 87.52624	X	12:47	Same as yesterday	Wrack	1m 0106 5m 0107 25m N/A	cp Int. Dist.	Yes	Stream of blood coming from abdomen otherwise appears to be intact.
73/74 L	N 30.27902 W 87.52376	X	12:52	Same as yesterday	Low	1m 0108 5m 0109 25m N/A	Int.	Yes	Flies present. Crab holes present on 2 sides of bird.
71/72 L	N 30.27909 W 87.52343	X	12:56	Same as yesterday	Wrack	1m 0110 5m 0111 25m N/A	Dist.	Yes	Condition same as yesterday, buried under sand.
124/125 M	N 30.27942 W 87.52132	X	13:01	Same as yesterday	Wrack	1m 0112 5m 0113 25m N/A	Dist.	Yes	Clear signs of disturbance, opening in lower part of abdomen. Flies present.
96/94 L	N 30.27979 W 87.51871	X	13:08	Same as yesterday	Wrack	1m 0114 5m 0115 25m N/A	Dist.	Yes	Head seems to have been pulled towards entrance of crab hole. signs of disturbance around head. Flies present

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011		Surveyors: Frank Sexton, Catrina Perez			Surveyor Signatures: <i>[Signatures]</i>					
Survey Transect # WFL-15-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803705 Photo(s) ID#	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>	Notes
49/50 M	N 30.37998 W 86.85913	X	08:29	Same as yesterday	Wrack	1m 0116 5m 0117 25m N/A	Dist.	Yes		Head largely disturbed, possibly eaten. signs of disturbance around lower abdomen. Head pulled towards entrance of crab hole.
114/115 M	N 30.38058 W 86.85615	X	08:39	Same as yesterday	Upper	1m 0118 5m 0119 25m N/A	Dist.	Yes		shoulder/wing bones and flesh exposed, partially eaten, as it appears. Head cavity disturbed. Crab hole immediately adjacent.
101/99 L	N 30.38121 W 86.85150	X	08:49	Same as yesterday	Wrack	1m 0120 0122 5m 0123 25m N/A	Dist.	Yes		Head and neck disturbed. Insects present on, around and inside head cavity. Ants, flies present.
67/68	N 30.38156 W 86.84958	X	08:56	Same as yesterday	Upper	1m 0124 5m 0125 25m N/A	Dist.	Yes		Disturbance around head. Eye cavity and jaw appear to be eaten. Flies, ants, and small worm-like animals present.
X						1m	X	X	X	X
						5m				
						25m				
X						1m	X	X	X	X
						5m				
						25m				

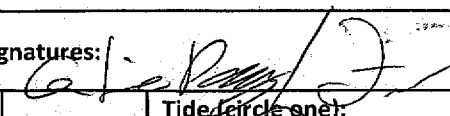
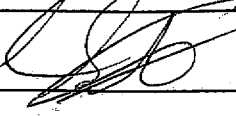
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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011		Surveyors: Frank Sexton, Catrina Perez		Surveyor Signatures: <i>[Signature]</i>					
Survey Transect # WFL-11-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03705	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
53/54 L	N 30.33585 W 87.11301	X	10:00	Same as yesterday	Low	1m 0126 5m 0127 25m N/A	Dist.	Yes	Head disturbed, particularly around eye cavity. Flies present.
67/70 L	N 30.33576 W 87.11218	X	10:06	same as yesterday	Wrack	1m 0128 5m 0129 25m N/A	Dist.	Yes	Disturbance around eye cavity and around lower abdomen. small flies present
35/36 M	N 30.33701 W 87.10710	X	10:21	Same as yesterday	Wrack	1m 0130 5m 0131 25m N/A	Dist.	Yes	Cavity dug into chest. Small flies and ants present. Disturbance around lower abdomen, rectum.
47/48 L	N 30.33806 W 87.10165	X	10:33	Same as yesterday	Wrack	1m 0132 5m 0133 25m N/A	Dist.	Yes	Hole dug into lower back, forming half-dollar-sized hole. Some disturbance around head. Flies present.
80/81 M	N 30.33827 W 87.10020	X	10:39	Same as yesterday	Wrack	1m 0134 5m 0135 25m N/A	Dist.	Yes.	Large hole dug into lower back. Backbones exposed. Head cavity hollowed out. Small flies present.
X						1m	X	X	X
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011		Surveyors: Frank Sexton, Catrina Perez		Surveyor Signatures:  						
Survey Transect # A1-76-06										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03705 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, (falling), slack low, slack high	Notes
115/116 L	N 30.27693 W 87.53570		14:29	Same as yesterday	Upper	1m 0136 5m 0137 25m N/A	Dist.	Yes.	(falling)	Head disturbed by scavenging. Crab hole directly adjacent to bird. Bones under wing partially showing. Flies present.
74/72 L	N 30.27869 W 87.52624		14:45	Same as yesterday	Wrack	1m 0138 5m 0139 25m N/A	Dist.	Yes.	(falling)	Head cavity disturbed, partially hollowed out. Blood visible at lower abdomen. Crab hole immediately adjacent to bird.
73/74 L	N 30.27902 W 87.52376		14:52	Same as yesterday	Low	1m 0140 5m 0141 25m N/A	Dist.	Yes	(falling)	Disturbance at head. Head cavity appears to be hollowed out. Skull, some around neck, exposed. Flies present.
71/72 L	N 30.27909 W 87.52343		14:55	Same as yesterday	Wrack	1m 0142 5m 0143 25m N/A	Dist.	Yes	(falling)	No apparent change since yesterday. Buried under sand.
124/125 M	N 30.27942 W 87.52132		15:03	N 30.27962 W 87.52137	Wrack	1m 0144 5m 0145 25m 0146	Dist.	Yes	(falling)	Moved from previous location. Team repositioned block under bird. Head disturbed. Chest shows signs of disturbance.
96/94 L	N 30.27979 W 87.51871		15:11	Same as yesterday	Wrack	1m 0147 5m 0148 25m N/A	Dist.	Yes	(falling)	Head cavity appears to be hollowed out. Flies present.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011		Surveyors: Frank Sexton, Catrina Perez		Surveyor Signatures: [Signatures]						
Survey Transect # WFL-15-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03705 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>	Notes
49/50 M	N 30.37998 W 86.85913	X	08:30	CP Miss. N/A	CP Wreck N/A	1m 0149 5m 0150 25m N/A	Miss.	No		No bird or block found. Beach previously groomed (raked). Pile of beach debris found on upper beach ~50m past site. Bird not found in surface layers, but team did not dig completely through debris.
114/115 M	N 30.38058 W 86.85815	X	08:38	Same as yesterday	Upper	1m 0151 5m 0152 25m N/A	Dist.	Yes		Chest and wing bones partially exposed, abdomen sunk in. Head appears to be completely hollowed out. Ants present.
101/99 L	N 30.38121 W 86.85150	X	08:55	Same as yesterday	Low	1m 0153 5m 0154 25m N/A	Dist.	Yes		Wing bones partially exposed. Head cavity hollowed out.
67/68 L	N 30.38156 W 86.84958	X	08:59	Same as yesterday	Upper	1m 0155 5m 0156 25m N/A	Dist.	Yes		Skull exposed. Lower back bones exposed around tail. Hole dug into back. Flies and ants present.
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011		Surveyors: Frank Sexton, Catrina Perez			Surveyor Signatures: [Signatures]				
Survey Transect # WFL-11-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
53/54 L	N 30.33585 W 87.11301		10:13	Same as yesterday	Low	1m 0157	Dist.	Yes	Disturbance around lower back. Head is hollowed out.
						5m 0158			
						25m N/A			
67/70 L	N 30.33576 W 87.11218		10:17	Same as yesterday	Wrack	1m 0159	Dist.	Yes	Disturbance around head and lower abdomen. Water line has reached carcass.
						5m 0160			
						25m N/A			
35/36 M	N 30.33701 W 87.10710		10:27	Same as yesterday	Upper	1m 0161	Dist.	Yes	Holes in lower abdomen and in upper chest. Carcass seems to have shrunk in size.
						5m 0162			
						25m N/A			
47/48 L	N 30.33806 W 87.10165		10:37	Same as yesterday	Upper	1m 0163	Dist.	Yes	Hole in lower abdomen with some bones exposed.
						5m 0164			
						25m N/A			
80/81 M	N 30.33827 W 87.10020		10:41	Same as yesterday	Wrack	1m 0165	Dist.	Yes	Hole in lower back with tail mostly missing. Hole extends to mid-back approximately. Neck bones exposed.
						5m 0166			
						25m N/A			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011		Surveyors: Frank Sexton, Katrina Reez			Surveyor Signatures: <i>[Signature]</i> / <i>[Signature]</i>				
Survey Transect # AL-26-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
115/116 L	N 30.27693 W 87.53570		12:51	Same as yesterday	Upper	1m 0167	Dist.	Yes.	Neck exposed.
						5m 0168			
						25m N/A			
74/72 L	N 30.27869 W 87.52624		13:07	Same as yesterday	Wrack	1m 0169	Dist.	Yes	Signs of disturbance around head. Small hole around lower abdomen.
						5m 0170			
						25m N/A			
73/74 L	N 30.27902 W 87.52376		13:14	Same as yesterday	Low	1m 0171	Dist.	Yes	Hole in back of head/cranium. Head largely disturbed.
						5m 0172			
						25m N/A			
71/72 L	N 30.27909 W 87.52343		13:17	Same as yesterday	Wrack	1m 0173	Dist.	Yes	Bird still mostly covered by sand.
						5m 0174			
						25m N/A			
124/125 M	N 30.27962 W 87.52137		13:22	Same as yesterday	Upper	1m 0175	Dist.	Yes	Bird appears to have shrunk in size. Some wing bones exposed.
						5m 0176			
						25m N/A			
96/94 L	N 30.27979 W 87.51871		13:28	Same as yesterday	Wrack	1m 0177	Dist.	Yes	Head disturbed and hollowed out.
						5m 0178			
						25m N/A			

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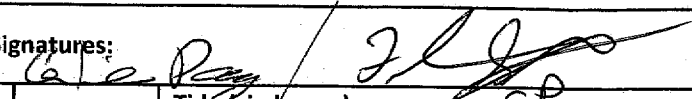
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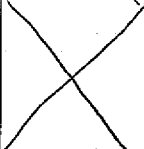

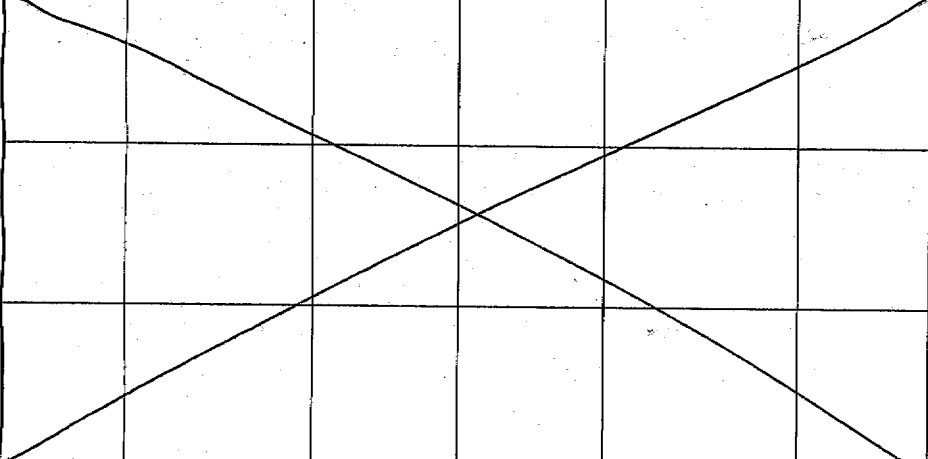

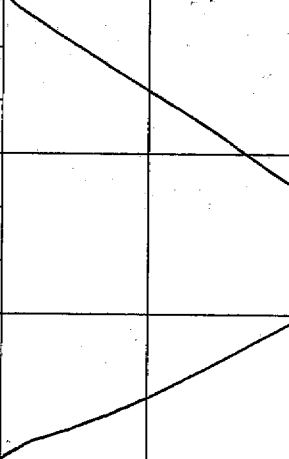
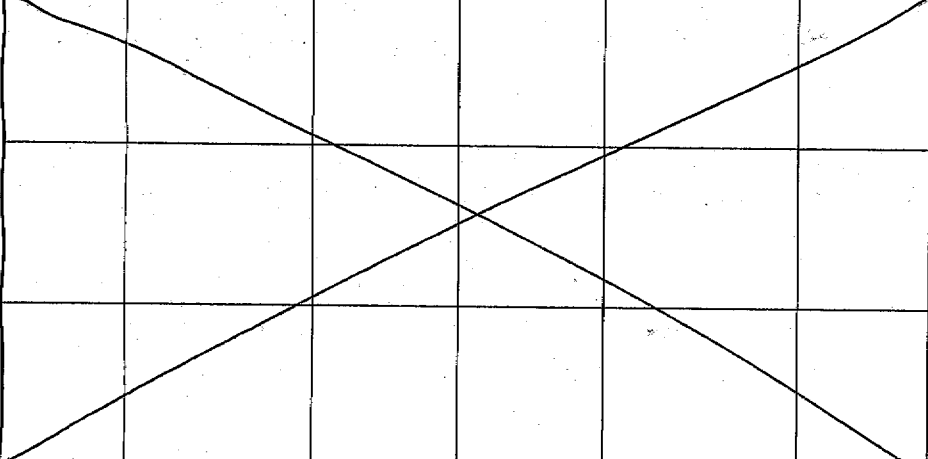

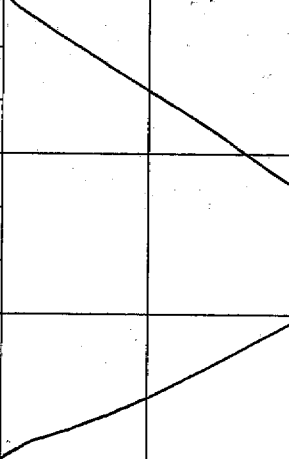
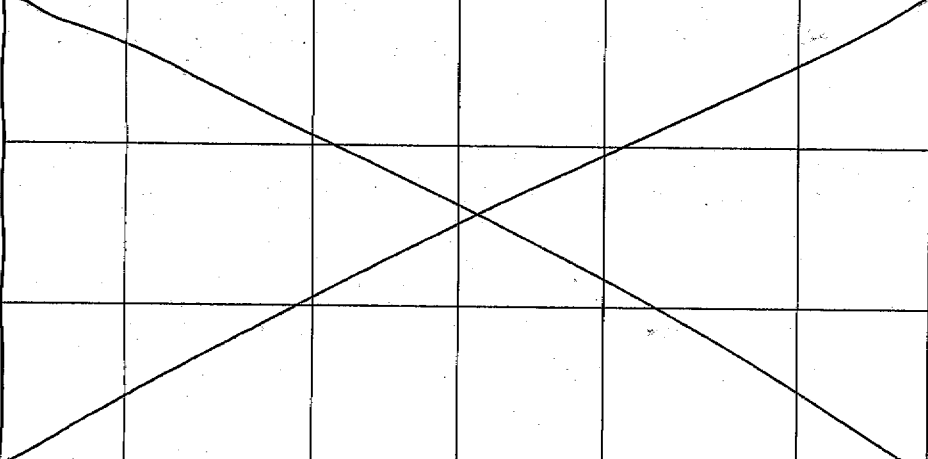

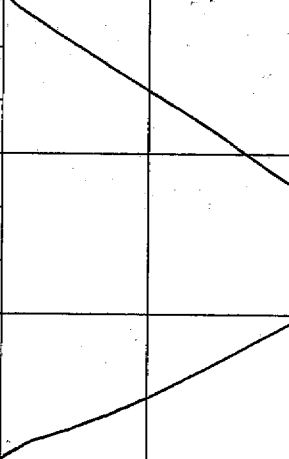
Survey Transect # WFL-15-02

Surveyors:

Frank Sexton, Catrina Perez

Surveyor Signatures:



Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, falling, slack low, slack high	
114/115 M	N 30.38058 W 86.85615		07:49	Same as yesterday	Upper	1m 0179	Dist.	Yes		Maggots visible in chest cavity.
						5m 0180				
						25m N/A				
101/99 L	N 30.38121 W 86.85150		07:58	Same as yesterday	Low	1m 0181	Dist.	Yes		Head had ^{cp} has been degraded to nearly only skull and neck bones. Chest cavity punctured, ants inside.
						5m 0182				
						25m N/A				
67/68 L	N 30.38156 W 86.84958		08:06	Same as yesterday	Upper	1m 0183	Dist.	Yes		No apparent changes to previous day.
						5m 0184				
						25m N/A				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/11		Surveyors: Frank Sexton, Catrina Perez		Surveyor Signatures: [Signatures]					
Survey Transect # WFL-11-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						B03705			Photo(s) ID# ⁴
53/54 L	N 30.33585 W 87.11301		09:12	Same as yesterday	Low	1m 0185	Dist.	Yes	Foul odor noticed.
						5m 0186			
						25m N/A			
67/70 L	N 30.33576 W 87.11218		09:16	Same as yesterday	Wrack	1m 0187	Dist.	Yes	Large hole near rectum.
						5m 0188			
						25m N/A			
35/36 M	N 30.33701 W 87.10710		09:25	Same as yesterday	Upper	1m 0189	Dist.	Yes	No significant changes since yesterday as it appears.
						5m 0190			
						25m N/A			
47/48 L	N 30.33806 W 87.10165		09:34	Same as yesterday	Upper	1m 0191	Dist.	Yes	Disturbance near lower abdomen/rectum. Appears to be insects present in cavity.
						5m 0192			
						25m N/A			
80/81 M	N 30.33827 W 87.10020		09:38	Same as yesterday	Wrack	1m 0193	Dist.	Yes	Lower portion of carcass, including tail, is missing. Abdominal cavity beginning to get hollowed out.
						5m 0194			
						25m N/A			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/11		Surveyors: Frank Sexton, Katrina Perez		Surveyor Signatures: [Signatures]					
Survey Transect # AL-26-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						B03705			Photo(s) ID# ⁴
Notes									
115/116 L	N 30.27693 W 87.53570	X	11:30	Same as yesterday	Wrack	1m 0195 5m 0196 25m N/A	Dist.	Yes	Foul odor, otherwise no obvious changes since yesterday. cp
74/72 L	N 30.27869 W 87.52624	X	11:40	Same as yesterday	Wrack	1m 0197 5m 0198 25m N/A	Dist.	Yes	No obvious change since yesterday.
73/74 L	N 30.27902 W 87.52376	X	11:45	Same as yesterday	Low	1m 0199 5m 0200 25m N/A	Dist.	Yes	No obvious changes since yesterday.
71/72 L	N 30.27909 W 87.52343	X	11:47	Same as yesterday	Wrack	1m 0201 5m 0202 25m N/A	Dist.	Yes	No changes since yesterday.
124/125 M	N 30.27962 W 87.52137	X	11:53	Same as yesterday	Upper	1m 0203 5m 0204 25m N/A	Dist.	Yes	Bird marked by sticks, potentially by beachgoers. Block not visible, but assumed to be beneath bird in sand. Bird seems to have shrunk in size.
96/94 L	N 30.27979 W 87.51871	X	12:00	Same as yesterday	Wrack	1m 0205 5m 0206 25m N/A	Dist.	Yes	Bird buried in sand, potentially by beachgoers. Block assumed to be underneath. Gull hole directly adjacent to carcass.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

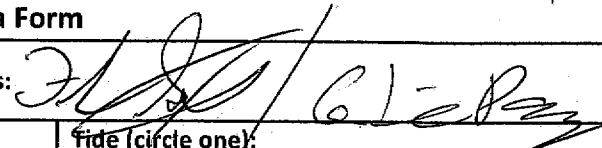
Date (mm/dd/yyyy): 6/18/11

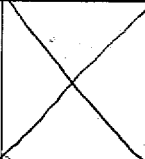

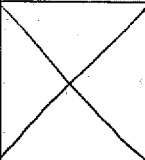
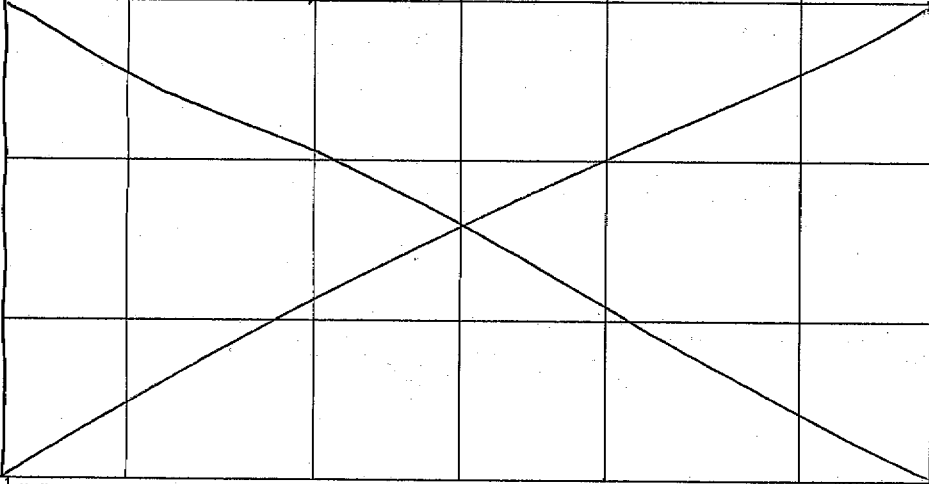

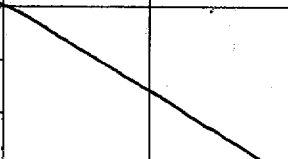
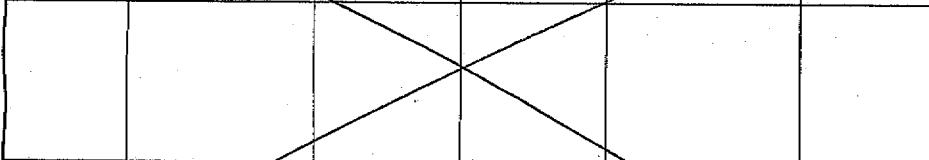
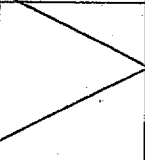
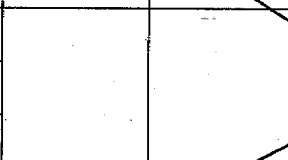
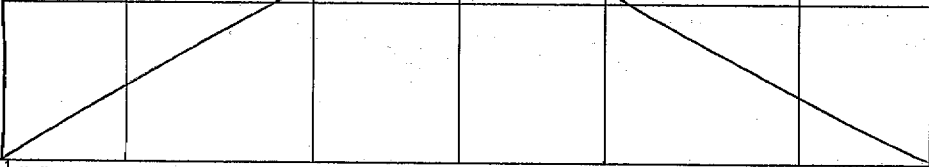

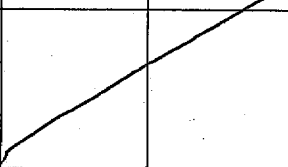
Survey Transect # WFL-15-02

Surveyors:

Frank Sexton, Catrina Perez

Surveyor Signatures:



Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present?	Tide (circle one):	Notes
						803705			Photo(s) ID# ⁴	
114/115 M	N 30.38058 W 86.85615		08:22	Same as yesterday.	Upper	1m 0207	Dist.	Yes	<input checked="" type="radio"/>	Maggots present. Chest cavity open, area around tail/rump partially missing. Crab digging has covered ~50% of bird with sand.
						5m 0208				
						25m N/A				
101/99 L	N 30.38121 W 86.85150		08:33	Same as yesterday	Low	1m 0209	Dist.	Yes	<input type="radio"/>	No obvious changes to previous day.
						5m 0210				
						25m N/A				
6-7/68 L	N 30.38156 W 86.84958		08:41	Same as yesterday	Upper	1m 0211	Dist.	Yes	<input type="radio"/>	Maggots present, otherwise no obvious changes on carcass. Some sand covering bird carcass from crab burrowing.
						5m 0212				
						25m N/A				
						1m			<input type="radio"/>	
						5m				
						25m				
						1m			<input type="radio"/>	
						5m				
						25m				
						1m			<input type="radio"/>	
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/18/11

Survey Transect # WFL-11-01

Surveyors:

Frank Sexton, Katrina Perez

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						803705			Photo(s) ID# ⁴	
53/54 L	N 30.33565 W 87.11301		09:43	Same as yesterday	Low	1m 0213	Dist.	Yes		Abdominal cavity seems to be hollowed out. Carcass appears to have sunken in. Crab holes directly adjacent.
						5m 0214				
						25m N/A				
67/70 L	N 30.33576 W 87.11218		09:51	Same as yesterday	Wrack	1m 0215	Dist.	Yes		Hole in lower abdomen enlarged.
						5m 0216				
						25m N/A				
35/36 M	N 30.33701 W 87.10710		10:02	Same as yesterday	Upper	1m 0217	Dist.	Yes		Bird has been marked with flag. No other obvious changes from previous day.
						5m 0218				
						25m N/A				
47/48 L	N 30.33806 W 87.10165		10:11	Same as yesterday	Upper	1m 0219	Dist.	Yes		Partially covered in sand from crab burrowing.
						5m 0220				
						25m N/A				
80/81 M	N 30.33827 W 87.10020		10:16	Same as yesterday	Wrack	1m 0221	Dist.	Yes		Tail completely missing, ramp ^{cp} and lower back partially missing. Abdominal cavity appears to be hollowed out.
						5m 0222				
						25m N/A				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/18/11		Surveyors: Frank Sexton, Katrina Perez		Surveyor Signatures: <i>[Signatures]</i>					
Survey Transect # AL-26-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						B03705			Photo(s) ID# ⁴
Notes									
115/116 L	N 30.27693 W 87.53570	X	13:02	Same as yesterday	Upper	1m 0223 5m 0224 25m N/A	Dist	Yes	No obvious changes from previous day.
74/72 L	N 30.27869 W 87.52624	X	13:19	Same as yesterday.	Wrack	1m 0225 5m 0226 25m N/A	Dist.	Yes	No obvious changes from previous day.
73/74 L	N 30.27902 W 87.52376	X	13:25	Same as yesterday	Low	1m 0227 5m 0228 25m N/A	Dist.	Yes	No obvious changes to outside of carcass. Appears to maybe have sunken in slightly.
71/72 L	N 30.27909 W 87.52343	X	13:28	Same as yesterday	Wrack	1m 0229 5m 0230 25m N/A	Dist.	Yes	Bird has been partially uncovered from sand.
124/125 M	N 30.27962 W 87.52137	X	13:33	Same as yesterday	Upper	1m 0231 5m 0232 25m N/A	Dist.	Yes	No obvious changes from previous changes day.
96/94 L	N 30.27979 W 87.51871	X	13:40	Same as yesterday	Wrack	1m 0233 5m 0234 25m N/A	Dist.	Yes	No obvious changes from previous day.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/19/11

Survey Transect # WFL-15-02

Surveyors: Frank Sexton, Katrina Paez

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, falling, slack low, slack high	
114/115 M	N 30.38058 W 86.85615		08:27	Same as yesterday	Upper	1m 0235	Dist.	Yes	<input checked="" type="radio"/>	Most of the bird has been covered by sand from crab burrowing. Mostly feathers, including tail feathers visible. bird appears to of
						5m 0236				
						25m N/A				
101/99 L	N 30.38121 W 86.85150		08:37	Same as yesterday	Low	1m 0237	Dist.	Yes	<input checked="" type="radio"/>	Appears to have shifted somewhat in position. Bird appears to have sunken in around chest and abdomen.
						5m 0238				
						25m N/A				
67/68 L	N 30.38156 W 86.84958		08:44	Same as yesterday	Upper	1m 0239	Dist.	Yes	<input checked="" type="radio"/>	Head covered by sand, possibly by crab activity. Some additional degradation around neck.
						5m 0240				
						25m N/A				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/19/11		Surveyors: Frank Sexton, Catrina Paez		Surveyor Signatures: [Signature]						
Survey Transect # WFL-11-01										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						B03705			Photo(s) ID# ⁴	
53/54 L	N 30.33585 W 87.11301		09:43	same as yesterday	Low	1m 0241	Dist.	Yes	<input checked="" type="radio"/>	Carcass has flattened out, potentially because insides have been hollowed out.
						5m 0242				
						25m N/A				
67/70 L	N 30.33576 W 87.11218		09:46	same as yesterday	Wrack	1m 0243	Dist.	Yes	<input checked="" type="radio"/>	Bird appears to be ^{op} bloated. No obvious changes from previous day.
						5m 0244				
						25m N/A				
35/36 M	N 30.33701 W 87.10710		09:57	same as yesterday	Upper	1m 0245	Dist.	Yes	<input checked="" type="radio"/>	No obvious changes from previous day. ^{op} Large log adjacent to carcass.
						5m 0246				
						25m N/A				
47/48 L	N 30.33806 W 87.10165		10:06	same as yesterday	Upper	1m 0247	Dist.	Yes	<input checked="" type="radio"/>	Carcass partially buried, possibly by crab activity.
						5m 0248				
						25m N/A				
80/81 M	N 30.33827 W 87.10020		10:10	same as yesterday	Wrack	1m 0249	Dist.	Yes	<input checked="" type="radio"/>	Head buried in sand. Degradation continues upward ^{op} along from the lower back and abdomen.
						5m 0250				
						25m N/A				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/19/11

Survey Transect # AL-26-06

Surveyors:

Frank Sexton, Catrina Rez

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
115/116 L	N 30.27693 W 87.53570		12:01	Same as yesterday	Upper	1m 0251	Dist.	Yes	No obvious changes from previous day.
						5m 0252			
						25m N/A			
74/72 L	N 30.27869 W 87.52624		12:12	Same as yesterday	Wrack	1m 0253	Dist.	Yes	No obvious changes from previous day.
						5m 0254			
						25m N/A			
73/74 L	N 30.27902 W 87.52376		12:17	Same as yesterday	Low	1m 0255	Dist.	Yes	No obvious changes from previous day. Stingray washed up or was placed next to bird.
						5m 0256			
						25m N/A			
71/72 L	N 30.27909 W 87.52343		12:20	Same as yesterday	Wrack	1m 0257	Dist.	Yes	No obvious changes from previous day.
						5m 0258			
						25m N/A			
124/125 M	N 30.27962 W 87.52137		12:25	Same as yesterday	Upper	1m 0259	Dist.	Yes	No obvious or significant changes from previous day.
						5m 0260			
						25m N/A			
96/94 L	N 30.27979 W 87.51871		12:32	Same as yesterday	Wrack	1m 0261	Dist.	Yes	Bird seems to have been exposed partially, possibly scavenged.
						5m 0262			
						25m N/A			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/20/2011		Surveyors: Frank Sexton; Katrina Pace		Surveyor Signatures: [Signature]						
Survey Transect # WFL-15-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03 705 Photo(s) ID# ⁴	Carcass State ⁵	Block Present?	Tide (circle one): rising, falling, slack low, slack high	Notes
114/115 M	N 30.38058 W 86.85615		08:21	same as yesterday	Upper	1m 0263 5m 0264 25m N/A	Dist.	Yes		Rump is missing. One wing broken, possibly from scavenging.
101/99 L	N 30.38121 W 86.85150		08:30	same as yesterday	Low	1m 0265 5m 0266 25m N/A	OR	Yes		Carcass sunken in. Chest area punctured from shoulder to shoulder.
67/68 L	N 30.38156 W 86.84958		08:36	same as yesterday	Upper	1m 0267 5m 0268 25m N/A	Dist.	Yes		Bird more buried in sand compared to previous day.
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/20/2011		Surveyors: Frank Sexton, Katrina Perez			Surveyor Signatures: <i>[Signature]</i>				
Survey Transect #: WFL-11-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03705	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
53/54 L	N 30.33585 W 87.11301	X	09:36	Same as yesterday	Low	1m 0269	OR	Yes	Organs appear to be removed because carcass has collapsed. Exterior mostly intact.
						5m 0270			
						25m N/A			
67/70 L	N 30.33576 W 87.11218	X	09:40	same as yesterday	Wrack	1m 0271	Dist.	Yes	No obvious, significant changes from previous day.
						5m 0272			
						25m N/A			
35/36 M	N 30.33701 W 87.10710	X	09:49	Same as yesterday	Upper	1m 0273	Dist.	Yes	Partially covered by sand from excavation of log present on previous day.
						5m 0274			
						25m N/A			
47/48 L	N 30.33806 W 87.10105	X	09:59	same as yesterday	Upper	1m 0275	Dist.	Yes	Partially covered by sand. Tire tracks directly over carcass.
						5m 0276			
						25m N/A			
80/81 M	N 30.33827 W 87.10020	X	10:04	same as yesterday	Wrack	1m 0277	Dist. OR	Yes	Rump completely missing. Organs seem to be completely removed.
						5m 0278			
						25m N/A			
X	X	X	X	X	X	1m	X	X	X
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/20/2011		Surveyors: Frank Sexton, Katrina Paez				Surveyor Signatures: [Signature]			
Survey Transect # A1-76-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, slack high
Notes									
115/116 L	N 30.27693 W 87.53570		12:25	Same as yesterday	Upper	1m 0279 5m 0280 25m N/A	Dist.	Yes	Bird has been buried in sand. Block assumed to be underneath.
74/72 L	N 30.27869 W 87.52624		12:36	same as yesterday	Wrack	1m 0281 5m 0282 25m N/A	Dist.	Yes	Head covered with sand, possibly from crab burrowing. Carcass has been marked with flagged stake.
73/74 L	N 30.27902 W 87.52376		12:43	same as yesterday	Low	1m 0283 5m 0284 25m N/A	Dist.	Yes	Stingray from previous day placed directly next to carcass, partially covering bird.
71/72 L	N 30.27909 W 87.52343		12:46	same as yesterday	Wrack	1m 0285 5m 0286 25m N/A	Dist.	Yes	No obvious, significant changes.
124/125 M	N 30.27962 W 87.52137		12:50	same as yesterday	Upper	1m 0287 5m 0288 25m N/A	Dist.	Yes	No obvious changes from previous day.
96/94 L	N 30.27979 W 87.51871		13:03	same as yesterday	Wrack	1m 0289 5m 0290 25m N/A	Dist.	Yes	Bird carcass was completely submerged in sand. Team had to remove some sand layers to verify presence.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 08/21/2011		Surveyors: Frank Sexton, Katrina Perez			Surveyor Signatures: <i>[Signature]</i>					
Survey Transect #: WFL-15-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising falling, slack low, slack high	Notes
						Photo(s) ID# ⁴				
114/115 M	N 30.38058 W 86.85815		08:49	Same as yesterday	Upper	1m 0291	Dist.	Yes		Half upper portion of body is covered by sand. Body disturbed/scavenged, specific part of carcass not identifiable.
						5m 0292				
						25m N/A				
101/99 L	N 30.38121 W 86.85150		09:00	Same as yesterday	Low	1m 0293	Dist.	Yes		No obvious changes from previous day.
						5m 0294				
						25m N/A				
67/68 L	N 30.38158 W 86.84958		09:05	Same as yesterday	Upper	1m 0295	Dist.	Yes		No changes from previous day.
						5m 0296				
						25m N/A				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/21/2011		Surveyors: Frank Sexton, Catrina Perez		Surveyor Signatures: [Signatures]					
Survey Transect #: WFL-11-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						803705			Photo(s) ID# ⁴
Notes									
53/54 L	N 30.33585 W 87.11301		10:07	same as yesterday	Low	1m 0297 5m 0298 25m N/A	Dist.	Yes	No obvious changes from previous day.
67/70 L	N 30.33576 W 87.11218		10:11	same as yesterday	Wrack	1m 0299 5m 0300 25m N/A	Dist.	No	Bird carcass was moved slightly by wash. Block seems to have been washed away during same event; could not be found.
35/36 M	N 30.33701 W 87.10710		10:28	same as yesterday	Upper	1m 0301 5m 0302 25m N/A	Dist.	Yes	No changes from previous day.
47/48 L	N 30.33806 W 87.10165		10:30	same as yesterday	Upper	1m 0303 5m 0304 25m N/A	Dist.	Yes	No changes from previous day. En route to location a member from a clean up crew mentioned that he stayed clear from the bird and drove around it.
80/81 M	N 30.33827 W 87.10020		10:33	same as yesterday	Wrack	1m 0305 5m 0306 25m N/A	OR	Yes	No changes from previous day.
[Crossed out row]									

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/21/2011		Surveyors: Frank Sexton, Katrina Acz		Surveyor Signatures: [Signature]					
Survey Transect #: AL-28-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						B03705			Photo(s) ID# ⁴
115/116 L	N 30.27693 W 87.53570	X	12:44	same as yesterday	Upper	1m 0307 5m 0308 25m N/A	Dist.	Yes	No obvious changes from previous day. Raking/Grooming trails adjacent to bird, but not over bird. Possibly because Plugged.
74/72 L	N 30.27869 W 87.52624	X	12:54	same as yesterday	Wrack	1m 0309 5m 0310 25m N/A	Dist.	Yes	No obvious changes from previous day.
73/74 L	N 30.27902 W 87.52376	X	12:59	same as yesterday	Low	1m 0311 5m 0312 25m N/A	Dist.	Yes	No obvious changes from previous day.
71/72 L	N 30.27909 W 87.52343	X	13:01	same as yesterday	Wrack	1m 0313 5m 0314 25m N/A	Dist.	Yes	No changes from previous day.
124/125 M	N 30.27962 W 87.52137	X	13:06	same as yesterday	Upper	1m 0315 5m 0316 25m N/A	Dist.	Yes	No changes from yesterday.
96/94 L	N 30.27979 W 87.51871	X	13:13	N/A	CP wrack N/A	1m 0317 5m 0318 25m N/A	Miss.	No	Bird could not be found today. Assumed to be buried in sand, but could not locate and many beachgoers around densely situated around location.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/22/2011		Surveyors: Frank Sexton, Katrina Paez				Surveyor Signatures: [Signature]			
Survey Transect # WFL-15-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03705 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u> Notes
114/115 M	N 30.38058 W 86.85615		08:36	same as yesterday	Upper	1m 0319 5m 0320 25m N/A	Dist.	Yes	No changes from previous day
101/99 L	N 30.38121 W 86.85150		08:45	same as yesterday	Low	1m 0321 5m 0322 25m N/A	Dist.	Yes	No changes from previous day
67/68 L	N 30.38156 W 86.84958		08:50	same as yesterday	Upper	1m 0323 5m 0324 25m N/A	Dist.	Yes	Appears to be more covered in sand.
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/22/2001		Surveyors: Frank Sexton, Catrina Perez		Surveyor Signatures: <i>[Signatures]</i>					
Survey Transect #: WFL-11-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						B03705			Photo(s) ID# ⁴
Notes									
53/54 L	N 30.33585 W 87.11301		09:50	same as yesterday	Low	1m 0325 5m 0326 25m N/A	Dist.	Yes	Carcass more buried than previous day, only part of wing visible.
67/70 L	N 30.33576 W 87.11218		09:53	same as yesterday	Wrack	1m 0327 CP 5m 0328 CP 25m N/A	Dist.	CP No	Bird covered/buried in sand partially. Seems to have been submerged through tidal action.
35/36 M	N 30.33701 W 87.10710		10:03	same as yesterday	Upper	1m 0329 CP 5m 0330 CP 25m N/A	Dist.	Yes	No changes from previous day.
47/48 L	N 30.33806 W 87.10165		10:12	same as yesterday	Upper	1m 0331 5m 0332 25m N/A	Dist.	Yes	No significant changes from previous day.
80/81 M	N 30.33827 W 87.10020		10:16	same as yesterday	Wrack	1m 0333 5m 0334 25m N/A	OR	Yes	No significant changes from previous day.
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/22/2011		Surveyors: Frank Sexton, Katrina Paez				Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>			
Survey Transect #: AL-26-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, <u>slack high</u>
115/116 L	N 30.27693 W 87.53570		12:00	Same as yesterday	Upper	1m 0335	Dist.	Yes	Bird somewhat more exposed than previous day.
						5m 0336			
						25m N/A			
74/72 L	N 30.27869 W 87.52624		12:10	Same as yesterday	Wrack	1m 0337	Dist.	Yes	No significant changes from previous day. Floating mattress located close to bird.
						5m 0338			
						25m N/A			
73/74 L	N 30.27902 W 87.52376		12:16	Same as yesterday	Low	1m 0339	Dist.	Yes	No changes from previous day.
						5m 0340			
						25m N/A			
71/72 L	N 30.27909 W 87.52343		12:18	Same as yesterday	Wrack	1m 0341	Dist.	Yes	Bird was completely covered by sand, team had to remove some sand layers to verify presence of bird. Cross was erected by bird next to bird.
						5m 0342			
						25m N/A			
124/125 M	N 30.27962 W 87.52137		12:23	Same as yesterday	Upper	1m 0343	Dist.	Yes	No obvious changes from previous day.
						5m 0344			
						25m N/A			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/23/2011		Surveyors: Frank Sexton, Catrina Perez			Surveyor Signatures: <i>[Signature]</i> / <i>[Signature]</i>				
Survey Transect #: WFL-15-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, slack high
114/115 M	N 30.38058 W 86.85615		08:09	same as yesterday	Upper	1m 0345	Dist.	Yes	Notes
						5m 0346			
						25m N/A			
101/99 L	N 30.38121 W 86.85150		08:18	same as yesterday	Low	1m 0347	Dist.	Yes	Chest feathers fading in color. Holes across chest appear to be expanding downward. Appears to be missing one leg. Bill and head completely hollowed out.
						5m 0348			
						25m N/A			
67/68 L	N 30.38156 W 86.84958		08:24	same as yesterday	Upper	1m 0349	Dist.	Yes	Bird more buried in sand than previous day. Only some wings ^{feathers} and one foot visible.
						5m 0350			
						25m N/A			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/23/2011		Surveyors: Frank Sexton, Katrina Perez		Surveyor Signatures: [Signatures]					
Survey Transect # WFL-11-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						B03705			Photo(s) ID# ⁴
Notes									
53/54 L	N 30.33585 W 87.11301		09:15	Same as yesterday	Low	1m 0351 5m 0352 25m N/A	Dist.	Yes	Bird was completely covered by sand. Team had to remove some sand layers to verify bird was still present.
67/70 L	N 30.33576 W 87.11218		09:19	same as yesterday	Wrack	1m 0353 5m 0354 25m N/A	Dist.	Yes CP NO	Bird is at ledge of the sand. Half of the bird is sticking out past the ledge, the other is buried in the sand. Wave action may affect bird.
35/36 M	N 30.33701 W 87.10710		09:27	same as yesterday	Upper	1m 0355 5m 0358 25m N/A	Dist.	Yes	No changes from previous day.
47/48 L	N 30.33806 W 87.10165		09:37	same as yesterday	Upper	1m 0357 5m 0358 25m N/A	Dist.	Yes	No changes from previous day.
80/81 M	N 30.33827 W 87.10020		09:40	same as yesterday	Wrack	1m 0359 5m 0360 25m N/A	CP OR	Yes	Head is mostly bones and feathers. One leg is detached from body. Otherwise mainly pectorals remaining.
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/23/2011		Surveyors: Frank Sexton, Catrina Paez		Surveyor Signatures: [Signature]					
Survey Transect #: AL-26-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						803705			Photo(s) ID# ⁴
Notes									
115/116 L	N 30.27693 W 87.53570		10:50	same as previous day N/A	CP Upper N/A	1m 0361 5m 0362 25m N/A	Miss.	No	Bird and block could not be found. Area had been raked previously
74/72 L	N 30.27869 W 87.52624		11:00	same as yesterday	Wrack	1m 0363 5m 0364 25m N/A	Dist.	Yes	No significant changes from previous day.
73/74 L	N 30.27902 W 87.52376		11:05	same as yesterday	CP Low	1m 0365 5m 0366 25m N/A	Dist.	Yes	No changes from previous day.
71/72 L	N 30.27909 W 87.52343		11:07	same as yesterday	Wrack	1m 0367 5m 0368 25m N/A	Dist.	Yes	No changes from previous day. Still buried in sand. Only very few feathers exposed.
124/125 M	N 30.27962 W 87.52137		11:12	same as yesterday	Upper	1m 0369 5m 0370 25m N/A	Dist.	Yes	No obvious changes from previous day.
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/24/2011		Surveyors: Frank Sexton, Katrina Perez				Surveyor Signatures: <i>[Signatures]</i>			
Survey Transect #: WFL-15-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, slack high
114/115 M	N 30.38058 W 86.85615		09:06	same as yesterday	Upper	1m 0371	Dist.	Yes	Bird almost completely buried in sand. Some feathers visible and block visible through small hole.
						5m 0372			
						25m N/A			
101/99 L	N 30.38121 W 86.85150		09:14	same as yesterday	Low	1m 0373	Dist.	Yes	No obvious changes from previous day.
						5m 0374			
						25m N/A			
67/68 L	N 30.38158 W 86.84958		09:18	same as yesterday	Upper	1m 0375	Dist.	Yes	No obvious changes from previous day. Covered in sand, so decomposition is hard to assess.
						5m 0376			
						25m N/A			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/24/2011		Surveyors: Frank Sexton, Catrina Perez		Surveyor Signatures: [Signature]					
Survey Transect # WFL-11-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, slack high
Notes									
53/54 L	N 30.33585 W 87.11301		10:12	same as yesterday	Low	1m 0377	Dist.	Yes	No obvious changes from previous day.
						5m 0378			
						25m N/A			
67/70 L	N 30.33576 W 87.11218		10:14	same as yesterday	Wrack	1m 0379	Dist.	Yes	Appears that bird was somewhat disturbed by tidal action. Otherwise no significant changes from previous day.
						5m 0380			
						25m N/A			
35/36 M	N 30.33701 W 87.10710		10:24	same as yesterday	Upper	1m 0381	Dist.	Yes	Rump partially gone. Chest seems to be more exposed with less feathers. One leg broken, partially separated from body.
						5m 0382			
						25m N/A			
47/48 L	N 30.33806 W 87.10165		10:38	same as yesterday	Upper	1m 0383	Dist.	Yes	No significant changes from previous day.
						5m 0384			
						25m N/A			
80/81 M	N 30.33827 W 87.10020		10:41	same as yesterday	Wrack	1m 0385	OR	Yes	Some ribs and part of spinal column present, otherwise mostly wings and head.
						5m 0386			
						25m N/A			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/24/2011

Survey Transect # AL-26-06

Surveyors: Frank Sexton, Catrina Paetz

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
74/72 L	N 30.27869 W 87.52624		12:05	same as yesterday	Wrack	1m 0387 CP	Dist.	Yes	No significant changes from previous day.
						5m 0388			
						25m N/A			
73/74 L	N 30.27902 W 87.52376		12:11	same as yesterday	Low	1m 0389	Dist.	Yes	No significant changes from previous day.
						5m 0390			
						25m N/A			
71/72 L	N 30.27909 W 87.52343		12:15	same as yesterday	Wrack	1m 0391	Dist.	Yes	Bird assumed to be under sand mound since there were no obvious changes from previous day.
						5m 0392			
						25m N/A			
124/125 M	N 30.27962 W 87.52137		12:18	same as yesterday	Upper	1m 0393	Dist.	Yes	No obvious changes from previous day. Beachgoer mentioned they intentionally left bird as was because of note on block, otherwise would have covered with sand.
						5m 0394			
						25m N/A			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/25/2011		Surveyors: Frank Sexton, Catrina Paez				Surveyor Signatures: <i>[Signature]</i>			
Survey Transect #: WFL-15-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						803705			Photo(s) ID# ⁴
114/115 M	N 30.38058 W 86.85615	X	08:13	same as yesterday	Upper	1m 0395	Dist.	Yes	Sand around carcass caved in slightly. More feathers, more of leg exposed.
						5m 0396			
						25m N/A			
101/99 L	N 30.38121 W 86.85150	X	08:21	same as yesterday	Low	1m 0397	Dist.	Yes	No obvious changes from previous day.
						5m 0398			
						25m N/A			
67/68 L	N 30.38158 W 86.84958	X	08:26	same as yesterday	Upper	1m 0399	Dist.	Yes	No obvious, significant changes from previous day.
						5m 0400			
						25m N/A			
X	X	X	X	X	X	1m	X	X	X
						5m			
						25m			
X	X	X	X	X	X	1m	X	X	X
						5m			
						25m			
X	X	X	X	X	X	1m	X	X	X
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/25/2011		Surveyors: Frank Sexton, Catrina Perez				Surveyor Signatures: [Signatures]			
Survey Transect # WFL-11-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
53/54 L	N 30.33585 W 87.11301	X	09:16	same as yesterday	Low	1m 0401	Dist.	Yes	Carcass more covered by sand today, only a few feathers showing.
						5m 0402			
						25m N/A			
67/70 L	N 30.33576 W 87.11218	X	09:19	same as yesterday	Wrack	1m 0403	Dist.	Yes	Not significantly changed from yesterday.
						5m 0404			
						25m N/A			
35/36 M	N 30.33701 W 87.10710	X	09:28	same as yesterday	Upper	1m 0405	Dist.	Yes	No significant changes from previous day.
						5m 0406			
						25m N/A			
47/48 Low	N 30.33806 W 87.10165	X	09:39	same as yesterday	Upper	1m 0407	Dist.	Yes	No obvious, significant changes. Body is buried, but head is exposed. Crab holes adjacent to carcass.
						5m 0408			
						25m N/A			
80/81 M	N 30.33827 W 87.10020	X	09:43	same as yesterday	Wrack	1m 0409	OR	Yes	Decomposition along spine towards pectorals seems to have continued since yesterday.
						5m 0410			
						25m N/A			
X	X	X	X	X	X	1m	X	X	X
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/25/2011		Surveyors: Catrina Perez, Frank Sexton				Surveyor Signatures: <i>[Signature]</i>			
Survey Transect # AL-26-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
74/72 L	N 30.27869 W 87.52624	X	10:51	same as yesterday	Wrack	0411 1m 0412 ^{EP} 5m 0412 25m N/A	Dist.	Yes	No obvious changes from previous day.
73/74 L	N 30.27902 W 87.52376	X	10:57	same as yesterday	Low	0415 1m 0416 ^{EP} 5m 0414 ^{EP} 25m N/A	Dist.	Yes	No changes from previous day. Sand mound still present, bird and block assumed to be underneath.
71/72 L	N 30.27909 W 87.52343	X	11:04	same as yesterday	Wrack	1m 0417 5m 0418 25m N/A	Dist.	Yes	No changes from previous day. Sand mound still present, bird and block assumed to be underneath.
124/125 M	N 30.27962 W 87.52137	X	11:08	same as yesterday	Upper	1m 0419 5m 0420 25m N/A	Dist.	Yes	No changes from previous day.
X						1m	X	X	X
						5m			
						25m			
						1m			
X						5m	X	X	X
						25m			
						1m			
X						5m	X	X	X
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/26/2011		Surveyors: Frank Sexton, Katrina Paez			Surveyor Signatures: <i>[Signatures]</i>				
Survey Transect #: WFL-15-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high
114/115 M	N 30.38058 W 86.85615		07:54	same as yesterday	Upper	1m 0421	Dist.	Yes	No obvious changes from previous day.
						5m 0422			
						25m N/A			
101/99 L	N 30.38121 W 86.85150		08:03	same as yesterday	Low	1m 0423	Dist.	Yes	No obvious changes from previous day.
						5m 0424			
						25m N/A			
67/68 L	N 30.38156 W 86.84958		08:07	same as yesterday	Upper	1m 0425	Dist.	Yes	No significant, obvious changes from previous day.
						5m 0426			
						25m N/A			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/26/2011		Surveyors: Frank Sexton, Catrina Paez				Surveyor Signatures: [Signatures]			
Survey Transect # WFL-11-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>(falling)</u> , slack low, slack high
Notes									
53/54 L	N 30.33585 W 87.11301	X	08:59	same as previous day	Low	1m 0427	Dist.	Yes	No obvious changes. Bird still mostly covered by sand.
						5m 0428			
						25m N/A			
67/70 L	N 30.33578 W 87.11218	X	09:03	N/A	N/A	1m 0429	Miss.	No	None
						5m 0430			
						25m N/A			
35/36 M	N 30.33701 W 87.10710	X	09:10	same as yesterday	Upper	1m 0431	Dist.	cp No Yes	No obvious changes from previous day.
						5m 0432			
						25m N/A			
47/48 L	N 30.33806 W 87.10165	X	09:19	same as yesterday	Upper	1m 0433	Dist.	Yes	No significant changes from previous day.
						5m 0434			
						25m N/A			
80/81 M	N 30.33827 W 87.10020	X	09:22	same as yesterday	Wrack	1m 0435	OR	Yes	No obvious, significant changes from previous day.
						5m 0436			
						25m N/A			
X	X	X	X	X	X	1m	X	X	X
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/26/2011		Surveyors: Frank Sexton, Catrina Perez				Surveyor Signatures: <i>[Signature]</i>			
Survey Transect # AL-26-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
74/72 L	N 30.27869 W 87.52624		10:28	same as yesterday	Wrack	1m 0437	Dist.	Yes	Bird almost entirely covered by sand. Only beak and part of head exposed.
						5m 0438			
						25m N/A			
73/74 L	N 30.27902 W 87.52376		10:33	same as yesterday	Low	1m 0439	Dist.	Yes	No obvious changes from previous day.
						5m 0440			
						25m N/A			
71/72 L	N 30.27909 W 87.52343		10:35	same as yesterday	Wrack	1m 0441	Dist.	Yes	still covered in pile of sand.
						5m 0442			
						25m N/A			
124/125 M	N 30.27962 W 87.52137		10:39	same as yesterday	Upper	1m 0443	Dist.	Yes	No significant changes from previous ^{2nd} day.
						5m 0444			
						25m N/A			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Beach Seed Day

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: Nate Wintle - USFWS Celina Bellanceau - Cardno		Surveyor Signatures: Nate W. Celina Bellanceau					
Survey Transect # WFL 38-07									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B0379/ Nikon Cool Pix L22 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u> Notes
55/56 90/92 L	N/A	407	08:55	29.9181 85.3825	Low	1m 0001 5m 0002 25m 0003	Int.	Yes	* 90/92
116/ 117 M	N/A	1158	09:11	29.9131 85.3774	Low	1m 4 5m 5 25m 6	Int.	Yes	
122 123 S	N/A	1361	09:20	29.9116 85.3760	Wrack	1m 7 5m 8 25m 9	Int.	Yes	
L 90/92 92 55/56	N/A	1710	09:30	29.9091 85.3736	Low	1m 10 5m 11 25m 12	Int.	Yes	
106/ 107 M	N/A	1866	09:43	29.9082 85.3727	Wrack	1m 13 5m 14 25m 15	Int.	Yes	
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: Nate Wintle - USFWS Celina Bellanceau - Cardno		Surveyor Signatures: Nate W. Celina Bellanceau		Survey Transect # NFL 38-07				
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:		Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴				Notes
90/ 92 L	29.9181 -85.3825	X	08:45	X	X	1m 49	5m 50	Miss.	No	Wreck higher today
						25m				
116/ 117 M	29.9131 -85.3774	1150	09:00	29.9131 -85.3774	Wreck	1m 51	5m 52	Dist	Yes	moved moved to be under bird
						25m 53				
122/ 123 S	29.9116 -85.3760	1360	09:08	29.9116 -85.3761	Low	1m 54	5m 55	OR	Yes	Partially buried
						25m 56				
55/ 56 L	29.9091 -85.3736	X	09:19	X	X	1m 57	5m 58	Miss.	No	Found block at 106/107
						25m				
106/ 107 M	29.9082 -85.3727	1870	09:23	29.9081 -85.3726	Wreck	1m 59	5m 60	Int	Yes	Repositioned block (was ~4ft away) under bird.
						25m 61				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/14/2011		Surveyors: NATE WISOTE CELINA Bellanca		Surveyor Signatures: <i>Nate Wisote</i> <i>Celina Bellanca</i>					
Survey Transect # WFL 38-07									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
116/117 M	29.9131 -85.3774	1158	0847	same	WRACK	1m 93 5m 94 25m 95	Dist	Yes	Head scavenged, abdomen opened
122/123 S	29.9116 -85.3761	X	0857	X	X	1m 96 5m 97 25m	Miss	Moved	0857 Missing Block found 1350 m beyond placement
106/107 M	29.9081 -85.3726	same: 1866 0907	0907	29.9081 CB same	WRACK	1m 98 5m 99 25m 100	Int	Yes	No change
						1m 5m 25m			Other birds still missing
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/15/2011		Surveyors: NATE WINYUE CELINA BELLANCEAU		Surveyor Signatures: NATE WINYUE Celina Bellanceau					
Survey Transect # WFL 38-07									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
116/117 M	Same: Same: 29.9131 -85.3774	Same: 1158	0847	Same	LOW	1m 121	Int.	Yes	Mostly buried in sand
						5m 122			
						25m 123			
106/107 M	Same: 29.9081 85.3726	Same:	0909	Same	WRACK	1m 124	OR	Yes	Partially buried in sand
						5m 125			
						25m 126			
✓ 122/123 S	Missing	X	0900	X	X	1m	X	X	Still missing
						5m			
						25m			
X	X	X	X	X	X	1m	X	X	Others still missing
						5m			
						25m			
X	X	X	X	X	X	1m	X	X	X
						5m			
						25m			
X	X	X	X	X	X	1m	X	X	X
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/16/2011		Surveyors: NATE WINTIE CELINA BEAUCHEAU		Surveyor Signatures: NATE WINTIE Celina Beauchau					
Survey Transect # WFL 38-07									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
116/117 M	29.9131 -85.3774	same	0944	same	low	1m 141	Int	NO	95% buried by sand
						5m 142			
						25m 143			
106/107 M	29.9081 -85.3726	same	0950	same	wrack	1m 144	OR	NO	50% buried in sand
						5m 145			
						25m 146			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/17/11		Surveyors: Nate Wintle Celina Bellanca		Surveyor Signatures: <i>Nate Wintle</i> <i>Celina Bellanca</i>					
Survey Transect # WFL-38-07									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
116/ 117 M	29.9131	same	0942	same	Low	1m 159	SB	No	99% covered in sand
	5m 160								
	25m 161								
106/ 107 M	29.9081	same	0950	same	Wreck	1m 162	SB	No	60% covered in sand
	5m 163								
	25m 164								
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/18/11		Surveyors: DATE WEAVER CELINA BEALLANCO				Surveyor Signatures: DATE WEAVER Celina Beallanco				
Survey Transect # WFL 38-07										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:		Carcass State ⁵	Block Present ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴				
116/117 M	29.9131 -85.3774	Same	0947	Same	Low Wrack	1m	177	Skin	No	Only feathers exposed. Post is covered. Maggot nearby
						5m	178			
						25m	179			
106/107 M	29.9081 -85.3726	Same	0955	Same	Wrack	1m	180	SB	No	
						5m	181			
						25m	182			
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/19/11		Surveyors: Nate Wintle Celina Bellanceau		Surveyor Signatures: <i>Celina Bellanceau</i> <i>NATE WINTLE</i>					
Survey Transect # WFL-38-07									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			Notes
116/	29.9131	LOW	1002			1m 195	MISS.	NO	No longer exposed.
117	-85.3774					5m 196			
M						25m X			
106/	29.9081	same	1009	same	WRACK	1m 197	SB	NO	Placed a replacement block ghost crab burrows nearby
107	-85.3726					5m 198			
M						25m 199			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/20/11		Surveyors: Nate Wintle Celina Bellanceau		Surveyor Signatures: <i>Nate Wintle</i> <i>Celina Bellanceau</i>					
Survey Transect # WFL-38-07									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			Notes
116/ 117 L	X	X	1017	X	X	1m X 5m X 25m X	MISS	No	Beach groomed Carcass still missing
106/ 107 L	29.9081 85.3726	same	1022	same	Upper	1m 212 5m 213 25m 214	SB	Yes	Partially buried
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/21/11		Surveyors: Nate Wintle Celina Bellanceau		Surveyor Signatures: <i>Nate Wintle</i> <i>Celina Bellanceau</i>					
Survey Transect # WFL-38-07									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, slack high
									Notes
106/ 107 L	29.9081	X	1022	X	X	1m 227	Miss.	No	Tire tracks Possible grooming
	5m 228								
	25m X								
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/22/11

Surveyors: Nate Wintle
Celina Bellanceau

Surveyor Signatures:

DATE WINTLE
Celina Bellanceau

Survey Transect # WFL-38-07

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
						Photo(s) ID# ⁴				
106/107 L	Missing N/A					1m 5m 25m	MISS.	No	(falling)	Still missing
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Beach Seed Day

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: Nate Wintle - USFWS Celina Bellanca - Cardno		Surveyor Signatures: Nate W. Celina Bellanca					
Survey Transect # WFL 41-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: Nikon Coolpix L22	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, <u>slack low</u> , slack high
						Photo(s) ID# ⁴			Notes
63/ 64 L	N/A	692	14:27	29.6800 85.2537	Low	1m 31	Int.	Yes	
						5m 32			
						25m 33			
18/ 91 L	N/A	1496	14:40	29.6780 85.2458	Low	1m 34	Int.	Yes	
						5m 35			
						25m 36			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/13/2011		Surveyors: Nate Wintle - USFWS Celina Bellanceau - Cardno		Surveyor Signatures: NATE W. <i>Celina Bellanceau</i>					
Survey Transect # WFL 41-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
63/64 L	29.6800 -85.2537	92	1132	29.6800 -85.2537	Upper	1m 78	Wing and Head	Yes	Head only left ! wing 10 meters away, higher on beach
						5m 79			
						25m 80			
18/91 L	29.6780 -85.2458	X	1150	X	X	1m 81	Miss.	No	X
						5m 82			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/14/2011		Surveyors: NATE WENTLE LELINA BELLACEAU		Surveyor Signatures: NATE WENTLE Lelina Bellacau					
Survey Transect # WFL 41-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
63/64 L	29.6800 85.2537	same	1041	same	Upper	1m 115	Wing	Yes	only wing present high on beach Head gone - Block placed with wing
						5m 116			
						25m 117			
			1053-18 NW			1m			other birds still missing
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/15/2011		Surveyors: NATE WINTIE CELINA BELLANCEAU		Surveyor Signatures: NATE WINTIE Celina Bellanceau					
Survey Transect # WFL 41-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
63/64 L	29.6800 -85.2537	same	1022	same	Upper	1m 135	Wing	Yes	Wing only still
						5m 136			
						25m 137			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/16/2011		Surveyors: NATE WINTRE CELINA BELLANCAU		Surveyor Signatures: NATE WINTRE Celina Bellancau					
Survey Transect # WFL 41-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
63/64 L	29.16800 -86.2637	Same	1055	Same	Upper	1m 153	Wing	Yes	50% buried in sand Feathers scattered
						5m 154			
						25m 155			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/17/2011		Surveyors: Nate Wintle Celina Bellanca		Surveyor Signatures: Nate Wintle Celina Bellanca					
Survey Transect # WFL-41-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
63/	29.6800	Same	1049	Same	Upper	1m 171	Wing	Yes	Tire tracks. Partially buried.
64	85.2537					5m 172			
L						25m 173			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/18/2011		Surveyors: Nate Wintle Celina Bellanceau				Surveyor Signatures: Nate Wintle Celina Bellanceau				
Survey Transect # WFL-41-06										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:		Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴				Notes
63/ 64 L	29.6800 -85.2537	SAME	1053	same	Upper	1m	189	Wing	yes	Tire tracks
						5m	190			
						25m	191			
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/19/11		Surveyors: Celina Bellanca Nate Wintle		Surveyor Signatures: Nate Wintle Celina Bellanca					
Survey Transect # WFL-41-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
63/	29.6800	same	1104	Same	Upper	1m 206	Wing	Yes	Tire tracks
64	-85.2537					5m 207			
L						25m 208			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/20/11		Surveyors: Nate Wintle Celina Bellanceau				Surveyor Signatures: Nate Wintle Celina Bellanceau					
Survey Transect # WFL-41-06											
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:		Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
						Photo(s) ID# ⁴					
63/	29.6800	same	1126	same	Upper	1m	221	Wing	Yes		No remarkable change
64	-85.2537					5m	222				
						25m	223				
						1m					
						5m					
						25m					
						1m					
						5m					
						25m					
						1m					
						5m					
						25m					
						1m					
						5m					
						25m					
						1m					
						5m					
						25m					

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/21/11			Surveyors: DATE WENTLE CELINA BELLANCA			Surveyor Signatures: DATE WENTLE CELINA BELLANCA					
Survey Transect # WFL-41-06											
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:		Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴				<input checked="" type="radio"/> rising <input type="radio"/> falling, slack low, slack high	
63/	29.6800	same	1126	same	Upper	1m	235	Wing	Yes		No remarkable change
64	85.2537					5m	236				
						25m	237				
						1m					
						5m					
						25m					
						1m					
						5m					
						25m					
						1m					
						5m					
						25m					
						1m					
						5m					
						25m					
						1m					
						5m					
						25m					

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/22/11		Surveyors: Nate Wintle Celina Bellanca		Surveyor Signatures: <i>Nate Wintle</i> <i>Celina Bellanca</i>						
Survey Transect # WFL-41-06										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, falling, slack low, slack high	
63/	29.6800	Same	1040	Same	Upper	1m 247	Wing	Yes	(circled)	No noticeable change.
64	85.2537					5m 248				
						25m 249				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/23/11		Surveyors: Nate Wintle Cetina Bellanceau		Surveyor Signatures: Nate Wintle Cetina Bellanceau					
Survey Transect # WFL-41-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
63/	29.6800	same	942	same	Upper	1m 258	Wing	Yes	No noticeable change
64	85.2537					5m 259			
						25m 260			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/24/11		Surveyors: Nate Wintle Celina Bellanca				Surveyor Signatures: Nate Wintle Celina Bellanca					
Survey Transect # WFL-41-06											
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:		Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
						Photo(s) ID# ⁴					
63/	29.6800	same	1205	same	upper	1m	267	Wing	Yes		No noticeable change
64	-85.2537					5m	268				
						25m	269				
						1m					
						5m					
						25m					
						1m					
						5m					
						25m					
						1m					
						5m					
						25m					
						1m					
						5m					
						25m					
						1m					
						5m					
						25m					

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/25/11

Surveyors: Nate Wintle
Celina Bellanca

Surveyor Signatures:

Nate Wintle

Celina Bellanca

Survey Transect # WFL-41-06

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
						Photo(s) ID# ⁴				
63/ 64	29.6800 -85.2537	Same	1021	Same	Upper	1m 276	SBNW Wing	Yes	<input checked="" type="radio"/> rising, <input type="radio"/> falling, <input type="radio"/> slack low, <input type="radio"/> slack high	Tire tracks present.
						5m 277				
						25m 278				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Last day¹⁸³

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/26/11

Surveyors: Nate Wintle
Celina Bellanceau

Surveyor Signatures:

Nate Wintle
Celina Bellanceau

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, <u>slack low</u> , slack high
						Photo(s) ID# ⁴			Notes
63/	Same 29.6800	Same	0852	Same	Upper	1m 279	Wing	Yes	Tire tracks present.
64	85.2537					5m 280			
						25m 281			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: Nate Winkle - USFWS Celina Bellanceau - Cardno		Surveyor Signatures: Nate W. [Signature]					
Survey Transect # WFL 39-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today -	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			Notes
112/113 M	N/A	145	15:20	29.7798 -85.4090	Upper	1m 37	Int.	Y	
						5m 38			
						25m 39			
57/58 L	N/A	485	15:30	29.7768 -85.4083	Upper	1m 40	Int.	Y	
						5m 41			
						25m 42			
65/66 L	N/A	846	15:56	29.7737 -85.4073	Wrack	1m 43	Int.	Y	
						5m 44			
						25m 45			
85/52 L	N/A	1990	16:17	29.7637 -85.4046	Upper	1m 46	Int	Y	
						5m 47			
						25m 48			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/13/2011		Surveyors: Celina Bellanceau - Cardno Nate Wintle - USFWS		Surveyor Signatures: Nate W. Bellanceau					
Survey Transect # WFL 3906									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising (falling), slack low, slack high
						Photo(s) ID# ⁴			Notes
85/52 L	29.7637 29.779806 85.4040 85.4046	1962	12:38	29.7637 85.4046	Upper	1m 83 5m 84 25m 85	Dist	Yes	Falling
65/66 L	29.7737 85.4073	X	12:54	X	X	1m 86 5m 87 25m 88	Miss.	No	X
57/58 L	29.7768 85.4083	X	13:28	X	X	1m 89 5m 90 25m X	Miss.	No	X
112/113 M	29.7798 85.4098	X	13:16	X	X	1m 89 5m 90 25m	Miss.	No	X
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/14/2011		Surveyors: NATE WENTZ LELINA BELLANETU		Surveyor Signatures: Nate Wentz Lelina Bellanetu					
Survey Transect # WFL 3A-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
85/52 L	29.7637 -85.4046	same	1120	SAME	Upper	1m 118	Dist	Yes	Other birds still missing
						5m 119			
						25m 120			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): <u>6/15/2011</u>		Surveyors: <u>NATE WENTLE</u> <u>CELINA BELLOUEAU</u>		Surveyor Signatures: <u>NATE WENTLE</u> <u>Celina Belloccean</u>					
Survey Transect # <u>WFL 39-06</u>									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
<u>85/52</u> <u>L</u>	<u>29.7637</u> <u>-85.4046</u>	<u>same</u>	<u>1052</u>	<u>same</u>	<u>Upper</u>	1m <u>138</u>	<u>Dist.</u>	<u>Yes</u>	<u>Head + neck scavenged</u>
						5m <u>139</u>			
						25m <u>140</u>			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/16/2011		Surveyors: NATE WINTIE CELINA BELLANCEAU		Surveyor Signatures: NATE WINTIE Celina Bellanceau					
Survey Transect # WFL 39-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
85/2 L	29.7637 -85.4046	same	1127	same	Upper	1m 156	Dist	No	Head, neck, shoulder scavenged
						5m 157			
						25m 158			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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NW 0 Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form									
Date (mm/dd/yyyy): 06/17/2011			Surveyors: Nate Wintle - USFWS Celina Bellanca - Cardno			Surveyor Signatures: Nate Wintle Celina Bellanca			
Survey Transect # WFL 39-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
85/52 L	29.7637	Same	1118	Same	Upper	1m 174	PR	No.	Ghost crab burrow near head Neck up. Scavenged - Placed new block with bird today
	5m 175								
	25m 176								
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/18/2011		Surveyors: Nate Wintle Celina Bellancau				Surveyor Signatures: Nate Wintle Celina Bellancau			
Survey Transect # WFL-39-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
85/ 52 L	29.7637	SAME	1126	SAME	Upper	1m 192	PR	Yes	no remarkable change
	5m 193								
	25m 194								
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/19/11		Surveyors: Nate Wintle Celine Bellanceau				Surveyor Signatures: <i>Nate Wintle</i> <i>Celine Bellanceau</i>				
Survey Transect # WFL-39-06										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:		Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴				rising, falling, slack low, slack high
85/ 52 L	29.7637	same	11 30	same	Upper	1m	209	PR	Yes	maggots + other insects
	5m					210				
	25m					211				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/20/11		Surveyors: Nate Wintle Celina Bellanca			Surveyor Signatures: Nate Wintle Celina Bellanca				
Survey Transect # WFL-39-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			Notes
85/52 (2)	29.76370	same	1155	same	Upper	1m 224	PR	Yes	rising, falling, slack low, slack high
	5m 225								
	25m 226								
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/21/11		Surveyors: Nate Wintle Celma Bellancau		Surveyor Signatures: <i>Nate Wintle</i> <i>Celma Bellancau</i>					
Survey Transect # WFL-39-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			Notes
85/ 52 L	29.76370 85.40461	same	1152	same	Upper	1m 238	SB	Yes	Beach goers present
						5m 239			
						25m 240			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/22/11		Surveyors: Nate Wintle Celina Bellanceau				Surveyor Signatures: <i>Celina Bellanceau</i> <i>NATE WINTLE</i>			
Survey Transect # WFL-39-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
85/ 52 L	29.7637 -85.4046	X	1100	X	X	1m 250	Miss.	Yes	Found original block
						5m 251			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/23/11				Surveyors: Nate Wintle Celina Bellanceau			Surveyor Signatures: <i>Nate Wintle</i> <i>Celina Bellanceau</i>		
Survey Transect # WFL-39-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
85/52	Missing/ N/A	X	1006	X	X	1m X	Miss	NO	Still missing
						5m X			
						25m X			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: Nate Wirtle - USFWS Celina Bellanceau - Cardno		Surveyor Signatures: Nate W. Bellanceau					
Survey Transect # WFL - 42-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: Nikon CoolPix L22	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
76/77 L	N/A	85	09:45	29.8657 85.3454 29.8649 85.3451	Wrack	1m 16	Int.	Yes	
						5m 17			
						25m 18			
44/50 L	N/A	166	09:52	29.8657 85.3454 29.86430 85.3449	Low	1m 19	Int.	Yes	
						5m 20			
						25m 21			
86/ 87 M	N/A	1081	10:09	29.8565 85.3418	UPPER	1m 22	Int.	Yes	
						5m 23			
						25m 24			
104/ 105 L	N/A	1548	11:22	29.8530 85.3389	Upper	1m 25	Int.	Yes	
						5m 26			
						25m 27			
78/79 L	N/A	1737	11:30	29.8516 85.3379	Upper	1m 28	Int	Yes	
						5m 29			
						25m 30			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/13/2011		Surveyors: Nate Wintle - USFWS Celina Bellanceau - Cardno		Surveyor Signatures: Nate W. Celina Bellanceau					
Survey Transect # WFL-42-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
76/ 77 L	29.8649 -85.3451	0	10:00	29.8649 -85.3451	Upper	1m 62	Int.	Yes	No change.
	5m 63								
	25m 64								
44/50 L	29.8643 -85.3449	1600	10:37	29.8525 -85.3386	Low	1m 69	Int.	No	* Originally not found so took photos at 65 (1 meter) and 66 (5 meter) at 10:05 am. - Found floating in surf. - New GPS point named 44-50A
	5m 70								
	25m 71								
86/ 87 M	29.8565 -85.3418		1020			1m 67	Miss.	No	
	5m 68								
	25m								
104/ 105 L	29.8530 -85.3389		1043			1m 72	Miss.	No	
	5m 73								
	25m								
78/ 79 L	29.8516 -85.3379	1502	10:48	29.8516 -85.3379	Wrack	1m 75	OR.	Yes	Turkey vulture seen eating bird - 25m picture taken with zoom to document (photo 74)
	5m 76								
	25m 74/77								
						1m			
	5m								
	25m								

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* Whole transect: Heavy wrack, more than 2 feet high.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/14/2011		Surveyors: DATE WINTIE CELINA BEILANCEAN				Surveyor Signatures: DATE WINTIE Celina Beilancean				
Survey Transect # WFL 42-01										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:		Carcass State ⁵	Block Present? ⁶	Tide (circle one):
							Photo(s) ID# ⁴			rising, falling, slack low, <u>slack high</u>
76/77 L	29.8649 -85.3451	Same 85	0923	same	Upper	1m	101	Int	Yes	No change
						5m	102			
						25m	103			
44/50 L	29.8525 -85.3386	same	0927	same	Upper	1m	104 106 109	No	No	0927 missing carcass 104-108 photos - errors 109-111 correct photos
						5m	105 107 110 SB			
						25m	108 111			
78/79 L	29.8516 -85.3379	same	0955	same	Upper	1m	112 106 SB	SB	Yes	Other birds still missing
						5m	113			
						25m	114			
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/15/2011		Surveyors: NATE WENTIE CELINA BELLANLENU		Surveyor Signatures: NATE WENTIE Celina Bellanle					
Survey Transect # WFL 212-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, (slack high)
						Photo(s) ID# ⁴			Notes
76/77 L	29.8649 -85.3451	Same	0924	Same	Upper	1m 127	PR	Yes	At edge of high tide berm.
						5m 128			
						25m 129			
44/50 L	29.8525 -85.3386	1640	0939	29.8523 85.3385	Low (in water)	1m 130	Int.	No	Floating east quickly
						5m 131			
						25m			
78/79 L	29.8516 -85.3379	Same	0942	Same	Upper	1m 132	SB	Yes	
						5m 133			
						25m 134			
						1m			Others still missing
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/16/2011		Surveyors: NATE WENTLE CELINA BELLANLEAU		Surveyor Signatures: NATE WENTLE Celina Bellanleau					
Survey Transect # WFL 42-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
76/77 L	29.8649 -85.3451	Same	1003	Same	Upper	1m 147	SB	Yes	
						5m 148			
						25m 149			
44/50 L	29.8623 ⁰⁴³ -85.3386	X	1019	X	X	1m	Miss	NO	
						5m			
						25m			
78/79 L	29.8516 -85.3379	Same	1019	Same	Upper	1m 150	SB	Yes	
						5m 151			
						25m 152			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/17/2011		Surveyors: Nate Wintle Celina Bellanca				Surveyor Signatures: Nate Wintle Celina Bellanca				
Survey Transect # WFL-42-01										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	
						Photo(s) ID# ⁴			rising, falling, slack low, slack high	
76/	29.8649	same	1003	same	Upper	1m 165	SB	Yes		
77	85.3451					5m 166				
L						25m 167				
78/79	29.8516	same	1015	same	Upper	1m 168	SB	Yes		
	85.3379									5m 169
L										25m 170
4 SW						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/18/11		Surveyors: NATE WINTIE CELINA BELLAN LERO		Surveyor Signatures: NATE WINTIE Celina Bellan Lero					
Survey Transect # WFL 42-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
76/77 L	29.8649 -85.3451	same	1006	same	Upper	1m 183	SB	Yes	ants
						5m 184			
						25m 185			
78/79 L	29.8516 -85.3379	same	1018	same	Upper	1m 186	SB	Yes	
						5m 187			
						25m 188			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/19/11		Surveyors: Nate Wintle Celina Bellanceau		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect # WFL-42-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
76/	29.8649	Same	1020	Same	Upper	1m 200	SB	Yes	Ants
77	85.3451					5m 201			
L						25m 202			
78/	29.8516	same	1031	same	Upper	1m 203	SB	Yes	Ants + ghost crab burrow near carcass
79	85.3379					5m 204			
L						25m 205			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/20/11		Surveyors: Nate Wintle Celina Bellancean		Surveyor Signatures: Nate Wintle Celina Bellancean					
Survey Transect # WFL-42-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			Notes
76/ 77 L	29.8649 -85.3451	same	1034	same	Upper	1m 1215	SB	Yes	No remarkable change.
						5m 216			
						25m 217			
78/ 79 L	29.8516 -85.3379	same	1045	same	Upper	1m 218	SB	Yes	No remarkable change.
						5m 219			
						25m 220			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/21/11

Surveyors: Nate Wintle
Celina Bellanceau

Surveyor Signatures:

Survey Transect # WFL-42-01

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			<input checked="" type="radio"/> rising <input type="radio"/> falling, slack low, slack high	
76/ 77 L	29.8649	Same	1032	Same	Upper	1m 229	SB	Yes		No remarkable change.
	5m 230									
	25m 231									
78/ 79 L	29.8516	Same	1042	Same	Upper	1m 232	SB	Yes		No remarkable change
	5m 233									
	25m 234									
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/22/11		Surveyors: Nate Wintle Celina Bellancau				Surveyor Signatures: <i>Nate Wintle</i> <i>Celina Bellancau</i>			
Survey Transect # WFL-42-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
76/ 77 L	29.8516 85.8649 85.2451	same	956	same	Upper	1m 241	SB	Yes	Found covered by plastic carrier of same sort
						5m 242			
						25m 243			
78/ 79 L	29.8516 85.3379	same	1006	same	Upper	1m 244	SB	Yes	No noticeable change.
						5m 245			
						25m 246			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form									
Date (mm/dd/yyyy): 6/23/11			Surveyors: Nate Wintle Celina Bellanceau			Surveyor Signatures: DATE WINTLE Celina Bellanceau			
Survey Transect #			Tide (circle one): rising, falling, slack low, slack high						
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Notes
76/77 L	29.8649 -85.3451	same	900	same	Upper	1m 252 5m 253 25m 254	SB	No	Found covered by plastic container again. Uncovered
78/79 L	29.8516 -85.3379	same	0911	same	Upper	1m 255 5m 256 25m 257	SB	Yes	No noticeable change
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/24/11		Surveyors: Nate Wintle Celina Bellanceau		Surveyor Signatures: <i>Nate Wintle</i> <i>Celina Bellanceau</i>						
Survey Transect # WFL-42-01										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, falling, slack low, slack high	
76/ 77 L	29.8649 -85.3451	same	1132	same	Upper	1m 261 5m 262 25m 263	SB	No		No noticeable change covered by plastic case again. Uncorred it.
78/ 79 L	29.8516 -85.3379	same	1142	same	Upper	1m 264 5m 265 25m 266	SB	Yes		No noticeable change
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form											
Date (mm/dd/yyyy): 6/25/11		Surveyors: Nate Wintle Celina Bellanceau				Surveyor Signatures: Nate Wintle Celina Bellanceau					
Survey Transect # WFL-42-01											
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:			Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴					
76/	29.8649	same	0942	same	Upper	1m	270	SB	No	Tire tracks present	
77	85.3151					5m	271				
L						25m	272				
78/	29.8516	same	0954	same	Upper	1m	273	SB	Yes	Tire tracks present	
79	85.3379					5m	274				
L						25m	275				
						1m					
						5m					
						25m					
						1m					
						5m					
						25m					
						1m					
						5m					
						25m					
						1m					
						5m					
						25m					

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Last day

210

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/26/11		Surveyors: Nate Wintle Celina Bellanceau		Surveyor Signatures: Nate Wintle Celina Bellanceau					
Survey Transect # WFL-42-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			Notes
76/ 77 L	29.8649 -85.3451	same	0927	same	Upper	1m 285	SB	No	
						5m 286			
						25m 287			
78/ 79 L	29.8516 -85.3379	same	0912	same	Upper	1m 282	SB	Yes	
						5m 283			
						25m 284			
						1m 285	BNW		
						5m 28			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: Josh Taylor Wendy Sundell		Surveyor Signatures: Josh Taylor Wendy Sundell						
Survey Transect # WFL 18-a										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: BO 3696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
109/110 Large HEGU	n/a	642	0853	30.38318 -86.44168	upper	1m 1 5m 2 25m 3	Int	yes	WP 109-110	
111/12 Med LAGU	n/a	1161	0915	30.38292 -86.44160	upper	1m 4 5m 5 25m 6	Int	yes	WP 11-12	
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell						
Survey Transect # WFL 18-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: Bo 3696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
09/20 Med HOME	n/a	52*	1010	30.38213 -86.43171	wrack	1m 7 5m 8 25m 9	Dist	yes		* moved from 75 m to 52 m due to people blocking access
9/10 Med WOOD	n/a	984	1108	30.38109 -86.42189	upper*	1m 10 5m 11 25m 12	Int	yes		* moved to just above the wrack due to people blocking access
93/88 Large WOOD	n/a	1270*	1120	30.38094 -86.41888	upper	1m 13 5m 14 25m 15	Int	yes		* moved to just beyond 1260 due to people blocking access
13/14 Med WOOD	n/a	1270*	1125	30.38082 -86.41888	wrack	1m 16 5m 17 25m 18	Int	yes		* moved to 1270 wrack due to people blocking access
30/29 Med WOOD	n/a	1745	1206	30.38048 -86.41405	upper	1m 19 5m 20 25m 21	Int	yes		n/a
27/26 Large HEGU	n/a	1975	1217	30.38019 -86.41169	low	1m 22 5m 23 25m 24	Dist	yes		n/a

¹ "S" = small, "M" = medium, "L" = large

² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011

Survey Transect # WFL 26-04

Surveyors: Josh Taylor Wendy Swindell

Surveyor Signatures:

Josh Taylor Wendy Swindell

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, <u>slack low</u> , slack high
						Photo(s) ID# ⁴			Notes
30/31 Large NOGA	n/a	3	1340	30. 25382 -85. 95855	upper	1m 25	Int.	yes	WP 30-31
						5m 26			
						25m 27			
89/95 Large WODU	n/a	776	1417	30. 25086 -85. 95133	wrack	1m 28	Dist.	yes	WP 89-95
						5m 29			
						25m 30			
59/60 Med. LAGU	n/a	975	1429	30. 25002 -85. 94450	upper	1m 31	Dist.	yes	WP 59-60
						5m 32			
						25m 33			
73/71 Med MEGU	n/a	1475	1449	30. 24782 -85. 94487	upper	1m 34	Dist.	yes	WP 73-71
						5m 35			
						25m 36			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large

² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011

Survey Transect # WFL 27-02

Surveyors: Josh Taylor Wendy Swirell

Surveyor Signatures:

Josh Taylor Wendy Swirell

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, <u>slack low</u> , slack high
						Photo(s) ID# ⁴			Notes
39/40 Med. LAGU	n/a	183	1536	30.24183 -85.93147	upper	1m 37 5m 38 25m 39	Dist	yes	up 39-40
102/101 Large NOGA	n/a	597*	1549	30.24000 -85.92761	upper	1m 40 5m 41 25m 42	Int	yes	* moved to east to avoid dense group of people on beach WP 102-101
78/75 Large	n/a	1426	1624	30.23641 -85.91997	upper	1m 43 5m 44 25m 45	Dist	yes	Dogs on beach WP 78-75
111/112 Large HEGU	n/a	1698	1639	30.23520 -85.91763	wrack	1m 46 5m 47 25m 48	Dist	yes	WP 111-112
51/42 LAGU	n/a	1988	1649	30.23391 -85.91502	low	1m 49 5m 50 25m 51	Dist	yes	* Bird weight on sheet is listed as 254g. Gull appeared to be larger weight and is likely med. WP 41-42
X						1m 5m 25m	X		

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/12/2011		Surveyors: Josh Taylor Wendy Swindell			Surveyor Signatures: Josh Taylor Wendy Swindell				
Survey Transect # WFL 28-07									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						B 03696			Photo(s) ID# ⁴
33/34 Med. LAGU	n/a	54*	1753	30.14688 -85.76278	Upper	1m 52	Dist	Yes	* moved bird 5 meters west due to public blocking access
						5m 53			
						25m 54			
62/84 (S) (S) Med Lg WODU	n/a	607	1809	30.14311 -85.75810	wrack	1m 55	Dist	Yes	groomed; tire tracks
						5m 56			
						25m 57			
61/83 Large WODU	n/a	991	1820	30.14078 -85.75517	low	1m 58	Int.	Yes	beach heavily trafficked
						5m 59			
						25m 60			
45/46 Med LAGU	n/a	1200	1830	30.13964 -85.75356	upper	1m 61	Dist	yes	beach heavily trafficked
						5m 62			
						25m 63			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

"S" = small, "M" = medium, "L" = large
Latitude/Longitude. WGS 84. Decimal degrees.
Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)
On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).
Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.
"Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/13/2011

Survey Transect # WFL 18-01

Surveyors: Josh Taylor Wendy Swindell

Surveyor Signatures:

Josh Taylor Wendy Swindell

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, (falling), slack low, slack high
						Photo(s) ID# ⁴			Notes
109110 Large HEGU	30.38318 -86.44698	642	0846	30.38317 -86.44697	upper	BO3696 1m 64 5m 65 25m 66	Dist.	Yes - bird off block	Several crab holes around carcass; hole in lower abdomen but organs present
11112 Med LAGU	30.38292 -86.44160	1161	0918	30.38291 -86.44157	upper	1m 67 5m 68 25m N/A	Dist.	Yes - bird off block	crab holes nearby; no apparent scavenging; maggots in neck.
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

¹ "S" = small, "M" = medium, "L" = large

² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/13/2011		Surveyors: Josh Taylor Wendy Swirell		Surveyor Signatures: Josh Taylor Wendy Swirell					
Survey Transect # WFL 18-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: Bo 3696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high Notes
69170 Med Hume	30.38213 -86.38109	52	0935	n/a	n/a	1m 69 5m 70 25m n/a	n/a	yes	carcass no longer present
8110 Med Wodu	30.38109 -86.42189	984	1002	30.38108 -86.42190	upper	1m 71 5m 72 25m n/a	Dist	yes	crab hole under carcass; base of tail lacerated; no other obvious scavenging
83188 Large Wodu	30.38094 -86.41888	1270	1015	30.38090 -86.41888	upper	1m 73 5m 74 25m n/a	Int	yes - bird off block	ATV tracks seagull tracks
13114 Med Wodu	30.38082 -86.41888	1270	1017	30.38084 -86.41887	wrack	1m 75 5m 76 25m n/a	Int	yes - bird off block	no obvious scavenging
30129 Med Wodu	30.38048 -86.41405	1745	1053	30.38044 -86.41408	upper	1m 77 5m 78 25m n/a	Int	yes	bird buried by people
27126 Large HEGU	30.38018 -86.41169	1975	1100	30.38016 -86.41171	low	1m 79 5m 80 25m n/a	Dist	yes	no obvious scavenging

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/13/2011		Surveyors: Josh Taylor Wendy Sundell		Surveyor Signatures: Josh Taylor Wendy Sundell						
Survey Transect # WFL 20-04										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
30/31 Large NOGA	30. 25382 -85. 95855	3	1221	30. 25384 -85. 95852	upper	1m 81 5m 82 25m n/a	Int	Yes		crab hole under head; no obvious scavenging
89/95 Large WODU	30. 25086 -85. 95133	776	1239	30. 25085 -85. 95132	wrack	1m 83 5m 84 25m n/a	Dist	yes - bird off block		3 crabholes under carcass; no obvious scavenging
59/60 Med LAGU	30. 25002 -85. 94950	975	1245	30. 25005 -85. 94950	upper	1m 85 5m 86 25m n/a	Dist	Yes		crab hole near head; no obvious scavenging
73/71 Med MEGU	30. 24788 -85. 94487	1475	1300	30. 24788 -85. 94485	upper	1m 87 5m 88 25m n/a	Dist	yes - bird off block		crab hole under tail; no obvious scavenging
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/13/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell						
Survey Transect # WFL 27-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
39/40 Med LAGU	30. 24183 -85. 93147	183	1406	30. 24183 -85. 93150	upper	1m 89 5m 90 25m n/a	Dust	yes	rising	bird appears slightly buried by people; no obvious scavenging
602/101 Large NOGA	30. 24000 -85. 92761	597	1419	30. 24001 -85. 92758	upper	1m 91 5m 92 25m n/a	Int	yes	falling	crab holes around bird; no obvious scavenging
28/75 Large	30. 23641 -85. 91997	1426	1432	30. 23645 -85. 91999	upper	1m 93 5m 94 25m n/a	Dust	yes	falling	no evidence of scavenging - crab tracks, no holes
111/112 Large HEGU	30. 23520 -85. 91763	n/a	1450	n/a	n/a	1m 5m 25m	n/a	n/a	falling	Bird & Block found in garbage can landward of study area
41/42 Med LAGU	30. 23341 -85. 91502	n/a	1514	block found at 30. 23357 -85. 91424	n/a	1m 5m 25m	n/a	yes-down beach	falling	only block found; gps block location
_____						1m 5m 25m	_____			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/13/2011		Surveyors: Josh Taylor Wendy Sundell				Surveyor Signatures: Josh Taylor Wendy Sundell			
Survey Transect # WFL 28-07									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: Bo 3696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
33/34 Med LAGU	30.14688 -85.76278	54	1602	30.14684 -85.76273	upper	1m 97 5m 98 25m n/a	Dist	yes	Bird in fire track; no obvious scavenging
62/84 Lg. WODU	30.14311 -85.75810	n/a	1629	n/a	n/a	1m 5m 25m	n/a	no	carcass gone
61/83 Lg. WODU	30.14078 -85.75517	n/a	1640	n/a	n/a	1m 5m 25m	n/a	no	Beach pedestrian told us he picked up bird + block and gave them to turtle patrol in morning
45/46 Med LAGU	30.13964 -85.75356	1211	1645	30.13954 -85.75346	upper	1m 99 5m 100 25m n/a	Dist	yes - bird off block	no obvious scavenging
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large

² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/14/2011		Surveyors: Josh Taylor Wandy Swindell		Surveyor Signatures: Josh Taylor Wandy Swindell					
Survey Transect # WFL 18-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 303696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
109/110 Lg HEGW	30.38317 -86.44697	642	0836	Same as previous	upper	1m 101 5m 102 25m n/a	Dist.	Yes	Prior distance 642; Prior state Dist. 5 large crabholes; large hole in abdomen but organs present
11/12 M LAGW	30.38291 -86.44157	1161	0856	Same as previous	upper	1m 103 5m 104 25m n/a	Dist.	Yes	Prior distance 1161; Prior state Dist. 4 crabholes adjacent; head scavenged; laceration in tail larger
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large

² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

(WS) (ST)

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/19/2011

Survey Transect # WFL 18-02

Surveyors: Josh Taylor Wendy Swindell

Surveyor Signatures:

Josh Taylor Wendy Swindell

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
91/10 Med WOODU	30.38108 -86.42190	n/a	0920	n/a	n/a	303696 1m 5m 25m	n/a	no	Prior distance 984; Prior state Dist. Carcass gone-beach freshly groomed
93/88 Large WOODU	30.38090 -86.41888	n/a	0933	n/a	n/a	105 106 1m 5m 25m	n/a	yes	Prior distance 1270; Prior state Int. Carcass gone; beach freshly groomed
13/14 Med WOODU	30.38084 -86.41887	n/a	0933	n/a	n/a	1m 5m 25m	n/a	no	Prior distance 1270; Prior state Int. Carcass gone; beach freshly groomed
30/29 Med WOODU	30.38044 -86.41408	1747	0955	30.38044 -86.41404	upper	107 108 1m 5m 25m	Int.	yes - bird off block	Prior distance 1745; Prior state Int. Carcass moved approx. 2m east and slightly buried by machinery
27/26 Large HEGU	30.38016 -86.41171	1975	1004	same as previous	low	109 110 1m 5m 25m	Dist.	yes - bird on block	Prior distance 1975; Prior state Dist. tide has buried head
						1m 5m 25m			

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/14/2011

Survey Transect # WFL 26-04

Surveyors:

Josh Taylor Wendy Sarrick

Surveyor Signatures:

Josh Taylor Wendy Sarrick

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
30/31 Large NOGA	30.25384 -85.95852	4	1110	30.25379 -85.95853	upper	1m 111 5m 112 25m n/a	Int	yes - Bird off block	rising	Prior distance 3; Prior state Int Dog tracks but no obvious scavenging
89/95 Large WOPU	30.25085 -85.95132	793	1129	30.25092 -85.95112 WP 85-95N	upper	1m 113 5m 114 25m 115	Dist	no - put new block	rising	Prior distance 776; Prior state Dist * Bird originally placed in wrack; looks like bird picked up by human and moved to upper
59/60 Med LAGU	30.25005 -85.94950	971	1146	30.25016 -85.94949	upper	1m 116 5m 117 25m 118	Dist.	no - put new block	rising	Prior distance 975; Prior state Dist Bird moved, likely by humans; no obvious scavenging; Bird in fire track now; hole in body cavity
73/71 Med MEGU	30.24288 -85.94485	n/a	1209	n/a	n/a	1m 119 5m X 25m X	n/a	yes	rising	Prior distance 1475; Prior state Dist Carcass gone - photo of board only
						1m 5m 25m				
						1m 5m 25m				

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³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/14/2011

Survey Transect # WFL 27-02

Surveyors: Josh Taylor Wendy Swindle

Surveyor Signatures:

Josh Taylor Wendy Swindle

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B6 3656 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
39140 Med LA60	30.24183 -85.93150	183	1225	same as previous	upper	1m 120 5m 121 25m	Dist	yes	rising	Prior distance 183; Prior state Dist crab footprints but no holes
102/101 Large NU6A	30.24001 -85.92758	597	1236	same as previous	wrack	1m 122 5m 123 25m	Int.	yes	falling	Prior distance 597; Prior state Int crab footprints and few holes; no obvious scavenging
78/75 Large	30.23645 -85.91999	1426	1248	same as previous	upper	1m 124 5m 125 25m	Dist	yes	falling	Prior distance 1426; Prior state Dist no signs of scavenging
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/14/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell					
Survey Transect # WFL 28-07									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 30 3696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
33/34 Med LAGU	30.14684 -85.76273	54	1420	same as previous	upper	1m 126 5m 127 25m n/a	Dist.	yes	Prior distance 54; Prior state Dist Crab holes and tracks present; no obvious scavenging
45/46 Med LAGU	30.13954 -85.75346	1210	1431	same as previous	upper	1m 128 5m 129 25m	Dist.	yes	Prior distance 1210; Prior state Dist no obvious signs of scavenging
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell						
Survey Transect # WFL 18-01										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 303096 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
109/110 Large HEBU	30.38317 -86.44697	642	0822	same as previous	upper	1m 130 5m 131 25m n/a	Dist.	yes	<u>rising</u>	Prior: Dist 642; State Dist; Block Y contents of abdomen half empty from hole previously noted; crab holes (6) present and numerous crab tracks.
11/12 Med LAGU	30.38291 -86.44157	1161	0840	same as previous	upper	1m 132 5m 133 25m n/a	Dist.	yes	<u>rising</u>	Prior: Dist 1161; State Dist; Block Y head chewed; at least half organs remain from hole in bottom of tail; 3 large crab holes and many crab tracks
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell					
Survey Transect #: WFL 1802									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 303096 Photo(s) ID# ⁴ *	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high Notes
30129 Med Wood	30.38044 -86.41464	1975	0909	same as previous	upper	1m 136 5m 137 25m n/a	Dist.	yes - bird off black	Bird Buried; no obvious signs of scavenging
* photos 134 and 135 are erroneous and should not be used						1m 5m 25m			
27126 Large HEGU	30.38016 -86.41171	n/a	0920	n/a	n/a	1m 5m 25m	n/a	no	carcass gone; fresh tire tracks nearby
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011

Survey Transect # WFL 26-04

Surveyors: Josh Taylor Wendy Swindell

Surveyor Signatures:

Josh Taylor MSandell

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: BO 3696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
30131 Large NOGA	30.25379 -85.95853	n/a	1017	n/a	n/a	1m 138 5m 139 25m n/a	n/a	yes		Prior distance 4; Prior state Int; Block 4 carcass gone; block surrounded by tire tracks
89145 Large WDDA	30.25042 -85.95112	793	1030	same as previous	upper	1m 140 5m 141 25m n/a	dist.	yes		Prior distance 793; Prior state Dist; Block - New Deep tire tracks surround bird; carcass partially buried; crab hole on one side
59160 Med LAGA	30.25016 -85.94949	971	1038	Same as previous	upper	1m 142 5m 143 25m n/a	dist	yes		Prior distance 971; Prior state Dist; Block - New crab tracks; deep tire tracks nearby
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011

Survey Transect # WFL 27-02

Surveyors:

Josh Taylor Wendy Sandell

Surveyor Signatures:

Josh Taylor Wendy Sandell

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
39140 Med LAGU	30.24183 -85.93150	183	1050	same as previous	upper	1m 144 5m 145 25m n/a	dist	yes	Prior distance 183; state Dist; Block 4 Carcass buried - deep tire tracks nearby
1021101 Large NOGA	30.24001 -85.92758	597	1112	same as previous	wrack	1m 146 5m 147 25m n/a	Int.	yes	Prior distance 597; state Int; Block 4 crab holes & tracks; gut tracks; no obvious scavenging
78175 Large	30.23645 -85.91999	1426	1124	same as previous	upper	1m 148 5m 149 25m n/a	Dist	yes	Prior distance 1426; state Dist; Block 4 crab holes adjacent; no obvious scavenging
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/15/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell						
Survey Transect # WFL 28-07										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 303696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
33134 Med LAGU	30.14684 -85.76273	54	1156	Same as previous	upper	1m 150 5m 151 25m n/a	Dist.	yes	rising	Prev. Distance 54; State Dist. Blocky Crab hole under head; tire tracks + trash can nearby
45146 Med LAGU	30.13954 -85.75346	1200*	1210	30.13969 -85.75340 WP 45-46 NI	upper	1m 152 5m 153 25m n/a	Dist*	yes	falling	Prev. Dis. 1210; State Dist. Blocky Carcass buried - wing now exposed; carcass in middle of highly trafficked area. *cannot see bird to verify stated
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011		Surveyors: Josh Taylor Wendy Swindle		Surveyor Signatures: Josh Taylor Wendy Swindle					
Survey Transect # NFL 1801									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: Bo 3696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
109/110 Large HEBU	30.38317 -86.44697	n/a	0845	n/a	n/a	Disregard 1m #154, 155 Photos #156 and #157 show approx. location of previous carcass at 1m and 5m	n/a	No	Prior: Dist 642 State: Dist. Carcass gone, block gone, tire tracks adjacent to location where carcass last observed. No obvious tidal influence or tracks from scavengers
11/12 Med LAGU	30.38291 -86.44157	n/a	0902	n/a	n/a	1m 158 5m 159 25m	n/a	Yes	Prior: Dist 1161 State: Dist Carcass gone, block remains; dog tracks and tire tracks lead to bird location; leg band from bird present; crab holes remain; no obvious tidal influence
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011

Survey Transect # WFL 18-02

Surveyors: Josh Taylor Wendy Swindell

Surveyor Signatures: [Signatures]

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
30/29 Med Woda	30.38044 -86.41404	1975 1975 WS ST	0445 0445 WS ST	same as previous same as previous WS ST	upper	1m 160	Dist.	yes	Distance prior 1975; Dror State Dist. grooming tracks + tire tracks on top of partially buried bird
						5m 161			
						25m n/a			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011		Surveyors: Josh Taylor, Wendy Swindell			Surveyor Signatures: Josh Taylor, Wendy Swindell				
Survey Transect #: WFL 26-04									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high Notes
89/95 Large WDOle	30.25692 -85.45112	793	1040	same as previous	upper	1m 162 5m 163 25m n/a	Dist.	Yes	Prior dist 793; Prior state Dist tire tracks (deep) nearby; fresh rain likely washed away any tracks present
59/60	30.25016 -85.94949	971	1053	same as previous	upper	1m 164 5m 165 25m n/a	Dist.	Yes	Prior dist 971; Prior state Dist maggots throughout abdominal cavity; deep tire tracks adjacent; partially covered by sand
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell						
Survey Transect #: WFL 28-07										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
33/34 Med LAGU	30.14684 -85.76273	54	1205	Same as previous	upper	1m 172	Dist.	yes		Prior Dist 54; Prior state Dist. tire tracks on either side; hole in abdomen shows bird decomposing
						5m 173				
						25m n/a				
45/46 Med LAGU	30.13954 -85.75346	1200	1223	Same as previous	upper	1m 174	Dist	yes		Prior Dist 1200; Prior state Dist. carcass surrounded by beach chairs; carcass buried except for one wing
						5m 175				
						25m n/a				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/16/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor, W Swindell						
Survey Transect # WFL-27-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: Bo 369L Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): Rising , falling, slack low, slack high	Notes
39/40 Med LAGU	30.24183 -85.93150	183	1105	same as previous	upper	1m 1166 5m 1167 25m n/a	Dist	yes	Rising	Prior distance 183; Prior state Dist tire tracks nearby; no obvious scavenging; large colony of ants under carcass
102/101	30.24001 -85.92588	597	1115	same as previous	wrack	1m 1168 5m 1169 25m n/a	Int (57) Dist (WS)	yes	Int	Prior distance 597; Prior state Int large crab hole under head; ATV tracks nearby; maggots in and below body cavity
78/75	30.23645 -85.91449	1426	1130	same as prev	upper	1m 1176 5m 1171 25m	Dist	yes	Dist	Prior distance 1426; Prior state Dist large crabholes under carcass; no obvious scavenging
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/2011

Survey Transect # WFL 26-04

Surveyors: Josh Taylor Wendy Swindell

Surveyor Signatures:

Josh Taylor Wendy Swindell

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, slack high
									Notes
89/45 Large WOOD	30.25092 -85.95112	793	0946	Same as previous	upper	1m 178	Dist.	YES	Prior dist. 793; Prior state Dist.
						5m 179			
						25m n/a			
59/60 Med	30.25016 -85.94949	971	0948	Same as previous	upper	1m 180	Dist.	YES	Prior dist 971; Prior state Dist
						5m 181			
						25m n/a			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/2011

Survey Transect # WFL 18-02

Surveyors:

Josh Taylor Wendy Swindle

Surveyor Signatures:

Josh Taylor Wendy Swindle

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, falling, slack low, slack high	
30/24 Med Waddle	30.38044 -86.4104	1744	0811	30.38043 -86.41402	upper	30 3696 1m 176 5m 177 25m	Dist	NO	<input checked="" type="radio"/>	Prior distance 1975; Prior State Dist Carcass decomposing but skin not majorly disturbed; Deep grooming tracks + ATV tracks nearby, moved ~ 2 m
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell						
Survey Transect # WFL 27-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
39/40 Med Large	30.24103 -85.93150	n/a	1008	n/a	n/a	1m 182* 5m 183 25m n/a	n/a	no	rising	no bird or board - beach freshly groomed *took photo of approx. location
102/101 Large	30.24001 -85.92758	n/a	1026	n/a	n/a	1m 184* 5m 185 25m n/a	n/a	no	rising	no bird or board - beach freshly groomed *Took photo of approx. location where bird should be
78/75 Large	30.23645 -85.91949	n/a	1042	n/a	n/a	1m 186 5m 187 25m n/a	n/a	no	rising	no bird or board - beach groomed w/in last day or two, *Took photo of approx. location where bird should be
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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² Latitude/Longitude. WGS 84. Decimal degrees.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/17/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell					
Survey Transect # NFL 28-07									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising <u>falling</u> slack low, slack high Notes
33/34 Med LAGU	30.14684 -85.76273	54	1123	same as previous	upper	1m 190 * 5m 191 25m n/a	OR	yes	Prior distance 54; Prior state Dist. carcass partially buried - wings exposed deep tide tracks nearby * disregard photos 188 & 189 - on photo 190 & 191 should say upper
45/46 Med LAGU	30.13954 -85.75346	1200	1142	same as previous	upper	1m 192 5m 193 25m n/a	Dist.	yes	Prior Dist 1200; Prior state Dist. only wing & block exposed - heavily trafficked area; many maggots present
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/19/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell					
Survey Transect # WFL 26-04									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: BO 3696	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
89/95 Large WOOD	30.25042 -85.95112	799	0900	30.25089 -85.95106	upper	1m 196	Dist.	no	bird slightly buried - run over by grouper. Many tracks nearby - do not appear to be large mammal or avian.
						5m 197			
						25m n/a			
59/60 Med	30.25016 -85.94949	971	0913	same as previous	upper	1m 198	SB	yes	bird partially buried but feathers exposed; freshly groomed
						5m 199			
						25m n/a			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/18/2011		Surveyors: Josh Taylor Wendy Swindle		Surveyor Signatures: Josh Taylor Wendy Swindle						
Survey Transect # NFL 28-07										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
33/34 Med LABEL	30.14684 -85.76273	541	0954	same as previous	upper	1m 200	SB	yes	<input checked="" type="radio"/>	Prior dist. 54; Prior state Dist only head buried; deep tire tracks adjacent; 2 large crab holes
						5m 201				
						25m n/a				
45/46 Med LABEL	30.13954 -85.75346	1200	1009	same as previous	upper	1m 202	SB	yes	<input checked="" type="radio"/>	Prior dist 1200; Prior state dist only wing exposed - rest of body buried; large crab hole underneath bird surrounded by beach chairs
						5m 203				
						25m n/a				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/18/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell					
Survey Transect #: WFL 18-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03696	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
30/29 Med. wood	30.38044 -86.4104	1744 SD	0807	same as previous	upper	1m 194 5m 195 25m n/a	Dist	YES	Bird mostly buried - a few feathers visible. Groomers had run over area this morning and were still grooming beach when we arrived
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/19/2011

Survey Transect # WFL 28-07

Surveyors: Josh Taylor - Wendy Swindle

Surveyor Signatures: Josh Taylor Wendy Swindle

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
33/34	30.14684 -85.76273	54	0941	same as previous	upper	1m 210 5m 211 25m n/a	SB	yes	rising	Prior dist. 54; Prior state SB wings exposed - rest of carcass buried; crab tracks + holes nearby
45/46	30.13954 -85.75346	1200	0954	same as previous	upper	1m 212 5m 213 25m n/a	SB	yes	rising	Prior dist. 1200; Prior state SB Bird totally buried - surrounded by beach chairs
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/19/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell					
Survey Transect # WFL 18-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: BO 3696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
30/29 Med WDDL	30.38044 -86.4104	1744	0800	Same as previous	upper	1m 204 5m 205 25m n/a	WS SB OR	yes	Notes Prev. Dist 1744; Prev. Status Dist lots of crab tracks & several holes; bird partially buried
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/19/2011		Surveyors: Josh Taylor Wendy Swandell		Surveyor Signatures: Josh Taylor Wendy Swandell						
Survey Transect # WFL 26-04										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: BO 3696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
89/95 Large WIDE	30.25089 -85.95706	799	0859	same as previous	upper	1m 206 5m 207 25m n/a	OR	yes	rising	Prev. distance 799; Prev. status Dist In deep tire track; crab hole nearby - crabs obviously scavenging
59/60	30.25016 -85.94949	971	0905	same as previous	upper	1m 208 5m 209 25m n/a	SB	yes	falling	Prev. distance 971; prev status SB numerous crab tracks; 4 in tire tracks

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/20/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell					
Survey Transect # WFL 26-04									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
89/45 Large Washed	30. 25089 -85. 95106	799	0900	Same as previous	Upper	1m 216	OR	yes	Prev. Dist 799; Prev state OR Bird in deep tire track; crab tracks surrounding bird.
						5m 217			
						25m n/a			
59/60 Med	30. 25016 -85. 94949	971	0905	Same as previous	Upper	1m 218	SB	yes	Prev Dist 971; Prev. state SB Bird in deep tire track; some crab tracks nearby
						5m 219			
						25m n/a			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/20/2011

Survey Transect # WFL 18-02

Surveyors:

Josh Taylor Wendy Swindell

Surveyor Signatures:

Josh Taylor Wendy Swindell

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03646 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes										
30/29 Med Wood	30.38044 -86.4104	1744	0811	same as previous	upper	1m 214 5m 215 25m n/a	SB	yes	rising	Prev. dist. 1744; Pen state OR 1 feather sticking out - remainder of bird buried; ATV tracks nearby; several large crab holes & tracks nearby										
																1m 5m 25m				
																1m 5m 25m				
																1m 5m 25m				
																1m 5m 25m				
																1m 5m 25m				
																1m 5m 25m				
																1m 5m 25m				
																1m 5m 25m				
																1m 5m 25m				
																1m 5m 25m				
																1m 5m 25m				

¹ "S" = small, "M" = medium, "L" = large

² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/20/2011		Surveyors: Josh Taylor Wendy Swireddell		Surveyor Signatures: Josh Taylor Wendy Swireddell						
Survey Transect # WFL 28-07										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
33/34 Med	30.14684 85.76273	54	0944	same as previous	upper	1m 220 5m 221 25m n/a	SB	yes	rising	Prev. dist 54; Prior state SB crab tracks nearby; wing + partial breast exposed - remainder buried. surrounded by beach umbrellas
45/46 Med	30.13954 85.75346	1200	0956	same as previous	upper	1m 222 5m 223 25m n/a	SB	yes	rising	Prev. dist. 1200; Prev. state SB Bird completely buried near beach chairs
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/21/2011

Survey Transect # WFL 28-07

Surveyors: Josh Taylor Wendy Swindell

Surveyor Signatures:

Josh Taylor Wendy Swindell

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising <input checked="" type="radio"/> falling <input type="radio"/> slack low, slack high	
33/34 Med	30.14684 -85.76273	54	0936	Same as previous	upper	1m 230	SB	yes		Prev. dist 54; Previous state SB Crab tracks + holes present
						5m 231				
						25m n/a				
45/46 Med	30.13954 -85.75346	1200	0947	Same as previous	upper	1m 232	SB	yes		Prev. dist 1200; Prev. state SB bird completely burned + surrounded by chairs
						5m 233				
						25m n/a				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/21/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell						
Survey Transect # WFL 26-04										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: BO 3696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
89/95 Large WODE	30.25089 -85.95106	799	0856	same as previous	upper	1m 226 5m 227 25m n/a	OR	yes	rising	Prev. dist 799; Prev. state OR In deep tire track; crab tracks + large crab hole present; lots of ants + maggots
59/60 Med	30.25016 -85.94949	971	0902	same as previous	upper	1m 228 5m 229 25m n/a	SB	yes	rising	Prev. dist 971; Prev. state SB In deep tire track; crab holes + tracks nearby; wing broken off
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/21/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell						
Survey Transect # WFL 18-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 803693 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>	Notes
30129 Med WDR	30.38044 -86.4104	1744	0804	same as previous	upper	1m 224 5m 225 25m n/a	SB	yes		Prev. dist 1744; Prev. state SB Freshly groomed on top of bird; Bird partially buried - wings partially exposed.
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/22/2011

Survey Transect # WFL 26-04

Surveyors:

Josh Taylor Nancy Sunde

Surveyor Signatures:

Josh Taylor Nancy Sunde

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, falling, slack low, slack high	
89/95 Large WODU	30. 25089 -85. 95106	799	1006	Same as previous	upper	1m 236	SB	yes		Prev. dist 799; Prev. state OR wings showing - remainder of bird buried except head. In deep fire track; maggots traveling away from carcass
						5m 237				
						25m n/a				
59/60 Med	30. 25016 -85. 94449	971	1011	Same as previous	upper	1m 238	SB	yes		Prev. dist 971; Prev. state SB Bird in deep fire track - partially buried. Ants present on carcass
						5m 239				
						25m n/a				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/22/2011		Surveyors: Josh Taylor Wendy Sundell		Surveyor Signatures: Josh Taylor Wendy Sundell						
Survey Transect # WFL 28-07										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: Bo 3696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
33/34 Med.	30.14684 -85.76273	54	1047	Same as previous	upper	1m 240 5m 241 25m n/a	SB	no - made new block	rising	Prev. dist 54; Prev. state SB crab tracks adjacent; beach tents nearby; crab hole near bird
45/46 Med	30.13954 -85.75346	1200	1102	Same as previous	upper	1m 242 5m 243 25m n/a	PG/wing	yes	rising	Prev. dist 1200; Prev. state SB bird completely buried and surrounded by beach chairs
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/22/2011		Surveyors: Josh Taylor Wendy Sundell		Surveyor Signatures: <i>Josh Taylor</i> <i>Wendy Sundell</i>						
Survey Transect # WFL 18-02										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03696	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	
						Photo(s) ID# ⁴			Notes	
30/29 Med WOOD	30.38044 -86.4104	1744	0705	Same as previous	upper	1m 234 5m 235 25m n/a	SB	yes	Prev. dist 1744; Prev. state SB only 1 wing exposed - remainder of bird buried; many crab tracks nearby	
[Large 'X' mark across the remaining rows]										

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/23/2011		Surveyors: Josh Taylor Wendy Swindle				Surveyor Signatures: Josh Taylor Wendy Swindle			
Survey Transect # WPL 26-04									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, falling, slack low, <u>slack high</u>
89/95 Large WODU	30.25089 -85.95106	799	0902	Same as previous	upper	1m 246	SB	yes	Prev. dist. 799; Prev. state SB crab tracks + hole present; in tire track
						5m 247			
						25m n/a			
59/60 Med.	30.25016 -85.94949	971	0908	Same as previous	upper	1m 248	SB	yes	Prev. dist 971; Prev. state SB crab tracks; in deep tire track
						5m 249			
						25m n/a			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Page 1 of 1

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/23/2011		Survey Transect #: WFL 28-07		Surveyors: Josh Taylor Wendy Swadlow			Surveyor Signatures: [Signature] [Signature]		
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u> Notes
33/34 Med	30.41684 -85.76273	54	0943	Same as previous	upper	1m 250 5m 251 25m n/a	SB	yes	Prev. dist 54; Prev. state SB crab tracks surrounding carcass; head buried ~ body exposed; few crab holes present
45/46 Med	30.13994 -85.75346	1200	0957	Same as previous	upper	1m 5m 25m n/a	SB <u>JP/Wing</u>	yes	Prev. dist 1200; Prev. state SB <u>US</u> <u>W</u> <u>P6/wing</u> <u>07</u>
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

"S" = small, "M" = medium, "L" = large

Latitude/Longitude. WGS 84. Decimal degrees.

0-90.00. West 84. Declinal degrees.

Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line) on placement day or days where carcass moved >25m from last location; take photos at 1, 5, and 25m. Otherwise, record "N/A".

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging) "Dist." (disturbed, skin broken, mouth intact) "Scav." (scavenged, skin broken, mouth open)

Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Date.

⁶ "Yes" = block present in previous location. "Moved" = present but not found in previous location. "N/A" =

"Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/23/2011

Survey Transect # WFL 18-02

Surveyors:

Josh Taylor Wendy Swindle

Surveyor Signatures:

Josh Taylor Wendy Swindle

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
30/29 Med Wood	30.38044 -86.4104	1744	0805	same as previous	upper	1m 244	PG/Wing Wing ST	Yes No block low US ST	Prev. dist. 1744; Prev. state SB Bird buried by groomer ~ bird on pieces
						5m 245			
						25m n/a			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/24/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell						
Survey Transect # NFL 26-04										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: 603696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
59/95 Large Noble	30.25089 -85.95106	799	0856	Same as previous	upper	1m 256 5m 257 25m n/a	SB	yes	rising	Prev. dist. 799; Prev. state SB crab tracks whole present; many ants; adjacent to deep tire track
59/60 Med	30.25016 -85.94449	971	0900	Same as previous	upper	1m 258 5m 259 25m n/a	SB	yes	rising	Prev. dist 971; Prev. state SB head buried - body exposed; in deep tire track; crab tracks present
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

¹ "S" = small, "M" = medium, "L" = large

² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/24/2011		Surveyors: Josh Taylor Wendy Swindell				Surveyor Signatures: Josh Taylor Wendy Swindell			
Survey Transect # WFL 18-02									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: B03696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
30/29 Med WING	30.38044 -86.4104	1744	0806	Same as previous	Upper	1m 254	PB/wing	yes	Prev. dist 1744; Prev. state PB/wing crab tracks; bird completely buried except wing tip
						5m 255			
						25m n/a			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large

² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/24/2011		Surveyors: Josh Taylor Wendy Swindell				Surveyor Signatures: <i>Josh Taylor Wendy Swindell</i>			
Survey Transect # WFL 28-07									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
33/34 Med	30.14684 -85.76273	54	0932	Same as previous	upper	1m 260	SB	<input checked="" type="checkbox"/> yes	Prev. dist 54; Prev. State SB 5 crab holes + many tracks; back portion of bird exposed - head buried
						5m 261			
						25m n/a			
45/46 Med	30.13954 -85.75346	1200	0943	Same as previous	upper	1m 262	PG/wing	yes	Prev. dist 1200; Prev. State PG/wing bird still buried at base of beach chair
						5m 263			
						25m n/a			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/25/2011

Survey Transect # WFL 26-04

Surveyors:

Josh Taylor Wendy Swindall

Surveyor Signatures:

Josh Taylor Wendy Swindall

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, falling, slack low, slack high	
89/95 Large WOPU	30. 25089 -85. 95106	799	0909	Same as previous	upper	1m Z66	SB	yes	rising	Prev. dist 799; Prev. state SB crab tracks + maggots; 1 crab hole below bird
						5m Z67				
						25m n/a				
58/100 Med	30. 25016 -85. 94949	971	0915	Same as previous	upper	1m Z68	SB	yes	rising	Prev. dist. 971; Prev. state SB bird buried by tire track except for wing tip
						5m Z69				
						25m n/a				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Date (mm/dd/yyyy): 06/25/2011

Survey Transect # WFL 18-02

Surveyors: Josh Taylor Wendy Swindell

Surveyor Signatures:

S: Josh Taylor W Parrell

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
30/29 Med wood	30. 38044 -80. 4104	n/a	0817	n/a	n/a	1m 264* 5m 265* 25m n/a	n/a	no	Prev. dist 1744) Prev. state P6/wing Carcass gone - area freshly groomed * photos show no bird & grooming
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹"S" = small, "M" = medium, "L" = large

"S" = small, "M" = medium, "L" = large

Latitude/Longitude. WGS 84. Decimal degrees.

Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line) on placement day or days where carcass moved >25m from last location. take photos at 1, 5, and 25m (only if possible).

On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m). Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, or other carcass damage), "Scav." (scavenged, no skin or other carcass parts visible), "Eaten" (eaten, no carcass visible), "Buried" (buried, no carcass visible), "Washed" (washed, no carcass visible), "Rotting" (rotting, no carcass visible), "Decayed" (decayed, no carcass visible), "Unusable" (unusable, no carcass visible), "Other" (other, no carcass visible).

Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position.

"Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

"Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/25/2011

Survey Transect # WFL 28-07

Surveyors:

Josh Taylor Wendy Swindle

Surveyor Signatures:

Josh Taylor Wendy Swindle

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
						Photo(s) ID# ⁴				
33/34 Med	30.14684 -85.76273	54	0950	same as previous	upper	1m 270	SB	yes	falling	Prev. dist 54; Prev. state SB crab tracks + holes present
						5m 271				
						25m n/a				
45/46 Med	30.13954 -85.75346	1200	1004	same as previous	upper	1m 272	PG/wing	yes	falling	Prev. dist. 1200; Prev. state PG/wing bird buried - few feathers showing
						5m 273				
						25m n/a				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/26/2011		Surveyors: Josh Taylor Wendy Swindell		Surveyor Signatures: Josh Taylor Wendy Swindell						
Survey Transect # WFL 26-04										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: BO 3696 Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
89/95 large whole	30.25089 -85.95106	799	0804	Same as previous	upper	1m 274 5m 275 25m n/a	SB	yes		Prev. dist 799; Prev. state SB in deep tire track; many crab tracks present. Bagged up carcass & removed from beach.
59/60 Med	30.25816 -85.94949	971	0809	Same as previous	upper	1m 276 5m 277 25m n/a	SB	yes		Prev. dist 971; Prev. state SB crab tracks; bird partially buried. Bagged up carcass & removed from beach.
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

¹ "S" = small, "M" = medium, "L" = large

² Latitude/Longitude. WGS 84. Decimal degrees.

³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)

⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).

⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed, but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.

⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

1942

Survivors!

Surveyor Signatures: *[Signature]* *[Signature]* *[Signature]*

[illegible]

SECRET

of the 1950s. The 1950s were a time of great change in the world, and the 1960s were a time of great change in the United States. The 1970s were a time of great change in the world, and the 1980s were a time of great change in the United States. The 1990s were a time of great change in the world, and the 2000s were a time of great change in the United States. The 2010s were a time of great change in the world, and the 2020s were a time of great change in the United States.

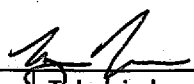
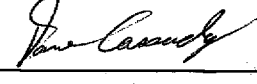
[illegible]

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/12/2011		Surveyors: Dane Cassidy LDWF Craig Tolliver cardio-entirely		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect # LA 75-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, <u>slack low</u> , slack high
						Photo(s) ID# ⁴			Notes
36/37 L	Carcass Deployed	714m	12:21	N29.76713 W93.51196	Wrack	1m 100-0004	Int	Yes	Public Access Beach Users present wpt 951
						5m 100-0005			
						25m 100-0006			
80/79 M	Carcass Deployed	783m	12:32	N29.76715 W93.51162	Low	1m 100-0007	Int	Yes	wpt 950
						5m 100-0008			
						25m 100-0009			
82/81 M	Carcass Deployed	1252m	12:44	N29.76766 W93.50765	Upper	1m 100-0010	Int	Yes	wpt 952
						5m 100-0011			
						25m 100-0012			
16/15 S	Carcass Deployed	1925m	12:56	N29.76829 W93.50060	Wrack	1m 100-0013	Int	Yes	wpt 953
						5m 100-0014			
						25m 100-0015			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 06/2/2011		Surveyors: Dave Cassady LDWP Craig Tolliver Cardno - Entry		Surveyor Signatures:  					
Survey Transect # LA 76-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
106-99 M	Carcass Deployed	266m	13:19	N29.76730 W93.39467	Wrack	1m 100-0016	Int	yes	
						5m 100-0017			
						25m 100-0018			
22-14 M	Carcass Deployed	691m	13:36	N29.76623 W93.38555	Wrack	1m 100-0019	Int	yes	
						5m 100-0020			
						25m 100-0021			
24-19 M	Carcass Deployed	1253m	13:47	N29.76577 W93.38177	Low	1m 100-0022	Int	yes	
						5m 100-0023			
						25m 100-0024			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			



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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/13/2011		Surveyors: Dan Cassady LDWP Craig Tolliver Cardno-Entrix		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect # LA 75-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, <u>slack low</u> , slack high
						Photo(s) ID# ⁴			Notes
36/37 L	N29.76713 W93.51196	714m	09:04 24.76713 W93.51196 et	N29.76713 W93.51196	Wrack	1m 100-0026	Int	yes	wpt 951
						5m 100-0027			
						25m 100-0028			
80/79 M	N29.76715 W93.51162	783m	09:10	N29.76711 W93.51159	Low	1m 100-0029	Dist	No Moved	~ 3m movement from yesterday Many Ants within carcass wpt 950
						5m 100-0030			
						25m 100-0031			
82/81 M	N29.76766 W93.50765	1252m	09:24	N29.76766 W93.50765	Upper	1m 100-0032	Int	yes	Many Ant near wpt 952
						5m 100-0033			
						25m 100-0034			
16/15 S	N29.76829 W93.50060	1425m	09:35	N29.76829 W93.50060	Wrack	1m 100-0035	Int	yes	wpt 953
						5m 100-0036			
						25m 100-0037			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/19/2011		Surveyors: Dane Cassidy LDWP Craig Tolliver Cardno-Entry		Surveyor Signatures:  					
Survey Transect # LA 76-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
100/99 M	N29.76730 W93.39467	266m	10:05	N29.76730 W93.39467	Wrack	1m 100-0038	Int	Yes	
						5m 100-0039			
						25m 100-0040			
22/14 M	N29.76623 W93.38555	691m	10:13	N29.76623 W93.38555	Wrack	1m 100-0041	Int	yes	
						5m 100-0042			
						25m 100-0043			
20/19 S	N29.76577 W93.38177	1253m	10:29	N/A	N/A	1m	Missing	yes moved	Block ~ 25m from deployment site. Searched 100m per SOP
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/13/2011		Surveyors: Dane Cassidy LDWF Craig Tolliver Cardno-Entrin		Surveyor Signatures: <i>[Signature]</i>					
Survey Transect # LA 562-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
48/49 L	Carcass Deployed	408m	12:38	N29.77722 W93.24022	Wrack	1m 100-0044	Int	Yes	wpt 958
						5m 100-0046			
						25m 100-0046			
3/4 S	Carcass Deployed	751m	12:44	N29.77706 W93.23672	Low	1m 100-0047	Int ⁴ Dist	Yes	Skin Broken on neck when deployed wpt 959
						5m 100-0048			
						25m 100-0049			
21/22 S	Carcass Deployed	1074m	12:53	N29.77734 W93.23338	Upper	1m 100-0050	Int	Yes	wpt 960
						5m 100-0051			
						25m 100-0052			
41/42 23/24 S	Carcass Deployed	1151m	12:54	N29.77692 W93.23273	Low	1m 100-0053	Int	Yes	wpt 961
						5m 100-0054			
						25m 100-0055			
91/92 m	Carcass Deployed	1868m	13:05	N29.77679 W93.22519	Upper	1m 100-0056	Int	Yes	wpt 962
						5m 100-0057			
						25m 100-0058			
28/27 S	Carcass Deployed	1891m	13:10	N29.77657 W93.22478	Wrack	1m 100-0059	Int	Yes	wpt 963
						5m 100-0060			
						25m 100-0061			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/13/2011		Surveyors: Dave Cassidy LDWF Craig Tolliver Cardiac-entrin		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>						
Survey Transect # LA-562-03										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
						Photo(s) ID# ⁴				
31/32 S	Carcass Deployed	392m	13:30	N29.77164 W93.18647	Low	1m 100-0062 5m 100-0063 25m 100-0064	Int	yes		wpt 964
76/77 M	Carcass Deployed	595m	13:36	N29.77132 W93.18452	Upper	1m 100-0065 5m 100-0066 25m 100-0067	Int	yes		wpt 965
37/38 S	Carcass Deployed	1200m	15:52	N29.77057 W93.18095	Wrack	1m 100-0068 5m 100-0069 25m 100-0070	Int	yes		wpt 966
93/94 M	Carcass Deployed	1602m	14:44 16:00	N29.76948 W93.17564	Low	1m 100-0071 5m 100-0072 25m 100-0073	Int	yes		wpt 967
43/42 L	No					1m 5m 25m				Not Deployed Carcass missing from supply cooler
41/42 S	Carcass Deployed	1809m	16:10	N29.76915 W93.17142	Upper	1m 100-0074 5m 100-0075 25m 100-0076	Int	yes		wpt 968

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/14/2011		Surveyors: Dave Cassidy EDWP Craig Tolliver Cardno-Entry		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect # LA 75-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
36/37 L	N29.76713 W93.51196	714m	09:03	N29.76713 W93.51196	Wrack	1m 100-0078	Dist	yes	
						5m 100-0079			
						25m 100-0080			
82/79 M	N29.76714 W93.51159	785m	09:09	N29.76711 W93.51159	Low	1m 100-0081	Dist	Moved +	~
						5m 100-0082			
						25m 100-0083			
82/81 M	N29.76766 W93.50765	1252m	09:16	N29.76766 W93.50766	Upper	1m 100-0084	Int	yes	Block moved ~.5m from Bird
						5m 100-0085			
						25m 100-0086			
16/15 S	N29.76829 W93.50060	1925m	09:28	N29.76829 W93.50060	Wrack	1m 100-0087	Dist	yes	
						5m 100-0088			
						25m 100-0089			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/14/2011		Surveyors: Dane Cassady LDWF Craig Tolliver Cardno-Entry		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect # LA 76-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Title (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			
100-99 M	N29.76730 W93.39407	266m	09:40	N29.76730 W93.39407	Wrack	1m 90	Int	yes	
						5m 91			
						25m 92			
22-14 M	N29.76623 W93.3855	691m	09:47	N29.76623 W93.3855	Wrack	1m 93	Int	yes	
						5m 94			
						25m 95			
20-19 S	N29.76577	1253m	09:51	NA	NA	1m	Miss	yes	
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 01/14/2011		Surveyors: Dan Cassidy LDWP Craig Tolliver Cardio-Entry		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect # LA-562-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
48-49 L	N29.77722 W93.24022	408m 17.08	13:08m	N29.77722 W93.24022	Wrack	1m 100-0096	Int	yes	
						5m 100-0097			
						25m 100-0098			
3-4 S	N29.77708 W93.23672	751m	13:13	N29.77708 W93.23672	Low	1m 100-0099	Dist	moved	
						5m 100-0100			
						25m 100-0101			
21-22 S	N29.77734 W93.23338	1074m	13:20	N29.77729 W93.23337	Upper	1m 100-0102	Dist	NO	Block was @ original location. Crab moved bird next to it's burrow
						5m 100-0103			
						25m 100-0104			
23-24 S	N29.77692 W93.23273	1151m	13:25	N29.77696 W93.23271	Low	1m 100-0105	Int	Moved	
						5m 100-0106			
						25m 100-0106			
91-92 M	N29.77674 W93.22519	1868m	13:37	NA	NA Upper	1m	Miss	NO	
						5m			
						25m			
28-27 S	N29.77657 W93.22478	1891m	13:4	NA	NA	1m	Miss	Yes	
						5m			
						25m			

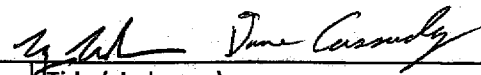
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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/14/2011		Surveyors: Dana Cassidy LDWF Craig Tolliver Cardno-Entirex		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect # LA-562-03									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
31-32 S	N29.77164 W93.18647	392m	13:54	N29.77161 W93.18647	Low	1m 100-0108	Int	Move	
						5m 100-0109			
						25m 100-0110			
76-77 M	N29.77137 W93.18452	595m	13:59	N29.77137 W93.18452	Upper	1m 100-0111	Int	yes	
						5m 100-0112			
						25m 100-0113			
37/38 S	N29.77057 W93.18095	1200m	14:06	N29.77059 W93.18092	Low	1m 100-0114	Int	Moved yes	
						5m 100-0115			
						25m 100-0116			
93-94 M	N29.76948 W93.17564	1602	14:38 14:15	N29.76825 W93.16923 N/A	Low N/A	1m 0120	Dist Miss	Moved No	~ Black moved ~ 100m ~ Found bird ~ 1500m wpt 969 away from Deployment
						5m 0121			
						25m 0122			
41-42 S	N29.76915 W93.17142	1809m	14:35	N29.76915 W93.17142	Upper	1m 100-0117	Int	yes	
						5m 100-0118			
						25m 100-0119			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/15/2011		Surveyors: Dave Cassidy LDWF Craig Tolliver Cardno-Entaix		Surveyor Signatures: 					
Survey Transect # LA 75-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
36-37 L	N29.76713 W93.51196	714m	08:57	Same as yesterday	Wrack	1m 100-0124	Dist	yes	
						5m 100-0125			
						25m 100-0126			
80-79 M	N29.76711 W93.51159	783m	09:04	N29.76712 W93.51157	Lower	1m 100-0127	OR	yes	
						5m 100-0128			
						25m 100-0129			
82-81 M	N29.76766 W93.50765	1252m	09:11	Same as prev Day	Upper	1m 100-0130	Dist	yes	
						5m 100-0131			
						25m 100-0132			
16-15 S	N29.76829 W93.50860	1925m	09:17	Same as prev Day	Wrack	1m 100-0133	OR	yes	
						5m 100-0134			
						25m 100-0135			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/15/2011		Surveyors: Dane Cassidy LPWF		Surveyor Signatures: <i>[Signature]</i>					
Survey Transect #: LA 76-06		Craig Toliver Cardio-Entry							
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising <u>falling</u> , slack low, slack high
100-95 M	N29.76730 W93.39407	266m	09:29	Same as Prev Day	Wrack	1m 100-0136	Int	Yes	
						5m 100-0137			
						25m 100-0138			
22-14 M	N29.76623 W93.3855	691m	09:57	Same as Prev. Day	Wrack	1m 100-0139	Dist	Yes	
						5m 100-0140			
						25m 100-0141			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude: WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form									
Date (mm/dd/yyyy): 6/15/2011		Surveyors: Dane Cassidy LDWF Craig Tolliver Cardno-Entin				Surveyor Signatures: <i>[Signatures]</i>			
Survey Transect # LA 562-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high
48-49 S	N29.77722 W93.24022	408m	13:18	Same as prev. day	Wrack	1m 100-0142	Dist	Yes	
						5m 100-0143			
						25m 100-0144			
3-4 S	N29.77708 W93.23672	751m	13:21	Same as prev day	Low	1m 100-0145	Dist	NO	
						5m 100-0146			
						25m 100-0147			
21-22 S	N29.77729 W93.2337	1074m	13:31	Same as prev day	upper	1m 100-0148	Dist	Yes	
						5m 100-0149			
						25m 100-0150			
23-24 S	N29.77696 W93.23271	1151m	13:42	NA	NA	1m	Miss	yes	
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			



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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form									
Date (mm/dd/yyyy): 6/15/2011		Surveyors:				Surveyor Signatures:			
Survey Transect # LA-562-03									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
31-32 S	N29.77161 W93.18647	392m		NA Miss cf	NA	1m	Miss	Move not Yes	
						5m			
						25m			
76-77 M	N29.77137 W93.18452	596m		NA Miss cf	NA	1m	Miss	Move Yes	
						5m			
						25m			
37-38 S	N29.77059 W93.18092	1200m	14:14	N29.77061 W93.18097	LOW	1m 100-0151	Dist	Move	
						5m 100-0152			
						25m 100-0153			
42-43 43-44 41-42 S	N29.76915 W93.17142	1809m	14:22	Same as prev Day	Upper	1m 100-0154	Int	Yes	
						5m 100-0155			
						25m 100-0156			
93-94 M	N29.76825 W93.16923	1602m	14:30	N29.76743 W93.16748	LOW	1m 100-0157	Dist	Move	
						5m 100-0158			
						25m 100-0159			
						1m			
						5m			
						25m			

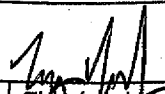

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/16/2011		Surveyors: Dane Cassidy LDWP Craig Tolliver Cardno-Entry		Surveyor Signatures:  						
Survey Transect # LA-75-06										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
36-37 L	714m N29.76713 W93.51196	714m	09:25	Same as prev. Day	Wrack	1m 100-0195 5m 100-0196 25m 100-0197	Dist	yes		
80-79 M	N29.76712 W93.51157	783m	09:32	Same as prev. Day	Wrack	1m 100-0198 5m 100-0199 25m 100-0200	OR	yes		
82-81 M	N29.76766 W93.50766	1252m	09:38	Same as prev. Day	Upper	1m 100-0201 5m 100-0202 25m 100-0203	Dist	yes		
16-15 S	N29.76829 W93.50060	1925m	09:41	Same as prev. Day	Wrack	1m 100-0204 5m 100-0205 25m 100-0206	OR	yes		
						1m 5m 25m				
						1m 5m 25m				

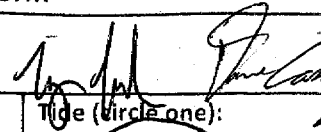
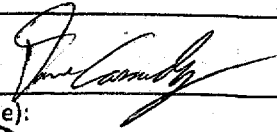
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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/16/2011		Surveyors: Dane Cassidy LDFP Craig Tolliver Cardno Entry		Surveyor Signatures:  						
Survey Transect # LA 76-06										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
100-99 M	N29.76730 W93.39407	266m	10:00	Same as prev day	wrack	1m 100-0173	Dist	yes		
						5m 100-0174				
						25m 100-0175				
22-14 M	N29.76623 W93.3855	691m	10:08	Same as prev day	wrack	1m 100-0176	Dist	yes		
						5m 100-0177				
						25m 100-0178				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

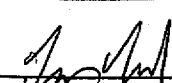
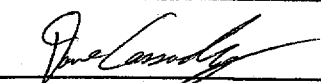
¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/16/2011		Surveyors: Dane Cassidy LDWF Craig Tolliver Card no - Entry		Surveyor Signatures:  					
Survey Transect # LA 562-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
48-49 M	N29.77722 W93.24022	408m	14:05	Same as prev Day	Wrack	1m 100-0179	Dist	yes	
						5m 100-0180			
						25m 100-0181			
3-4 S	N29.77708 W93.23672	751m	14:11	Same as prev Day	Low	1m 100-0182	Dist	yes	
						5m 100-0183			
						25m 100-0184			
21-22 S	N29.77729 W93.23337	1074m	14:26	NA	Upper NA	1m	Miss	NO	
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

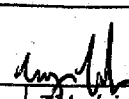
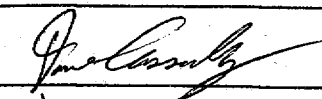
¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/16/2011		Surveyors: Dane Cassidy LDWF Craig Tolliver card no - entrix		Surveyor Signatures:  					
Survey Transect # LA 562-03									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			
37-38 S	N29.77061 W93.18097	1200m	14:37	N29.77167 W93.18652	wrack	1m 100-0185	Dist	NO	
						5m 100-0186			
						25m 100-0187			
41-42 S	N29.76915 W93.17142	1809m	14:56	Same as prev. day	upper	1m 100-0191	Dist	yes	
						5m 100-0192			
						25m 100-0193			
93-94 M	N29.76793 W93.16748	1602m	15:05	Same as prev. day	LOW	1m 100-0194	Dist	yes	
						5m 100-0195			
						25m 100-0196			
37-38 SU						1m			
						5m			
						25m			
37-38 SU						1m			
						5m			
						25m			
37-38 SU						1m			
						5m			
						25m			

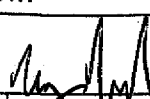
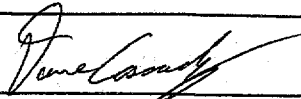
¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/24/2011		Surveyors: Dane Cassidy LDWF Craig Talliver		Surveyor Signatures:  					
Survey Transect # LA 75-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high
36-37 L	N29.76713 W93.51196	714 m	09:08	Same as prev Day	wrack	1m 100-0161	Dist	yes	
						5m 100-0162			
						25m 100-0163			
80-79 M	N29.76712 W93.51157	783 m	09:19	Same as prev. Day	wrack	1m 100-0164	OR	yes	
						5m 100-0165			
						25m 100-0166			
82-81 M	N29.76766 W93.50765	1252 m	09:31	Same as prev Day	upper	1m 100-0167	Dist	yes	
						5m 100-0168			
						25m 100-0169			
16-15 S	N29.76829 W93.50060	1925 m	09:40	Same as prev. Day	wrack	1m 100-0170	OR	yes	
						5m 100-0171			
						25m 100-0172			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

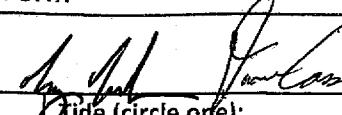
¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/17/2011		Surveyors: Dane Cassidy LDWF Craig Tolliver		Surveyor Signatures:  					
Survey Transect # LA 76-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			Notes
100-99 M	N29.76730 W93.39407	266m	10:00	Same as Prev Day	Wrack	1m 100-0207	Dist	yes	
						5m 100-0208			
						25m 100-0209			
22-14 M	N29.76730 W93.39407	691m	10:13	Same as Prev Day	Wrack	1m 100-0210	Skin	yes	Few Feathers and a couple of Bones are all that remain
						5m 100-0211			
						25m 100-0212			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

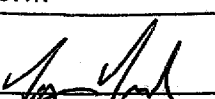
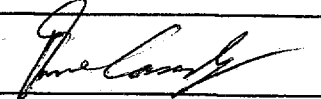
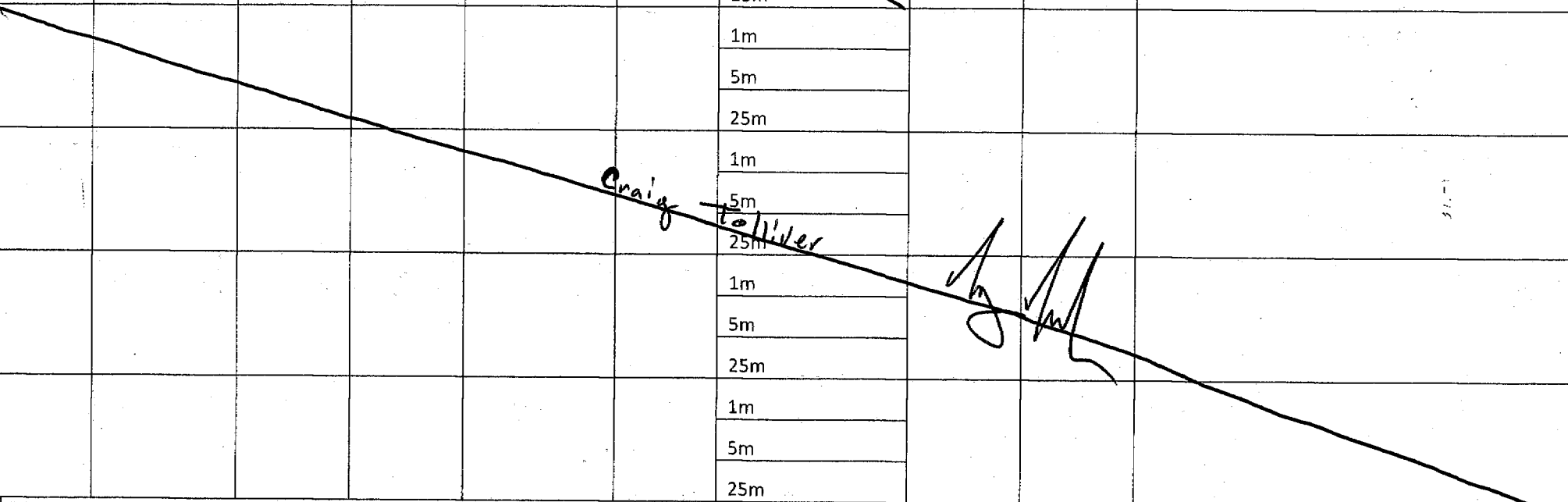
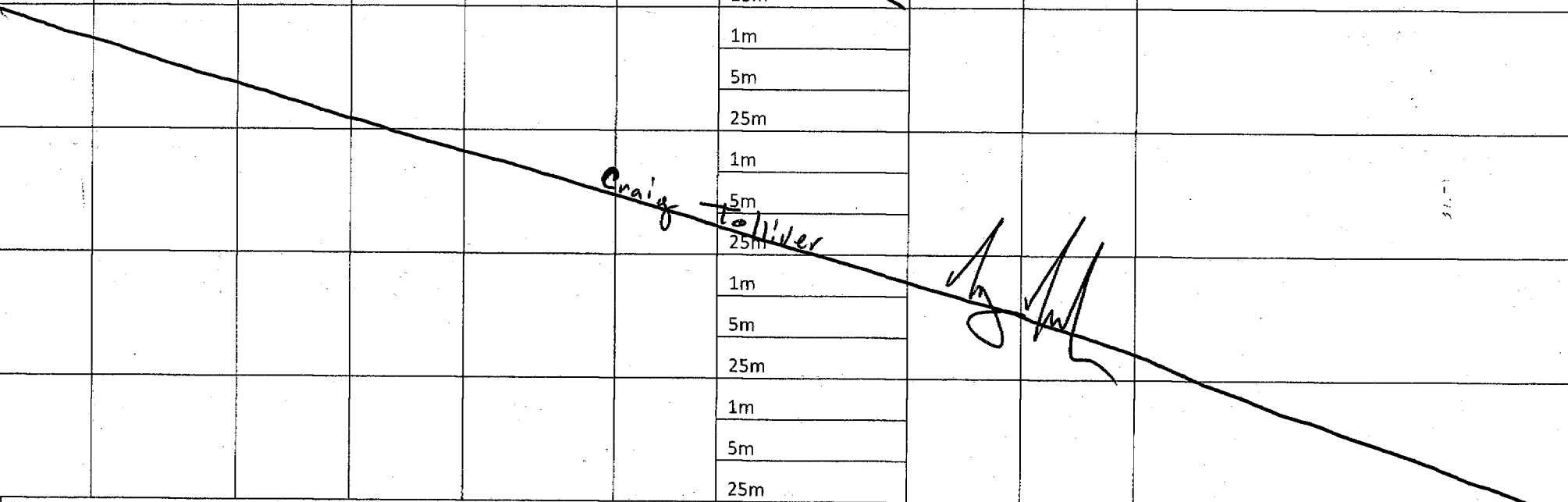
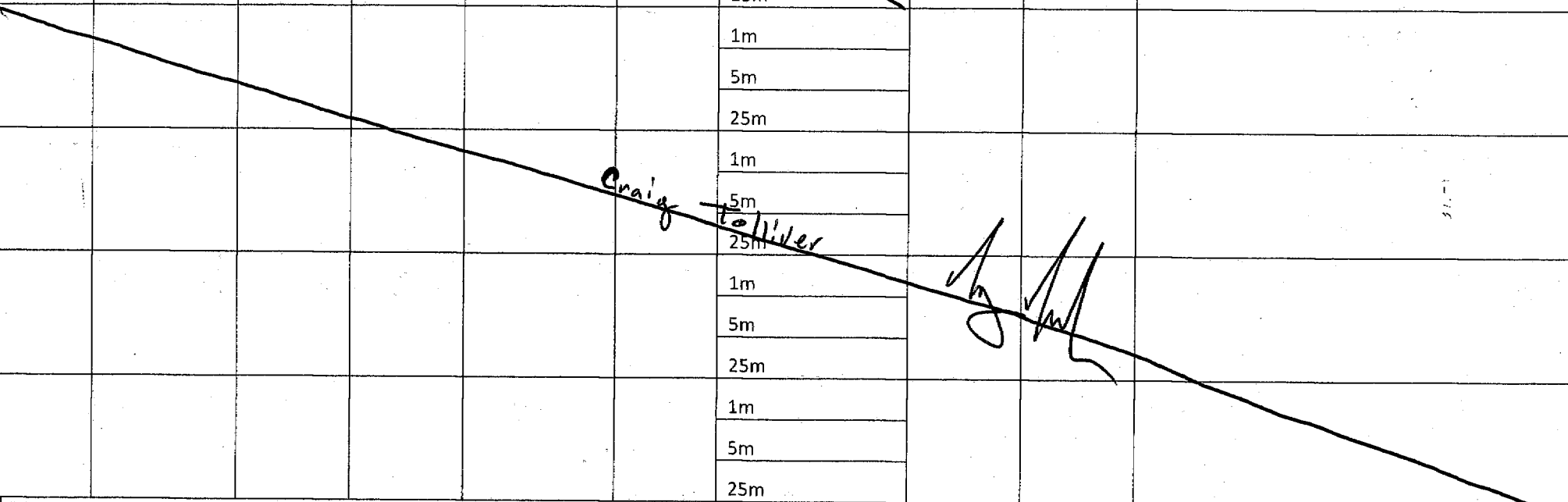
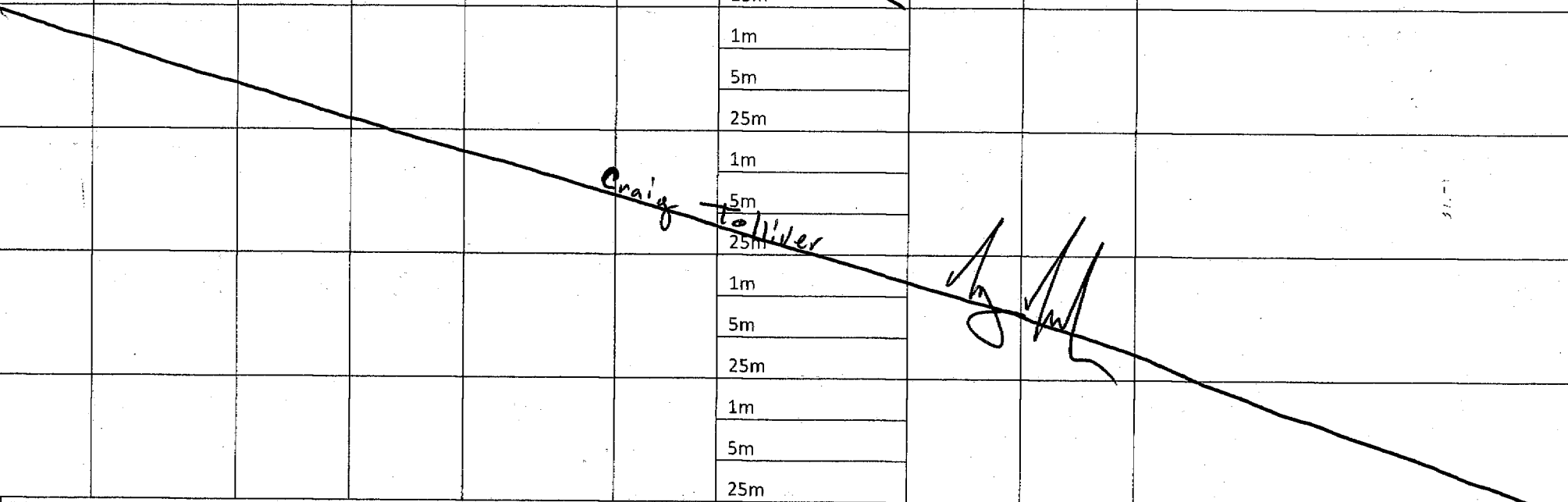
¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/18/2011		Surveyors: Dane Cassady LDWF Craig Tolliver cardno-entrix		Surveyor Signatures: 					
Survey Transect # LA-75-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
36-37 L	N29.76713 W93.51196	714m	09:30	Same as Prev. Day	wrack	1m 100-0212	Dist	yes	
						5m 100-0213			
						25m 100-0214			
80-79 M	N29.76712 W93.51157	703m	09:32	Same as Prev. Day	wrack	1m 100-0215	OR	yes	Several crab burrows have appeared around bird carcass
						5m 100-0216			
						25m 100-0217			
82-81 M	N29.76766 W93.50765	1252m	09:42	Same as Prev. Day	upper	1m 100-0218	Dist	yes	
						5m 100-0219			
						25m 100-0220			
16-15 S	N29.76829 W93.50060	1925m	09:50	Same as Prev. Day	wrack	1m 100-0221	OR	yes	
						5m 100-0222			
						25m 100-0223			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

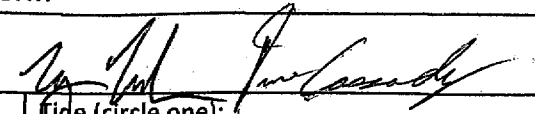
¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/18/2011		Surveyors: Dave Cassidy LDWP Craig Tolliver cardm-Entire		Surveyor Signatures:  						
Survey Transect # LA-7606										
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera: Photo(s) ID# ⁴	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
100-99 M	N29.76730 W93.39407	266m	10:05	Same as prev. Day	Wrack	1m 100-0224 5m 100-0225 25m 100-0226	Dist	yes		
22-14 M	N29.76730 W93.39407	691m	10:14	NA	NA	1m 5m 25m	Miss	yes		Only a few feathers remain.
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

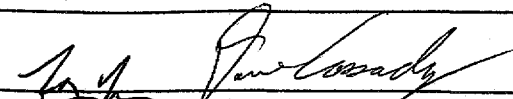
¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/18/2011		Surveyors: Dane Cassidy ADWF Craig Tolliver Cardno-Entire		Surveyor Signatures: 					
Survey Transect # LA 562-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			
4849 M	N29.77722 W93.24022	408m	12:44	Same as Prev. Day	Wrack	1m 100-0227	Dist	Yes	
						5m 100-0228			
						25m 100-0229			
34 S	N29.77708 W93.23672	751m	12:58	N29.77712 W93.23672	Wrack	1m 100-0230	Dist	Yes	
						5m 100-0231			
						25m 100-0232			
21-22 S	N29.77729 W93.2337	1074m	13:06	NA	NA	1m	Miss	Yes	
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

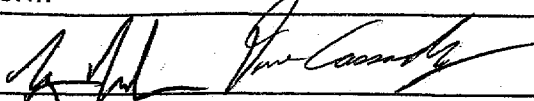
¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/18/2011		Surveyors: Dane Cassidy LDWF Craig Tolliver cardap entry		Surveyor Signatures: 					
Survey Transect # LA 562-03									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
37-38 S	N29.77167 W93.18652	1200m	13:15	Same as prev. Day	wrack	1m 100-0233 5m 100-0234 25m 100-0235	Dist	Yes	
41-42 S	N29.76915 W93.17142	1809m	13:35	Same as prev. Day	upper	1m 100-0236 5m 100-0237 25m 100-0238	Dist	Yes	
43-44 M	N29.76793 W93.16748	1602m	13:45	NA	NA	1m 5m 25m	Miss	NO	
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			
						1m 5m 25m			

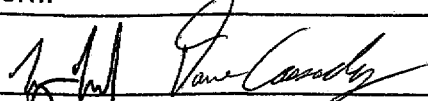
¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form									
Date (mm/dd/yyyy): 6/19/2011		Surveyors: Dane Cassidy LDWF Craig Tolliver Cardno Entry				Surveyor Signatures: 			
Survey Transect # LA 75-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
36-37 L	N29.76713 W93.51196	714m	8:55	Same as prev Day	Wrack	1m 100-0240	Dist	yes	Crab burrow has appeared next to carcass
						5m 100-0241			
						25m 100-0242			
80-79 M	N29.76712 W93.51157	783m	9:01	Same as Prev Day	Wrack	1m 100-0243	SB	yes	Crabs burrows appear active. Also, Beetles and ants on carcass
						5m 100-0244			
						25m 100-0245			
82-81 M	N29.76766 W93.50765	1252m	09:07	Same as Prev	upper	1m 100-0246	Dist	yes	Crab burrow has appeared next to carcass.
						5m 100-0247			
						25m 100-0248			
16-15 S	N29.76829 W93.50060	1925m	09:11	Same as Prev. Day	Wrack	1m 100-0249	Dist	yes	
						5m 100-0250			
						25m 100-0251			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

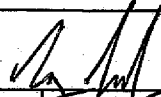
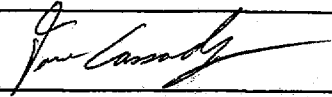
¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/19/2011		Surveyors: Dave Cassidy LPWF Craig Tolliver card no entry		Surveyor Signatures: 					
Survey Transect # LA 76-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
100-99 M	N29.76736 W93.39487	266m	10:23	Same as prev. day	Wrack	1m 100-0252	Dist	YES	
						5m 100-0253			
						25m 100-0254			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/19/2011		Surveyors: Dan Cassady LDWF Craig Tolliver cardio-entire		Surveyor Signatures:  					
Survey Transect # LA 562-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>talling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
48-49 M	N29.77712 W93.24022	408m	12:27	Same as Prev. Day	Wrack	1m 100-0255	Dist	Yes	Crab burrows have appeared
						5m 100-0256			
						25m 100-0257			
3-4 S	N29.77712 W93.23672	751m	12:33	Same as Prev. Day	Wrack	1m 100-0258	Dist	Yes	
						5m 100-0259			
						25m 100-0260			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/19/2011		Surveyors: Dave Cassidy LWF Craig Tolliver Cardio-Entrix		Surveyor Signatures: <i>[Signature]</i> <i>[Signature]</i>					
Survey Transect # LA 562-03									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			
37-38 S	N29.77162 W93.18652	1200m	13:18	NA	wrack NA	1m 5m 25m	Miss	Yes	Large crab burrow next to block
41-42 S	N29.76915 W93.17142	1809m	13:25	Same as prev Day	upper	1m 100-0261 5m 100-0262 25m 100-0263	Dist	Yes	
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

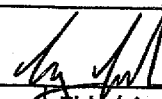
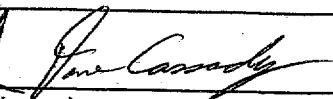
Date (mm/dd/yyyy): 6/20/2011

Survey Transect # LA 75-06

Surveyors:

Dane Cessely LDWF
Craig Tolliver Cardno-Entrix

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high	
36-37 L	N29.76713 W93.51196	714 m	8:54	Same as Prev. Day	wrack	1m 100-0265	Dist	yes	<u>falling</u>	Moved slightly off block due to high winds
						5m 100-0266				
						25m 100-0267				
80-79 M	N29.76712 W93.51157	783 m	8:59	Same as Prev. Day	wrack	1m 100-0268	OR	yes		
						5m 100-0269				
						25m 100-0270				
82-81 M	N29.76766 W93.50765	1252 m	9:04	Same as Prev. Day	upper	1m 100-0271	Dist	yes		
						5m 100-0272				
						25m 100-0273				
16-15 S	N29.76829 W93.50060	1925 m	09:08	Same as Prev. Day	wrack	1m 100-0274	OR	yes		
						5m 100-0275				
						25m 100-0276				
						1m				
						5m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

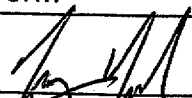
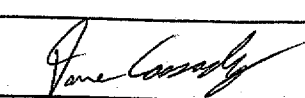
Date (mm/dd/yyyy): 6/20/2011

Survey Transect # LK 76-06

Surveyors:

Dane Cassidy LDWF
Craig Tolliver cardno-entrin

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, falling, slack low, <u>slack high</u>	
100-99 M	N29.76730 W93.39487	266m	9:27	Same as Prev. Day	Wrack	1m 100-0277	Dist	Yes		
						5m 100-0278				
						25m 100-0279				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/10/2011

Survey Transect # LA 562-01

Surveyors: Dan Cassidy

LDWP

Craig Tolliver

Cardno Entry

Surveyor Signatures:





Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high	
48-49 M	N29.77722 W93.24022	408m	12:30 10:00	Same as Prev. Day	Wrack	1m 100-0280	Dist	Yes		
						5m 100-0281				
						25m 100-0282				
34 S	N29.77712 W93.23672	751m	12:35	Same as Prev. Day	Wrack	1m 100-0283	Dist	Yes		
						5m 100-0284				
						25m 100-0285				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/20/2011

Survey Transect # LA 562-03

Surveyors:

Dane Cassidy LPWF
Craig Tolliver Cardno-Entair

Surveyor Signatures:

Dane Cassidy
Craig Tolliver

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
						Photo(s) ID# ⁴				
41-42 S	N29.76915 W93.17142	1809m	12:54	Same as Prev Day	Upper	1m 100-0286	Dist	Yes		
						5m 100-0287				
						25m 100-0288				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/21/2011

Survey Transect # LA 75-06

Surveyors:

Dane Cassidy LBWF
Craig Tolliver Cardio-Entirex

Surveyor Signatures:



Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>	Notes
						Photo(s) ID# ⁴				
36-37 L	N29.76713 W93.51196	714m	8:55	Same as prev. Day	Wrack	1m 100-0290	Dist	Yes		
						5m 100-0291				
						25m 100-0292				
80-79 M	N29.76712 W93.51157	783m	09:05	N29.76714 W93.51155	Wrack	1m 100-0293	OR	Move	Bird has moved lower (shoreward) of last location	
						5m 100-0294				
						25m 100-0294				
82-81 M	N29.76766 W93.50765	1252m	09:10	Same as Prev Day	UPPER	1m 100-0296	Dist	Yes		
						5m 100-0297				
						25m 100-0298				
16-15 S	N29.76829 W93.50060	1925m	09:16	Same as prev. Day	Wrack	1m 100-0299	OR	Yes		
						5m 100-0300				
						25m 100-0301				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

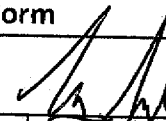
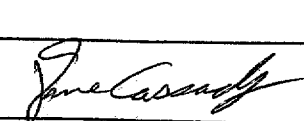
Date (mm/dd/yyyy): 6/21/2011

Survey Transect # LA 76-06

Surveyors:

Dane Cassady LPWF
Craig Tolliver cordoba-entrix

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, <u>slack high</u>
						Photo(s) ID# ⁴			Notes
100-99 M	N29.76730 W93.39407	266	09:35	Same as prev. Day	Wrack	1m 100-0201	Dist	yes	
						5m 100-0303			
						25m 100-0304			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

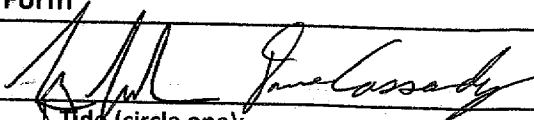
Date (mm/dd/yyyy): 6/21/2011

Survey Transect # LA 562-01

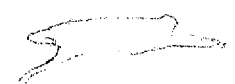
Surveyors:

Dane Cassidy LDWF
Craig Tolliver Cardno-Entery

Surveyor Signatures:



Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high	Notes
						Photo(s) ID# ⁴				
48-49 M	N 29.77712 W 93.24022	408m	13:24	Same as	wrack	1m 100-0305	Dist	Yes		
						5m 100-0306				
						25m 100-0307				
3-4 S	N 29.77712 W 93.23672	751m	13:29	Same as Prev. Day	wrack	1m 100-0308	Dist	Yes		
						5m 100-0309				
						25m 100-0310				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/21/2011

Survey Transect # LA 562-03

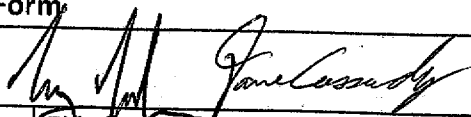
Surveyors: Dave Cassidy LDWF
Craig Tolliver Cardno-Entriv

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
41-42 S	N29.76915 W93.17142	1809m	13:45	Same as prev. day	UPPER	1m 100-0311	Dist	YES	
						5m 100-0312			
						25m 100-0313			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill-NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/22/2011		Surveyors: Dore Cassady LDWF Craig Tolliver Cardno-Entry		Surveyor Signatures: 					
Survey Transect # LA 75-06									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
36-37 L	N29.76713 W93.51196	714m	10:18	Same as Prev. Day	wrack	1m 100-0315	Dist	yes	
						5m 100-0316			
						25m 100-0317			
80-79 M	N29.76712 W93.51157	783m	10:25	Same as Prev. Day	wrack	1m 100-0318	OR	yes	
						5m 100-0319			
						25m 100-0320			
82-81 M	N29.76766 W93.50765	1252m	10:31	Same as Prev. Day	upper	1m 100-0321	Dist	yes	
						5m 100-0322			
						25m 100-0323			
16-15 S	N29.76829 W93.50060	1925m	10:36	Same as Prev. Day	wrack	1m 100-0324	SB	yes	
						5m 100-0325			
						25m 100-0326			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

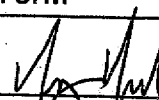
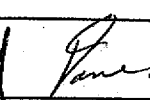
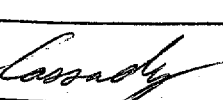
Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/22/2011

Survey Transect # LA 76-06

Surveyors: Dane Cassidy LDWF
Craig Tolliver Cardio-entrix

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high	Notes
						Photo(s) ID# ⁴				
100-99 M	N29.76730 W93.39402	266m	10:44	Same as Previous	wrack	1m 100-0327	Dist	yes		
						5m 100-0328				
						25m 100-0329				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line).⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

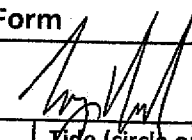
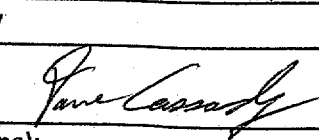
Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/22/2011

Survey Transect # LA-562-01

Surveyors: Dan Cassidy LDWF
Craig Tolliver Cardno-Entrix

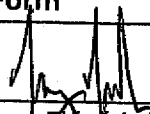
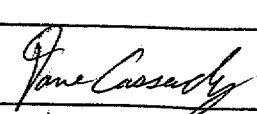
Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
4B-4A M	N29.77712 W93.24022	408m				1m			Not inspected due to thunderstorms
						5m			
						25m			
3-4 S	N29.77712 W93.23672	751m				1m			Not inspected due to thunderstorms.
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/22/2011		Surveyors: Dane Cassidy LDWF Craig Tolliver cardio-entrif		Surveyor Signatures:  					
Survey Transect #: LA 562-03									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):
						Photo(s) ID# ⁴			rising, <u>(falling)</u> slack low, slack high
41-42 S	N29.77722 W93.17142	1809m 408m	13:15	Same as Prev. Day	Upper	1m 100-0330	Dist	Yes	
						5m 100-0331			
						25m 100-0332			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/23/2011

Survey Transect # LA 75-06

Surveyors: Dane Cassidy LDWP
Craig Tolliver Cardno-Entry

Surveyor Signatures:

Tide (circle one):

rising, falling, slack low, slack high

Notes

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	
						Photo(s) ID# ⁴			
36-37 L	N29.76713 W93.51196	714m	10:55	Same as prev. Day	wrack	1m 100-0334	Dist	yes	
						5m 100-0335			
						25m 100-0336			
80-79 M	N29.76712 W93.51157	783m	10:01	Same as Prev. Day	wrack	1m 100-0337	OR	yes	Covered in Sargassum
						5m 100-0338			
						25m 100-0339			
82-81 M	N29.76766 W93.50766	1252m	11:08	Same as prev. Day	upper	1m 100-0340	Dist	yes	
						5m 100-0341			
						25m 100-0342			
16-15 S	N29.76829 W93.50060	1725m	11:11	Same as Prev. Day	wrack	1m 100-0343	SB	yes	
						5m 100-0344			
						25m 100-0345			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/23/2011

Survey Transect # LA 76-06

Surveyors: Dave Cassidy LDWF
Craig Tolliver Cardno-Entry

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
100-99 M	N29 76730 W93.39409	266m	11:20	Same as prev. Day	wrack	1m 100-0348	SB	yes	
						5m 100-0347			
						25m 100-0348			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

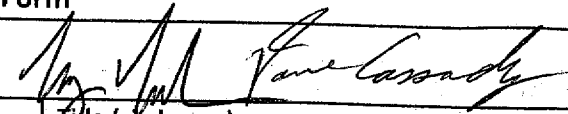
Date (mm/dd/yyyy): 6/23/2011

Survey Transect # LA 502-01

Surveyors:

Dane Cassidy L DWF
Craig Tolliver Cardno-Entnry

Surveyor Signatures:



Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>(falling)</u> slack low, slack high	Notes
						Photo(s) ID# ⁴				
48-49 M	N29.77712 W93.24022	408m	12:34	Same as Prev. Day	wrack	1m 100-0349	OR	Yes		
						5m 100-0350				
						25m 100-0351				
3-4 S	N29.77712 W93.23672	751m	12:38	Same as Prev. Day	wrack	1m 100-0352	OR	Yes		
						5m 100-0353				
						25m 100-0354				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/23/2011

Survey Transect # LA 562-08

Surveyors: Dame Cassidy LDWF
Craig Tolliver cardio-entriy

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, falling, slack low, slack high
						Photo(s) ID# ⁴			Notes
41-42 S	N29.76915 W93.17142	1809m	13:04	Same as prev. Day	Upper	1m 100-0356	Dist	Yes	
						5m 100-0356			
						25m 100-0357			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/24/2011

Survey Transect # LA-75-06

Surveyors: Dan Cassady LDWP
Craig Tolliver Condno-Entire

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high	
36-37 L	N29.76713 W93.51196	714m	09:00	Same as Prev. Day	Wrack	1m 100-0246	OR	Yes		
						5m 100-0247				
						25m 100-0248				
80-79 M	N29.76712 W93.51157	783m	09:04	Same as Prev. Day	Wrack	1m 100-0252	SB	Yes		
						5m 107-0253				
						25m 107-0254				
82-81 M	N29.76766 W93.50765	1252m	09:08	Same as Prev. Day	Upper	1m 107-0255	OR	Yes	Crab near carcass	
						5m 107-0256				
						25m 107-0257				
16-15 S	N29.76829 W93.50060	1925m	09:12	Same as Prev. Day	Wrack	1m 107-0258	SB	Yes		
						5m 107-0259				
						25m 107-0260				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/24/2011

Survey Transect # LA 76-06

Surveyors: Dawn Cassidy LPWF
Craig Tolliver Cardno-entrail

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, falling, slack low, slack high	
100-99 M	N29.76735 W93.39402	266m	09:28	Same as Prev. Day	Wrack	1m 107-0261	SB	yes		
						5m 107-0262				
						25m 107-0263				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/24/2011		Surveyors: Dawn Cassidy L DWF Craig Tolliver Cardio-Entrip		Surveyor Signatures: <i>[Signatures]</i>					
Survey Transect # LA 562-01									
Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> , slack low, slack high
						Photo(s) ID# ⁴			Notes
48-49 M	N29.77712 W93.24022	408m	12:24	Same as prev. Day	Wrack	1m 107-0264	SB	Yes ^u Move	Move ~ 1.5m
						5m 107-0265			
						25m 107-0266			
y ^x S	N29.77712 W93.23672	751m	12:29	Same as prev Day	Wrack	1m 107-0267	SB	Move	Moved ~ 1.5m
						5m 107-0268			
						25m 107-0269			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

¹ "S" = small, "M" = medium, "L" = large² Latitude/Longitude. WGS 84. Decimal degrees.³ Record either "LOW" (for the wash zone, below wrack line), "WRACK" (for at the wrack or high tide line), or "UPPER" (for the upper intertidal, above the wrack or high tide line)⁴ On placement day or days where carcass moved >25m from last location, take photos at 1, 5, and 25m. Otherwise, take photos at 1 and 5m (put a large "X" on line for 25m).⁵ Use one of the following: "Int." (intact, equivalent to No scavenging), "Dist." (disturbed, skin broken, mostly intact), "PR" (Pectorals removed but organs present), "OR" (Organs removed but pectorals present), "SB" (Skin and bones only; pectorals and organs removed), "PG" (Fragmentary; pelvic girdle only), "Wing" (Fragmentary; one or both wings only), "Skin" (feathers attached to skin fragments), "Miss." (missing, no part of carcass remains; equivalent to Removed). If "Missing or Miss." Record, write "N/A" in cells for GPS location and Position Relative to Surf.⁶ "Yes" = block present in previous location, "Moved" = present but not found in previous location, "No" = no longer be found within survey transect.

Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

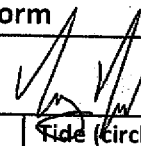
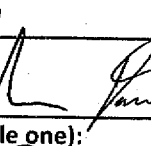
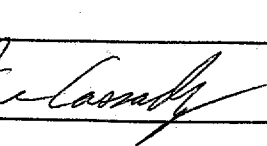
Date (mm/dd/yyyy): 6/24/2011

Survey Transect # LA 562-03

Surveyors:

Dane Cassidy LDWF
Craig Tolliver cardno-Entry

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high	
41-42 S	N29.76915 W93.17142	1809m	12:59	Same as Prev. Day	Upper	1m 107-0270	OR	Yes		
						5m 107-0271				
						25m 107-0272				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

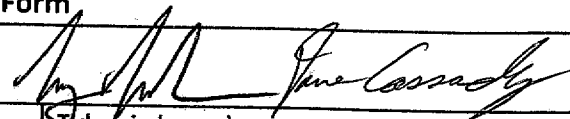
Date (mm/dd/yyyy): 06/25/2011

Survey Transect # LA 75-06

Surveyors:

Dane Cassidy LDWF
Craig Tolliver cardio-entriv

Surveyor Signatures:



Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one): rising, <u>falling</u> slack low, slack high	Notes
						Photo(s) ID# ⁴				
36-37 L	N29.76713 W93.51196	714m	8:53	Same as Prev. Day	Wrack	1m 107-0274	SB	Yes		
						5m 107-0275				
						25m 107-0276				
80-79 M	N29.76712 W93.51157	783m	8:56 10:00	Same as Prev. Day	Wrack	1m 107-0277	SB	Yes		
						5m 107-0278				
						25m 107-0279				
82-81 M	N29.76766 W93.50765	1252m	09:06	Same as Prev. Day	Upper	1m 107-0280	OR	Yes		
						5m 107-0281				
						25m 107-0282				
16-15 S	N29.76829 W93.50060	1925m	09:12	Same as Prev. Day	Wrack	1m 107-0283	SB	Yes		
						5m 107-0284				
						25m 107-0285				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

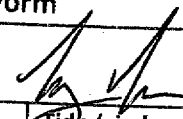
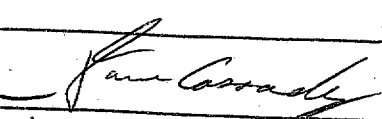
Date (mm/dd/yyyy): 6/25/2011

Survey Transect # LA 76-06

Surveyors:

Dane Cassidy LDWF
Craig Tolliver Cardno-entire

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, falling, slack low, slack high	
100-99 M	N29.76730 W93.39402	266m	09:42	Same as prev. Day	wrack	1m 107-0286	SB	Yes	(falling)	
						5m 107-0287				
						25m 107-0288				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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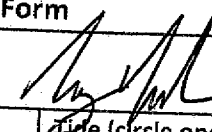
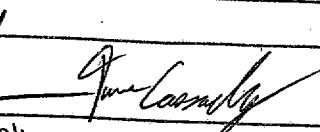
Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/29/2011

Survey Transect # LA 562-01

Surveyors: Dave Cassidy LDWF
Craig Tolliver Cardno-Entrix

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Side (circle one): rising, <u>falling</u> , slack low, slack high	Notes
						Photo(s) ID# ⁴				
48-49 M	N29.77712 W93.24022	408m	11:10	NA	NA	1m 5m 25m	Miss	Yes		Scattered feathers and few bones remain
3-4 S	N29.77712 W93.23672	751m	11:14	Same as prev. Day	Wrack	1m 107-0189 5m 107-0292 25m 107-0293	SB	Yes		
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				
						1m 5m 25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

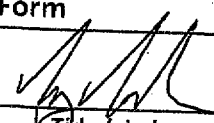
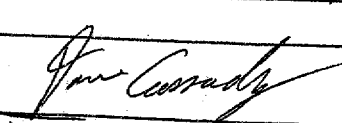
Date (mm/dd/yyyy): 6/25/2011

Survey Transect # LA 562-03

Surveyors:

Dane Cassady LDWF
Craig Tolliver Cardno-Entrix

Surveyor Signatures:

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, <u>falling</u> , slack low, slack high	
41-42 S	N29.76915 W93.17142	1809m	11:50	Same as Prev. Day	Upper	1m 107-0294	OR	Yes		
						5m 107-0295				
						25m 107-0296				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

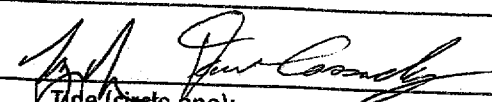
Date (mm/dd/yyyy): 6/26/2011

Survey Transect # LA 562-01

Surveyors:

Dun Casseoff
Craig Tolliver cardno-entriy

Surveyor Signatures:



Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	Tide (circle one):	Notes
						Photo(s) ID# ⁴			rising, falling, slack low, <u>slack high</u>	
3-4 S	N29.77712 W93.23672	751m	8:28	Same as Prev. Day	Wrack	1m 107-0298	SB	Yes		
						5m 107-0299				
						25m 107-0300				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				
						1m				
						5m				
						25m				

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Mississippi Canyon 252 Oil Spill NRDA: Carcass Persistence Data Form

Date (mm/dd/yyyy): 6/26/2011

Survey Transect # LA 562-03

Surveyors: Paul Cassady LDWF
Craig Tolliver cardio - entrip

Surveyor Signatures:

Tide (circle one):

rising, falling, slack low, slack high

Notes

Carcass ID and size ¹	GPS Location ² Prev. Day	Dist. from Transect Start (m)	Time (military format)	GPS Location ² Today	Position Relative to Surf ³	Camera:	Carcass State ⁵	Block Present? ⁶	
						Photo(s) ID# ⁴			
41-42 S	N29.76915 W93.17142	1809m	8:45	Same as Prev. Day	upper	1m 107-0301	OR Dist	Yes	
						5m 107-0302			
						25m 107-0303			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			
						1m			
						5m			
						25m			

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