

1 ★ = data in this column added 10/1/2010 VWV

Deepwater Horizon (MC 252)

Page 1 of 1

SEARCHER EFFICIENCY STUDY DATA SHEET

Please: only one carcass detection survey per form

Date: 9/22/2010 Searcher efficiency investigators (Print AND Sign names): Troy Hock R. Ford

BBS Team # (that will conduct beach search): Dauphin

BBS Datasheet ID # for associated beached bird survey form: ★ 9222010 AL-18-01-6290

Segment Surveyed (and State): AL-18-01 Segment begin⁵: Lat: 30.530914 Long: -87.90836

Start time for carcass placement: 0740 End time: 0822 Segment end⁵: Lat: 30.525244 Long: -87.91139

Total # carcasses placed in segment: 2

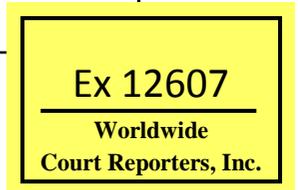
Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
<u>53</u>	<u>Med</u>	<u>no/light</u>	<u>Laughing Gull</u>	<u>wrack</u>	<u>30.52712</u>	<u>87.91028</u>	<u>0805</u>	<u>yes</u>	<u>yes</u>	<u>6400</u>	<u>6401</u>	<u>6402</u>
<u>54</u>	<u>Med</u>	<u>no/light</u>	<u>Laughing Gull</u>	<u>upper</u>	<u>30.52896</u>	<u>87.90913</u>	<u>0816</u>	<u>yes</u>	<u>yes</u>	<u>6403</u>	<u>6404</u>	<u>6405</u>

Notes/comments:

¹ small (S), medium (M), large (L), or x-large (XL)
² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))
³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack
⁴ All Lat/Long decimal degrees, WGS 84
⁵ Lat/long of original BBS segment for geographical reference

BSE-SE. AL-18-01.1

1906/1906 9-29-11



* = data added 10/1/2010 VWV

Deepwater Horizon (MC 252)

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SEARCHER EFFICIENCY STUDY DATA SHEET

Please: only one carcass detection survey per form

Date: 9/23/2010 Searcher efficiency investigators (Print AND Sign names): Nadia Martin Aaron Richards Aron JankBBS Team # (that will conduct beach search): GulfportBBS Datasheet ID # for associated beached bird survey form: * 9232010 MS-08-06.6356Segment Surveyed (and State): MS-08-06 Segment begin⁵: Lat: 30.30193 Long: -88.66722Start time for carcass placement: 0732 End time: 0800 Segment end⁵: Lat: 30.35260 Long: -88.68503Total # carcasses placed in segment: 3

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
87	XL	NS	LGUL	MS Upper	30.30101	-88.66953	0732	yes	yes	525	526	527
88	M	HS	HGUL	MS Upper	30.35716	-88.67789	0746	no	yes	528	529	530
89	M	NS	HGUL	Wreck	30.35578	-88.68015	0756	yes	yes	531	532	533

Notes/comments:Retrieved carcasses from ~~12~~ 12 to 12:45pm¹ small (S), medium (M), large (L), or x-large (XL)² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack⁴ All Lat/Long decimal degrees, WGS 84⁵ Lat/long of original BBS segment for geographical reference

BSE-SE. MS-08-06.3

Lore / Logan

10/3/2011

* = data added 10/11/2010

Deepwater Horizon (MC 252)

SEARCHER EFFICIENCY STUDY DATA SHEET

Please: only one carcass detection survey per form

Date: 9/21/2010 Searcher efficiency investigators (Print AND Sign names):

Veronica Varela Veronica Varela
 Aaron Richards Aaron Richards Page 1 of 1
 Wendy Swindell Wendy Swindell
 Rebecca Brasso Rebecca Brasso
 Nadia Martin Nadia Martin
 Tray Hart
 Julie Campbell
 Julie Campbell

BBS Team # (that will conduct beach search): Foley

BBS Datasheet ID # for associated beached bird survey form: to be entered at later date ← 9212010AL-26-02-6256

Segment Surveyed (and State): Ab-26-02 Segment begin⁵: Lat: 30.26789 Long: -87.58702

Start time for carcass placement: 0740 End time: 0802 Segment end⁵: Lat: 30.26235 Long: -87.60672

Total # carcasses placed in segment: 2

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?
25	S	NS	Storm Petrel	upper	30.26394	87.59456	7:40AM	YES	YES
24	M	NS	LAGU	wrack	30.26401	87.60669	8:00AM		YES
					30.26405	87.60673	8:02AM	YES	

Notes/comments:

¹ small (S), medium (M), large (L), or x-large (XL)
² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))
³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack
⁴ All Lat/Long decimal degrees, WGS 84
⁵ Lat/long of original BBS segment for geographical reference

BSE-SE.AL-26-02.4 add column for picture # 5, 10, 25 5, 10, 25
 1 gale / 1 gale 10/3/11 494, 495, 496 499, 500, 501

BBS Datasheet ID# 9232010 AL-24-02.4253 ← added 10/1/2011
VWV

Deepwater Horizon (MC 252)

SEARCHER EFFICIENCY STUDY DATA SHEET

Please: only one carcass detection survey per form

Date: 9/23/2010 Searcher efficiency investigators (Print AND Sign names):BBS Team # (that will conduct beach search): FoleyBBS Datasheet ID # for associated beached bird survey form: to be inserted laterSegment Surveyed (and State): AL-24-02 Segment begin⁵: Lat: 30.22829 Long: -87.83238Start time for carcass placement: 6:30 End time: 11:30 am Segment end⁵: Lat: 30.22833 Long: -87.85394Total # carcasses placed in segment: 4

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
32	XL	NS	HEGU	UPPER	30.22824	-87.83392	6:37	Y	Y	22	23	24
31	M	NS	LAGU	UPPER	30.22826	-87.85774	6:48	Y	Y	25	26	27
33	M	NS	LAGU	UPPER	30.22832	-87.83974	6:50	Y	Y	28	29	30
29	XL	NS	HEGU	LOW	30.22819	-87.84101	7:11	Y		31	32	33

Notes/comments:

¹ small (S), medium (M), large (L), or x-large (XL)² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack⁴ All Lat/Long decimal degrees, WGS 84⁵ Lat/long of original BBS segment for geographical reference

BSE-SE, AL-24-02.10

Foley / Lopez

10/5/11

* - data added 10/1/2010 VWV

Deepwater Horizon (MC 252)

East Timbalier Island

Page 1 of 1

SEARCHER EFFICIENCY STUDY DATA SHEET

Please: only one carcass detection survey per form

Date: 9/26/2010 Searcher efficiency investigators (Print AND Sign names): Veronica Varela Veronica W. VarelaBBS Team # (that will conduct beach search): 102 JoAnn Mills, Amy PapatanapongBBS Datasheet ID # for associated beached bird survey form: 9262010LA-644-ci.6429Segment Surveyed (and State): LA-644-01 Segment begin⁵: Lat: 29.07405 N Long: 90.31186 WStart time for carcass placement: 9:31 AM End time: Segment end⁵: Lat: 29.06474 N Long: 90.32709 WTotal # carcasses placed in segment: 3

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
6	M	HS	LAGU	wrack	29.07146 N	90.31189 W	9:48 AM	yes	yes	35	36	37
5	M	HS	LAGU	wrack	29.06700 N	90.31976 W	10:16 AM	NO	yes	39	40	41
4	M	NS	LAGU	upper	29.06561 N	90.32572 W	10:43 AM	NO	yes	42	43	44

Notes/comments:

Search of BBS was a single pass of the beach (boat dropped us off at start + picked us up at end). BBS team did Live Bird Survey at start of transect while ~~BBS~~ VWV SES walked down segment to seed birds.

Carcass #6 location changed a bit to hide footprints; very sandy bare area after rain - easy to leave clear tracks!

Carcass #5: location at top of rip rap but in wrack.

¹ small (S), medium (M), large (L), or x-large (XL) Carcass #4 (5m photo): carcass is in center of photo, at 10 o'clock of sand mound.

² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))

³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack

⁴ All Lat/Long decimal degrees, WGS 84

⁵ Lat/long of original BBS segment for geographical reference

LAGU = laughing gull

Photo #38 = where Bird #5 was supposed to be placed, but not sure it was part of segment due to rip rap, so not used by SES

Photos #45, 46, 47 are of Carcass #5 - which was not found by BBS team. Doubled checked with BBS team that this location was part of BBS searched segment - due to presence of a few riprap boulders (although a "beach" and wrack line were clearly present, too). BBS team confirmed that this location fell within a BBS search area.

Photo #48 - Bird #4 not found.

11/10/10

Varela / Papatana

BSE-SE, LA-644-01.11

I am attaching three Searcher Efficiency forms for your review. They are lacking the ending lat/long values in the Segment field of the datasheet. Could you please clarify these for me?

Thanks!

Laurel Gale



POSE-SE. LA-644-01.11
lgale / Jgall
10/6/11

★ = data added 10/1/2010 VWV

Deepwater Horizon (MC 252)

Page 1 of 1**SEARCHER EFFICIENCY STUDY DATA SHEET**

Please: only one carcass detection survey per form

Date: 9/25/2010 Searcher efficiency investigators (Print AND Sign names): Veronica Varela Veronica W. VarelaBBS Team # (that will conduct beach search): 102 JoAnn Mills, Amy PoopatanapongBBS Datasheet ID # for associated beached bird survey form: ★ 9252010LA-640-06.0431Segment Surveyed (and State): LA-640-06 Segment begin⁵: Lat: 29.04659 N Long: 90.75958 W ← start of VWV start end for carcass plantingStart time for carcass placement: 12:50 End time: Segment end⁵: Lat: 29.04737 Long: -90.74007 1gTotal # carcasses placed in segment: 3

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
<u>2</u>	<u>M</u>	<u>NS</u>	<u>LAGU</u>	<u>WRACK</u>	<u>29.04583 N</u>	<u>90.75325 W</u>	<u>1:01 pm</u>	<u>yes</u>	<u>yes</u>	<u>26</u>	<u>27</u>	<u>28</u>
<u>3</u>	<u>M</u>	<u>NS</u>	<u>LAGU</u>	<u>WRACK</u>	<u>29.04638 N</u>	<u>90.74662 W</u>	<u>1:20 pm</u>	<u>yes</u>	<u>yes</u>	<u>29</u>	<u>30</u>	<u>31</u>
<u>1</u>	<u>M</u>	<u>NS</u>	<u>LAGU</u>	<u>upper</u>	<u>29.04711 N</u>	<u>90.74213 W</u>	<u>1:34 pm</u>	<u>yes</u>	<u>yes</u>	<u>32</u>	<u>33</u>	<u>34</u>

Notes/comments: Segment had to be an "out+back" walk, so BBS team walked to other end of segment + performed search on the return trip. SES planted carcasses as BBS team walked to starting point (behind BBS team).

Carcass #3 placed at base of grass clump.

Carcass #1 placed at base of sand fence.

¹ small (S), medium (M), large (L), or x-large (XL)

² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))

³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack

⁴ All Lat/Long decimal degrees, WGS 84

⁵ Lat/long of original BBS segment for geographical reference

LAGU = laughing gull

Photo #25 is a blob of oil (fresh and gooey looking) within 5 ft of Bird #2 placement.

BSE-SE, LA-640-06, 12

lgale / Jgale 10/6/11

I am attaching three Searcher Efficiency forms for your review. They are lacking the ending lat/long values in the Segment field of the datasheet. Could you please clarify these for me?

Thanks!

Laurel Gale



BSE-SE. LA-6410-06.12

Laurel Gale 10/6/11

★ = data added 10/1/2011 VVV

SEARCHER EFFICIENCY STUDY DATA SHEET

Please: only one carcass detection survey per form

Date: 9/25/2010 Searcher efficiency investigators (Print AND Sign names): Veronica Varela, Veronica W. Varela

BBS Team # (that will conduct beach search): 102 Jo Ann Mills, Amy Pooplatanapong

BBS Datasheet ID # for associated beached bird survey form: ★ 9252010 LA-641-04.6435

Segment Surveyed (and State): LA-641-04 Segment begin⁵: Lat: 29.06549N Long: 90.65974 W

Start time for carcass placement: 9:52^{AM} End time: 11:00 AM Segment end⁵: Lat: 29.05931 Long: -90.67962 *lg added 10/6/11*

Total # carcasses placed in segment: 4

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
8	M	HS	LAGU	low	29.06144N	90.66646W	10:14 AM	yes	yes	13	14	15
10	S	NS	gull chick	upper	29.06145N	90.66660W	10:23 AM	yes	yes	16	17	18
7	M	NS	LAGU	upper	29.06137N	90.66686W	10:33 AM	yes	yes	19	20	21
9	XL	HS	HEGU	wrack	29.06057N	90.67249 W	11:00 AM 10:52 AM	yes	yes	22	23	24

Notes/comments:

¹ small (S), medium (M), large (L), or x-large (XL)
² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))
³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack
⁴ All Lat/Long decimal degrees, WGS 84
⁵ Lat/long of original BBS segment for geographical reference

LAGU = laughing gull
 HEGU = herring gull

BSE-SE, LA-641-04.13

gale Lopez

10/6/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE-SE, AL-23-04.14

Varela / Varela

10/25/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE-SE, AL-83-04.14 1 gal / 10/25/10

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE-SE, WFL-26-02.15 gsk/ Jpali 10/25/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE-SE. WFL-26-02.15 1gale/2gale 10/25/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE-SE. WFL-27-02.16 gael Jgale 10/25/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE-SE.WFL-27-02.14 logak/Logak 10/25/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE-SE, WFL-28-02.17 igak/foale 10/25/11

9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE-SE, WFL-02.17 Joe Lopez 10/25/11

Deepwater Horizon (MC 252)

Page 1 of 1**SEARCHER EFFICIENCY STUDY DATA SHEET**

Please: only one carcass detection survey per form

Date: 9/23/2010 Searcher efficiency investigators (Print AND Sign names): Nadia Martin / Aaron RichardsBBS Team # (that will conduct beach search): Bulport

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): NS-08-01 Segment begin⁵: Lat: 30.31307 Long: -88.72869Start time for carcass placement: 0625 End time: 0650 Segment end⁵: Lat: 30.34843 Long: -88.74852Total # carcasses placed in segment: 3

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
92	M	HS	AGUL	Upper	30.24424	-88.13544	0625	yes	yes	50	51	517
91	M	NS	AGUL	Low	30.31514	-88.73809	0631	yes	yes	518	519	520
90	XL	NS	LGUL	Upper	30.34743	-88.74506	0640	yes	yes	521	522	523

Notes/comments:

Retrieved carcasses from 9:45 am to 10:30 am

¹ small (S), medium (M), large (L), or x-large (XL)² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack⁴ All Lat/Long decimal degrees, WGS 84⁵ Lat/long of original BBS segment for geographical reference

BSE-SE, NS-08-01.18 igab/ Lopez 10/25/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE-SE, MS-08-01.18 *gar / Varela* 10/25/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

105E - SE, MS - 08 - 01. 18 19ale / 19ale 10/25/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE-SE, WFL-22-03, 19 Gale/Apple 10/25/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE - SE, WOFL - 22-03.19 *Jale/ Jale* 10/25/14

★ = data added 10/1/2010 VVV

Deepwater Horizon (MC 252)

Page 1 of 1**SEARCHER EFFICIENCY STUDY DATA SHEET**

Please: only one carcass detection survey per form

Date: 9/24/2010 Searcher efficiency investigators (Print AND Sign names): Tray Hard [Signature]BBS Team # (that will conduct beach search): Santa Rosa Beach, FL

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): WFL 25-01 Segment begin⁵: Lat: 30.30608 Long: 86.09731Start time for carcass placement: 7:35 End time: 8:15 Segment end⁵: Lat: 30.31095 Long: 86.11271Total # carcasses placed in segment: 3

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
26	Med.	no/light	Gull	low	30.30880	86.10542	7:46	yes	yes	6447	6448	6449
23	Med	no/light	Gull	upper	30.31005	86.10932	7:58	yes	yes	6450	6451	6452
27	med	no/light	Gull	upper (in) wrack	30.31068	86.11147	8:14	yes	yes	6453	6454	6455

Notes/comments:

¹ small (S), medium (M), large (L), or x-large (XL)² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack⁴ All Lat/Long decimal degrees, WGS 84⁵ Lat/long of original BBS segment for geographical referenceBSE-SE, WFL-25-01.20 lgar/ Lopez 10/25/11



Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE - SE, WFL-25-01.20 gale/ Lopez 10/25/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE-SE, WFL-25-01, 20 gsk/ Jofal 10/25/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE-SE, LA-643-01.21 19/25/11 10/25/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE-SE.LA-643-01.21

Igal / Jgal

10/25/11

★ = data added 10/1/2010 vvv

Deepwater Horizon (MC 252)

Page 1 of 1**SEARCHER EFFICIENCY STUDY DATA SHEET**

Please: only one carcass detection survey per form

Date: 9/24/10 Searcher efficiency investigators (Print AND Sign names): Wendy M. Swindell James F. Weigand/DOE James J. WeigandBBS Team # (that will conduct beach search): Gulfport

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): MS 23-09 Segment begin⁵: Lat: 30.3068 Long: -89.26753Start time for carcass placement: 0711 End time: _____ Segment end⁵: Lat: 30.30334 Long: -89.28791Total # carcasses placed in segment: 3

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
105	Med	NS	LAGU	UPPER	30.30597	-89.27100	0711	yes	YES	49	50	51
107	Med	NS	LAGU	UPPER	30.30680	-89.26753	0740	yes	YES	52	53	54
106	Med	HS	LAGU	UPPER	30.30366	-89.28189						
106	MED	HS	LAGU	UPPER	30.30353	-89.28368	0758	yes	YES	55	56	57/58

Notes/comments:

OUR BIRD LIST SAYS THAT THE BIRD (LAGU #105) IS HEAVILY SCAVENGED. ACTUALLY THE BIRD WAS "NO/LIGHT"

GPS UNIT WAS NOT FUNCTIONING CONSISTENTLY. TO BE SURE THAT THE THIRD BIRD WAS INSIDE

¹ small (S), medium (M), large (L), or x-large (XL) THE PLOT WE MAY PLACED THE BIRD (LAGU #106) OFF THE SPECIFIC

² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))

³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack

⁴ All Lat/Long decimal degrees, WGS 84

⁵ Lat/long of original BBS segment for geographical reference

BSE-SE, MS-23-09.22

Wendy Swindell

10/25/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE-SE, MS-23-09.22

lgale/foyle

10/25/11

9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE-SE. MS-23-09.22

19/11/11 10/25/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

OSE-SE.LA-75-04.23

gale/jgal

10/25/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE - SE, LA - 75 - 04.23

gale/gale 10/25/11

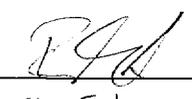
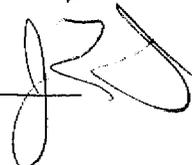
* = data added 10/1/2010

Deepwater Horizon (MC 252)

Page 1 of 1

SEARCHER EFFICIENCY STUDY DATA SHEET

Please: only one carcass detection survey per form

Date: 9/25/2010 Searcher efficiency investigators (Print AND Sign names): Tray Hart BBS Team # (that will conduct beach search): Middle, AL Cameron, LA  

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): LA 75-02 Segment begin⁵: Lat: 29.75607 Long: 93.6018Start time for carcass placement: 8:30 End time: 9:40 Segment end⁵: Lat: 29.75882 Long: 93.5815

Total # carcasses placed in segment: 5

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
122	Med.	no/light	Gull	Low	29.75641	93.59952	8:35	yes	yes	6471	6472	6473
124	Med.	no/light	Gull	Low	29.75616	93.59192	8:51	yes	yes	6475	6476	6477
123	Med.	HS	Gull	Upper	29.75804	93.58130	9:14	yes	yes	6478	6479	6480
125	Med.	HS	Gull	Low	29.75802	93.58445	9:20	yes	yes	6481	6482	6483
126	Med.	no/light	Gull	Wrack	29.75846	93.58271	9:24	yes	yes	6484	6485	6486

Notes/comments:

¹ small (S), medium (M), large (L), or x-large (XL)² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack⁴ All Lat/Long decimal degrees, WGS 84⁵ Lat/long of original BBS segment for geographical reference

BBS Team → Sabine

BBE-SE.LA-75-02.24 large/loose 10/25/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

09E-SE, LA-75-02.24 gale/fojace 10/25/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

POSE-SE, LA-75-02.24 gale/gale 10/25/14

60
* = data added 10/1/2010 VVV

Deepwater Horizon (MC 252)

Page 1 of 1

SEARCHER EFFICIENCY STUDY DATA SHEET

Please: only one carcass detection survey per form

Date: 9/25/2010 Searcher efficiency investigators (Print AND Sign names): Nadia Martin Aaron Richards
Nadia Martin Aaron Richards

BBS Team # (that will conduct beach search): Rockefeller

BBS Datasheet ID # for associated beached bird survey form: * no # yet

Segment Surveyed (and State): LA-77-03 Segment begin⁵: Lat: 29.7773 Long: -93.25063

Start time for carcass placement: 0115 End time: 0130 Segment end⁵: Lat: 29.77631 Long: -93.27139

Total # carcasses placed in segment: 3

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
164	M	HS	LAGU	upper	29.7787	-93.25371	0118	yes	yes	547	548	549
165	L	HS	MEGU	low	29.77682	-93.26175	0124	yes	yes	550	551	552
163	M	NS	LAGU	upper	29.7716	-93.20243	0128	yes	yes	553	554	555

Notes/comments:

Retrieved birds from 1345 to 1500.

¹ small (S), medium (M), large (L), or x-large (XL)
² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))
³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack
⁴ All Lat/Long decimal degrees, WGS 84
⁵ Lat/long of original BBS segment for geographical reference

DDE - SE. LA-77-03.25 gale/Spice 10/25/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
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<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
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9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE - SE. LA - 77 - 03.25

Varela / Ford

10/25/11

9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE-SE, LA-77-03.25 Jape / Jape 09/25/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
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<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

OSE - SE. MS-17-02. 26

lgale / Jofale

10/25/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE-SE. MS-17-02.26 Igar/Lopez 10/25/11

★ = data added 10/1/2010 vvv

Deepwater Horizon (MC 252)

Page 1 of 1**SEARCHER EFFICIENCY STUDY DATA SHEET**

Please: only one carcass detection survey per form

Date: 9/26/2010 Searcher efficiency investigators (Print AND Sign names): Tracy Hove [Signature]BBS Team # (that will conduct beach search): Sabine Pass, LA

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): LA 76-06 Segment begin⁵: Lat: 29.76713 Long: 93.3968Start time for carcass placement: 6:00 End time: 6:48 Segment end⁵: Lat: 29.76532 Long: 93.3763Total # carcasses placed in segment: 5

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
139	sm	no/light	Duck	upper	29.76726	93.39429	6:05	yes	yes			
140	sm	no/light	Gull	low	29.76660	93.38824	6:20	yes	yes			
141	med	no/light	Gull	wrack	29.76632	93.38648	6:30	yes	yes			
142	med	no/light	Gull	upper	29.76566	93.37985	6:40	yes	yes	16	17	18
143	XL	no/light	Gull	wrack	29.76554	93.37850	6:44	yes	yes	19	20	21

no pics
no camera
in field
phone died
pics
pic on phone

Notes/comments:¹ small (S), medium (M), large (L), or x-large (XL)² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack⁴ All Lat/Long decimal degrees, WGS 84⁵ Lat/long of original BBS segment for geographical reference

BSE-SE, LA-76-06.27

Ignie Lopez

10/27/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
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SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE-SE, LA-76-06.27 Jan/ Joplin 10/27/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE-SE, LA-76-06, 27 10/27/11

★ = data added 10/1/2010 VWV

Deepwater Horizon (MC 252)

Page 1 of 1**SEARCHER EFFICIENCY STUDY DATA SHEET**

Please: only one carcass detection survey per form

Date: 9/26/2010 Searcher efficiency investigators (Print AND Sign names): Tray Hart T. Darden T. DardenBBS Team # (that will conduct beach search): Sabine Pass, LA

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): LA 76-04 Segment begin⁵: Lat: 29.76884 Long: 93.438Start time for carcass placement: 7:16 End time: 8:35 Segment end⁵: Lat: 29.76818 Long: 93.4174Total # carcasses placed in segment: 3

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
136	med	no/light	Gull	wrack	29.76874	93.43235	7:22	yes	Yes	6500	6501	6502
137	med	HS	Gull	low	29.76858	93.42824	7:43	yes	Yes (no tag)	6505	6506	6507
138	med	no/light	Gull	upper	29.76858	93.41833	8:16	yes	Yes	6508	6509	6510

Notes/comments:

¹ small (S), medium (M), large (L), or x-large (XL)² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack⁴ All Lat/Long decimal degrees, WGS 84⁵ Lat/long of original BBS segment for geographical reference

BSE-SE, LA-76-04.28 gale / gale 10/27/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE SE. LA-76-01.28 [unclear] [unclear] 10/27/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE-SE. LA-76-04.28 gal / Splo 10/27/11

★ - data added 10/1/2010 VWV

Deepwater Horizon (MC 252)

Page 1 of 1**SEARCHER EFFICIENCY STUDY DATA SHEET**

Please: only one carcass detection survey per form

Date: 9/26/2010 Searcher efficiency investigators (Print AND Sign names): Tony HurdGilena FordBBS Team # (that will conduct beach search): Sabra Pass, LADorinda

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): LA 76-02 Segment begin⁵: Lat: 29.76985 Long: 93.4792Start time for carcass placement: 8:18 End time: 8:54 Segment end⁵: Lat: 29.76941 Long: 93.4586Total # carcasses placed in segment: 5

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
134	XL	HS	Gull	upper	29.76971	93.47009	8:22	yes	yes	6514	6515	6516
135	mod	no/light	Gull	wrack	29.76968	93.47027	8:25	yes	yes	6517	6518	6519
132	mod	no/light	Gull	upper	29.76971	93.46645	8:36	yes	yes	6520	6521	6522
131	mod	no/light	Gull	upper	29.76951	93.46168	8:45	NO	yes	6523	6524	6525
133	mod	no/light	Gull	upper	29.76952	93.46060	8:49	NO	yes	6526	6527	6528

Notes/comments:¹ small (S), medium (M), large (L), or x-large (XL)² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack⁴ All Lat/Long decimal degrees, WGS 84⁵ Lat/long of original BBS segment for geographical reference

★ Carcass 134 - BBS team could not read # off carcass, and called it a caspian tern, but there location is consistent with carcass #134, so marked #134 as "found" above.

BSE-SE. LA - 76-02. 29

jpe/ J. Ford

10/27/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
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SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE-SE, LA-76-02.29

Jorge / Jope

10/27/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

105E-SE.LA-76-02.29 Gale/Spice 10/27/11

★ = data added 10/1/2010 VVV

Deepwater Horizon (MC 252)

Page 1 of 1

SEARCHER EFFICIENCY STUDY DATA SHEET

Please: only one carcass detection survey per form

Date: 9/26/2010 Searcher efficiency investigators (Print AND Sign names): Nadia Martin Mel Martin
Aaron Richards Aeryn JuistBBS Team # (that will conduct beach search): Rockefeller

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): LA-563-01 Segment begin⁵: Lat: 29.75119 Long: -93.09295Start time for carcass placement: 0600 End time: 0700 Segment end⁵: Lat: 29.74911 Long: -93.08330Total # carcasses placed in segment: 3

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at			New distance
										5m	10m	25m	
115	M	NS	LAGU	low	29.75073	-93.09171	0640	yes	yes	---	---	---	128m
114	M	HS	LAGU	wrack	29.74989	-93.08764	0640	yes	yes *	---	---	---	536m
113	XL	HS	HEGU	upper	29.74942	-93.08508	0651	NO	yes	---	---	---	782m

Notes/comments:

No photos were taken because it was raining. The transect was only 11cm long, so each bird's distance was too far, so we subtracted 1000m from each distance.

* This bird was recovered, but the tag was gone and only 2 wing feathers (disconnected) were left.

¹ small (S), medium (M), large (L), or x-large (XL)

² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))

³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack

⁴ All Lat/Long decimal degrees, WGS 84

⁵ Lat/long of original BBS segment for geographical reference

Retrieved birds from 1400 to 1530.

BSE-SE, LA-563-01. 30

lgar/jgar

10/27/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
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BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
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9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE - SE, LA - 563-01.30 gart/Joelle 10/27/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE - SE, LA-563-01. 30 logak / logak 10/27/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE-SE, AL-26-07.31 | Gall/ Lopez | 10/27/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE-SE-AL-26-07.31 19/26/10 10/27/11

Deepwater Horizon (MC 252)

Miss Lena Island

Page 1 of 1

SEARCHER EFFICIENCY STUDY DATA SHEET

Please: only one carcass detection survey per form

Date: 9/24/2010 Searcher efficiency investigators (Print AND Sign names): Veronica Varela Veronica W. VarelaBBS Team # (that will conduct beach search): 102 JuAnn Mills + Amy Pooapatanapong

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): LA-645-01 Segment begin⁵: Lat: 29.09630 N Long: 90.25417 WStart time for carcass placement: 12:35 End time: _____ Segment end⁵: Lat: _____ Long: _____Total # carcasses placed in segment: 2

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
15	M	HS	LAGU	upper	29.09406 N	90.24836 W	12:47 pm	yes	yes	49	50	51
16	M	NS	LAGU	upper	29.09359 N	90.24719 W	12:58 pm	yes	yes	52	53	54

Notes/comments: SES started seeding birds from the west end of segment while BBS team traveled to east end of segment and started their search. SES met BBS on segment after seeding was done to follow and followed behind BBS team for the rest of their search to make picking up any missed carcasses faster. So, BBS team knew that "test" didn't start until they passed SES. Carcass #16 location was hard to keep tracks hidden.

¹ small (S), medium (M), large (L), or x-large (XL)

² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))

³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack

⁴ All Lat/Long decimal degrees, WGS 84

⁵ Lat/long of original BBS segment for geographical reference

BSE - SE, LA-645-01. 32

LAGU = laughing gull
gale / Lopez

10/27/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE - SE, LA-645-01.32 1 gal 10/27/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BE-SE.LA-645-01.32

gavel Joppe

10/27/11

★ - data added 10/1/2010 vvv

Deepwater Horizon (MC 252)

Page 1 of 1**SEARCHER EFFICIENCY STUDY DATA SHEET**

Please: only one carcass detection survey per form

Date: 9/27/2010 Searcher efficiency investigators (Print AND Sign names): Troy Hart Travis DardenBBS Team # (that will conduct beach search): Sabine Pass, LA

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): LA 83-04 Segment begin⁵: Lat: 29.74641 Long: 93.6835Start time for carcass placement: 6:20 End time: 7:10 Segment end⁵: Lat: 29.74931 Long: 93.6632Total # carcasses placed in segment: 5

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
154	Med	no/light	Gull	Wrack	29.74863	93.66648	6:23	yes	yes	1	2	3
152	XL	no/light	Gull	Upper	29.74855	93.66722	6:26	yes	yes	4	5	6
150	med	no/light	Gull	Upper	29.74794	93.67147	6:37	yes	yes	7	8	9
151	Small	no/light	Gull	Upper	29.74752	93.67404	6:43	yes	yes	10	11	12
153	Med	HS	Gull	Upper	29.74694	93.67831	6:51	NO	yes	14	15	13

Notes/comments:¹ small (S), medium (M), large (L), or x-large (XL)² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack⁴ All Lat/Long decimal degrees, WGS 84⁵ Lat/long of original BBS segment for geographical reference

BBS - SE. LA - 83 - 04. 33

Gull/Upper

10/27/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE-SE, LA-83-01.33 | Gale | Lopez | 10/27/11

9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE - SE, VA-23-04.33

Jack/John

10/27/11

★ = data added 10/1/2010 VWV

Deepwater Horizon (MC 252)

Page 1 of 1**SEARCHER EFFICIENCY STUDY DATA SHEET**

Please: only one carcass detection survey per form

Date: 9/27/2010 Searcher efficiency investigators (Print AND Sign names): Tray Hard Travis DardenBBS Team # (that will conduct beach search): Sabine Pass, LA

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): LA 81-01 Segment begin⁵: Lat: 29.75187 Long: 93.6428Start time for carcass placement: 7:20 End time: 8:30 Segment end⁵: Lat: 29.75422 Long: 93.6224Total # carcasses placed in segment: 5

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
157	Med	HS	Gull	upper	29.75387	93.62682	7:26	No	Yes	22	23	24
155	med	HS	Gull	low	29.75386	93.62586	7:29	No	Yes	25	26	27
158	XL	no/light	Gull	low	29.75405	93.62439	7:33	Yes	Yes	28	29	30
156	Small	HS	Tern	wrack	29.75285	93.63413	7:46	No	Yes	31	32	33
159	med	HS	Gull	low	29.75209	93.63877	7:54	Yes	Yes	34	35	36

Notes/comments:

¹ small (S), medium (M), large (L), or x-large (XL)² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack⁴ All Lat/Long decimal degrees, WGS 84⁵ Lat/long of original BBS segment for geographical reference

BSE- SE. LA - 81-01. 34

Igal Lopez

10/27/11

only 2 wings left from scavenging and bag off

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE - SE. LA - 81 - 01. 34 igale Lopez 10/27/11

9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE - SE - 81-01. 31 Gall / 10/27/11

* = date⁹¹ added 10/1/2010 VWW

Deepwater Horizon (MC 252)

Page 1 of 1

SEARCHER EFFICIENCY STUDY DATA SHEET

Please: only one carcass detection survey per form

Date: 9/27/2010 Searcher efficiency investigators (Print AND Sign names): Nadia Martin Aaron Richards

BBS Team # (that will conduct beach search): Rockefeller

BBS Datasheet ID # for associated beached bird survey form: 1

Segment Surveyed (and State): LA-562-03 Segment begin⁵: Lat: 29.7686 Long: -93.17053

Start time for carcass placement: 0600 End time: 0637 Segment end⁵: Lat: 29.77253 Long: -93.1907

Total # carcasses placed in segment: 4

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
1109	XL	HS	HEGU	upper	29.76906	-93.17274	0625	yes	yes	569	570	568
1106	XL	NS	HEGU	wrack	29.76899	-93.17281	0627	yes	yes	569	570	571
1107	XL	NS	HEGU	upper	29.77028	-93.17898	0631	yes	yes	572	573	574
1108	M	NS	LAGU	upper	29.77147	-93.18629	0635	yes	yes	575	576	577

Notes/comments:
 Retrieved birds from 1400 to 1530.

¹ small (S), medium (M), large (L), or x-large (XL)
² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))
³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack
⁴ All Lat/Long decimal degrees, WGS 84
⁵ Lat/long of original BBS segment for geographical reference

BSE - SE. LA - 562-03.35 gate / Spaul 10/27/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE-SE. LA-562-03.35

lgall/jgall

10/27/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

OSE - SE. LA-562-03. 35 Gary Spall 10/27/11

★ = data added 10/1/2010 vuv

Deepwater Horizon (MC 252)

Page 1 of 1**SEARCHER EFFICIENCY STUDY DATA SHEET**

Please: only one carcass detection survey per form

Date: 9/27/2010 Searcher efficiency investigators (Print AND Sign names): Nadia Martin Nadia MartinBBS Team # (that will conduct beach search): Rocketteller

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): LA-562-02 Segment begin⁵: Lat: 29.77344 Long: -93.19677Start time for carcass placement: 0641 End time: 0646 Segment end⁵: Lat: 29.77597 Long: -93.21733Total # carcasses placed in segment: 3

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
170	M	HS	LAGU	upper	29.77440	-93.20248	0641	yes	yes	578	579	580
172	M	NS	LAGU	wrack	29.77422	-93.20279	0643	yes	yes	581	582	583
171	M	HS	LAGU	upper	29.77448	-93.20353	0646	yes	yes	584	585	586

Notes/comments:

Retrieved birds from 1400 to 1530.

¹ small (S), medium (M), large (L), or x-large (XL)² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack⁴ All Lat/Long decimal degrees, WGS 84⁵ Lat/long of original BBS segment for geographical reference

BSE-SE.LA-562-02.36 igue/foque 10/27/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE-SE.LA-562-02.36 Vgale/Spall 10/27/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

RSE - SE, LA - 302 - 02.30 logal / logal 10/27/11

★ = data added 10/1/2010 vvv

Deepwater Horizon (MC 252)

Page 1 of 1**SEARCHER EFFICIENCY STUDY DATA SHEET**

Please: only one carcass detection survey per form

Date: 9/27/2010 Searcher efficiency investigators (Print AND Sign names): Nadia Martin Arroyo Aaron RichardsBBS Team # (that will conduct beach search): Rockefeller

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): LA-562-01 Segment begin⁵: Lat: 29.71646 Long: -93.22349Start time for carcass placement: 0653 End time: 0705 Segment end⁵: Lat: 29.71731 Long: -93.24435Total # carcasses placed in segment: 5

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	★ Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
108	M	HS	LAGU	low	29.71652	-93.22599	0653	yes	yes	587	588	589
112	S	NS	GWTE	wrack	29.71663	-93.22749	0656	yes	yes	590	591	592
* 109	M	HS	LAGU	wrack	29.71667	-93.22884	0658	yes	yes	593	594	595
* 110	S	NS	AMBY	upper	29.71719	-93.23327	0701	NO	yes	596	597	598
111	M	NS	LAGU	upper	29.71732	-93.23812	0705	yes	yes	599	600	601

Notes/comments:

* Birds 109 and 110 were recovered, but had been heavily scavenged. Photo 0625 ~~was~~ shows the scavenged bird 109. Bird 110 was not as heavily scavenged but its tag was detached.

Retrieved birds from 1400 to 1530.

¹ small (S), medium (M), large (L), or x-large (XL)

² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))

³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack

⁴ All Lat/Long decimal degrees, WGS 84

⁵ Lat/long of original BBS segment for geographical reference

BSE - SE. LA-562-01. 37 gale/Spide 10/27/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE - SE, LA - 562-01. 37 19/27/11

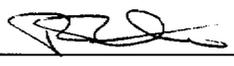
				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

ASE-SE, LA-562-01.37
 Gale Lopez 09/27/10

Deepwater Horizon (MC 252)

Page 1 of 1**SEARCHER EFFICIENCY STUDY DATA SHEET**

Please: only one carcass detection survey per form

Date: 9/28/2010 Searcher efficiency investigators (Print AND Sign names): Philip Bentley BBS Team # (that will conduct beach search): Deepwater Island

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): AL-07-02 Segment begin⁵: Lat: 30.24849 Long: -88.18012Start time for carcass placement: 0923 End time: 1325* Segment end⁵: Lat: 30.25029 Long: -88.20244Total # carcasses placed in segment: 5

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
60	M	NS	LAGU	wreck	30.24550	88.18733	0900	Yes	Yes	46	47	48
97	M	NS	RBGU	wreck	30.24862	88.18633	0906	Yes	Yes	49	50	51
56	XL	HS	HEGU	upper	30.24829	88.19175	0920	Yes	Yes	52	53	54
102	M	NS	LAGU	wreck	30.24823	88.19370	0924	Yes	Yes	55	56	57
52	S	NS	GUTE	low	30.24821	88.19433	0932	Yes	Yes	58	59	60

Notes/comments:

1) Bird numbers may not be those originally planned, Used birds that were available. Birds may have been used on other transects
* Time Carcasses retrieved

¹ small (S), medium (M), large (L), or x-large (XL)² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack⁴ All Lat/Long decimal degrees, WGS 84⁵ Lat/long of original BBS segment for geographical reference

BSE-85, AL-07-02, 38

Gale/Slope

10/27/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE - SE, AL - 07 - 02.38 1 gull / 1 sparrow 10/27/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

RSE - SE. AL - 07 - 02. 38 *guel/Logue*

Deepwater Horizon (MC 252)

Page 1 of 1**SEARCHER EFFICIENCY STUDY DATA SHEET**

Please: only one carcass detection survey per form

Date: 9/28/2010 Searcher efficiency investigators (Print AND Sign names): Philip BentleyBBS Team # (that will conduct beach search): Dolphin Island

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): AL-06-03 Segment begin⁵: Lat: 30.23743 Long: -88.26603Start time for carcass placement: 10:05 End time: 12:35* Segment end⁵: Lat: 30.23445 Long: -88.2868Total # carcasses placed in segment: 2

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
103	M	NS	LAGU	wrack	30.23496	88.28050	10:16	Yes	Yes	61	62	63
43	XL	HS	HEGU	upper	30.23417	88.28509	10:26	Yes	Yes	64	65	66

Notes/comments: 1) Bird numbers may not be those originally planned. Used birds that were available. Birds may have been used on other transects.

* Time carcasses retrieved

¹ small (S), medium (M), large (L), or x-large (XL)

² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))

³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack

⁴ All Lat/Long decimal degrees, WGS 84

⁵ Lat/long of original BBS segment for geographical reference

BSE-SE, AL-06-03.39

Ignat/John 10/27/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
9/22/2010	AL-23-04	Brasso, Swindell, Camp	9222010AL-23-04.6252	
9/23/2010	WFL-26-02	Ford, Hart	9232010WFL-26-02.6542	
9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
				Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE-SE, AL-06-03. 391

iguel Lopez

10/27/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BSE-SE. AL-06-03. 39 Gale / Gale 10/27/11

Deepwater Horizon (MC 252)

SEARCHER EFFICIENCY STUDY DATA SHEET

Please: only one carcass detection survey per form

Date: 9/28/2010 Searcher efficiency investigators (Print AND Sign names): [Signature]BBS Team # (that will conduct beach search): Dauphin Island

BBS Datasheet ID # for associated beached bird survey form: _____

Segment Surveyed (and State): AL-06-05 Segment begin⁵: Lat: 30.228698 Long: -88.3037Start time for carcass placement: 11:20 End time: 14:15* Segment end⁵: Lat: 30.227267 Long: -88.32343Total # carcasses placed in segment: 3

Carcass ID #	Size ¹	Carcass state ²	Species	Position ³	Latitude ⁴	Longitude ⁴	Placement Time	Carcass detected by BBS team?	Carcass recovered by Searcher Efficiency team?	ID of Photos Taken at		
										5m	10m	25m
93	XL	NS	HELV	UPPER	30.22733	88.32159	11:35	Yes	Yes	67	68	69
94	XL	HS	HELV	UPPER	30.22713	88.32005	11:42	Yes	Yes	70	71	72
59	M	NS	LAV	UPPER	30.22839	88.30663	11:58	Yes	Yes	73	74	75

Notes/comments:

1) Bird numbers may not be those originally planned. Used birds that were available. Birds may have been used on other transects.

2) Bird 93 known to have been used on MS15-01.

* Time carcasses retrieved

¹ small (S), medium (M), large (L), or x-large (XL)

² state of original carcass (no/light scavenged (NS) or heavily scavenged (HS))

³ position relative to surf, indicate one: low (wash zone), upper (high tide), or wrack

⁴ All Lat/Long decimal degrees, WGS 84

⁵ Lat/long of original BBS segment for geographical reference

BSE-SE. AL-06-05. AI [Signature] 10/27/11

Deepwater Horizon NRDAR - Searcher Efficiency Study (Bird Study #1B)				
The following datasheets did not have data entered into the "BBS datasheet ID # for associated beached bird survey form" field.				
This occurred because the BBS datasheet ID#s are assigned when the datasheet is entered into the ERDC database, and at the time the SES datasheets were being completed, entry of the BBS data had not occurred yet. After the SES datasheets were completed, electronic scanned copies of the SES and BBS datasheets were made (many BBS datasheet ID#s were still blank).				
<i>The proper BBS datasheet ID#'s are shown below.</i>				
Prepared by Veronica Varela, USFWS, using BBS datasheet ID #'s entered into the ERDC database for those BBS datasheets as of 10/18/2011.				
BBS datasheets were identified by matching the date and segment name on both the SES and NRDA BBS datasheets.				
A double-check for the correct BBS datasheet was performed by ensuring that the scanned BBS datasheet (with the blank BBS datasheet ID #) matched the ERDC data entered with respect to the collection of non-SES carcasses (and the species, if any carcasses were collected).				
LISTED IN ORDER OF DATE				
SES Datasheet Descriptors				
Date	Segment Surveyed	SES Investigators	BBS datasheet ID#	Notes
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9/23/2010	WFL-27-02	Ford, Hart	9232010WFL-27-02.6539	
9/23/2010	WFL-28-02	Ford, Hart	9232010WFL-28-02.6529	
9/23/2010	MS-08-01	Martin, Richards	9232010MS-08-01.7101	
9/24/2010	WFL-22-03	Ford, Hart	9242010WFL-22-03.6512	
9/24/2010	WFL-25-01	Ford, Hart	9242010WFL-25-01.6519	
9/24/2010	LA-643-01	Varela	9242010LA-643-01.7084	Revised enties (all data taken from BBS datasheet): Segment begin GPS location: Lat 29.05913 N, Long 090.46094 W; Start time for carcass placement: 9:45am. Carcass 13 placement location: 29.05953 N, 090.46719 W; Carcass 14 placement location: 29.05978 N, 090.46961 W.
9/24/2010	MS-23-09	Weigand, Swindell	9242010MS-23-09.7093	
9/25/2010	LA-75-04	Ford, Hart	9252010LA-75-04.6855	
9/25/2010	LA-75-02	Ford, Hart	9252010LA-75-02.7120	

BSE - SE AL - 06 - 05. 41

Varela

10/27/11

				Correct start and end times for carcass placement are indeed 1:15am and 1:30am. No corrections to times needed.
9/25/2010	LA-77-03	Martin, Richards	9252010LA-77-03.7112	
9/25/2010	MS-17-02	Lovit, Swindell	9252010MS-17-02.7097	
9/26/2010	LA-76-06	Ford, Hart	9262010LA-76-06.7122	
9/26/2010	LA-76-04	Ford, Hart	9262010LA-76-04.7110	
9/26/2010	LA-76-02	Ford, Hart	9262010LA-76-02.6839	
9/26/2010	LA-563-01	Martin, Richards	9262010LA-563-01.6774	
9/26/2010	AL-26-07	Bartley, Swindell	9262010AL-26-07.6810	
9/26/2010	LA-645-01	Varela	9262010LA-645-01.7087	
9/27/2010	LA-83-04	Hart, Darden	9272010LA-83-04.6779	
9/27/2010	LA-81-01	Hart, Darden	9272010LA-81-01.6791	
9/27/2010	LA-562-03	Martin, Richards	9272010LA-562-03.6762	
9/27/2010	LA-562-02	Martin, Richards	9272010LA-562-02.6767	
9/27/2010	LA-562-01	Martin, Richards	9272010LA-562-01.6769	
9/28/2010	AL-07-02	Bartley	9282010AL-07-02.6508	
9/28/2010	AL-06-03	Bartley	9282010AL-06-03.6509	
9/28/2010	AL-06-05	Bartley	9282010AL-06-05.6510	

BE - SE, AL - 06-05.4L

Gene Lopez

10/27/11