ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 17 AUG 06 Load #s: 462-469 Areas dredge worked: COE STATIONS 16+00 → 186+00

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 85-99 °C/°F

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F Column (mid-depth) N/A °C/°F Bottom N/A °C/°F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

- MATERIAL DREDGED - MUD
- SCREEN CONTENTS - GRASS, TRASH, DEBRIS, WOOD, PLASTIC, ALUMINUM, ROPE, LINE
- BIOLOGICAL BYCATCH - (1) CATFISH APPROX 15"
- NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES
- Approx. 2 hours delay between load 462 & 463 DUE TO A BELT PROBLEM

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments

Observer name CHARLOTTE LANNING Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 462 **LOAD start date:** 8·17·06 **Times (24hrs): Start** 0739 **End** 0807

Condition of screening : Port good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: mud

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** E NE @ 10-15 Kts

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 463 **LOAD start date:** 8-17-06 **Times (24hrs): Start** 1012 **End** 1139

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: mud

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** E NE @ 10-15 kts

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Harden **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harden

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 464 **LOAD start date:** 8-17-06 **Times (24hrs): Start** 1219 **End** 1327

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLEAR w/ HAZE

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0 **ft Wind (speed & direction):** NONE

AIR TEMP: 99 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: GRASS, TRASH, PLASTIC, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature CL

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 465 **LOAD start date:** 17 AUG 06 **Times (24hrs): Start** 1402 **End** 1508

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLEAR - FEW SCATTERED CLOUDS

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0 **ft Wind (speed & direction):** NONE

AIR TEMP: 97 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: GRASS, TRASH, ROPE, Fishing Line, WIRE CABLE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 466 **LOAD start date:** 17-AUG-06 **Times (24hrs): Start** 1545 **End** 1650

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	**3** = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** 5 S

AIR TEMP: 97 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: GRASS, TRASH, ROPE, PLASTIC

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: CHARLOTTE LANDING **Observer firm** EAST COAST OBSERVERS

Observer signature C.L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 467 **LOAD start date:** 17 AUG 06 **Times (24hrs): Start** 1735 **End** 1901

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLEAR w/ FEW SCATTERED CLOUDS

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	**3** = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
(**2**) = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** 5-10 S

AIR TEMP: 90 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	**None**	**25%**	**50%**	**75%**	(**100%**)
___	**Overflow screening:**	**None**	**25%**	**50%**	**75%**	**100%**
___	**Other screening:**	**None**	**25%**	**50%**	**75%**	**100%**

PORT SCREEN CONTENTS: GRASS, TRASH, CANS, PLASTIC

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___
Shark (any species) ___
Horseshoe crab ___
Blue crab ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: **Unknown** **Loggerhead** **Green** **Kemp's ridley** **Hawksbill** **Leatherback**

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 468 **LOAD start date:** 17 AUG 06 **Times (24hrs): Start** 1938 **End** 2104

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: SCATTERED CLOUDS - LIGHT MIST

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2.5 **ft Wind (speed & direction):** S 10-15

AIR TEMP: 87 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: GRASS, TRASH, DEBRIS, TIRE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___
Shark (any species) ___
Horseshoe crab ___
Blue crab ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 10-15 S/SE

AIR TEMP: 86 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: GRASS, TRASH DEBRIS, PLASTIC
BIOLOGICAL - (1) CATFISH APPROX 15 inches

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA **CONTRACT:** W912P8-05-D-0005 Task Order 3
PROJECT NAME: CALASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA
DREDGE FIRM: B+B DREDGING

Date: 18 AUG 06 **Load #s:** 470 – 482 **Areas dredge worked:** COE Stations 16+00 → 186+00

Beaufort Sea State: 0 (1 2 3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 84–93 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 92 °C/(°F) Column (mid-depth) N/A °C/°F Bottom N/A °C/°F

Condition of deflector: GOOD **Condition of screening:** GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

- MATERIAL DREDGED: MUD
- SCREEN CONTENTS: GRASS, TRASH, DEBRIS, ALUMINUM, PLASTIC, WOOD, ROPE, Fishing Line, TIRE
- BIOLOGICAL BYCATCH: (1) BLUE CRAB CLAW ONLY, (1) BLUE CRAB
- NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
		/	

Observer name CHARLOTTE LANNING **Observer Firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 470 **LOAD start date:** 17 AUG 06 **Times (24hrs): Start** 2329 **End** 0043 (8.18.06

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .05 **ft Wind (speed & direction):** S @ 10-15 kts

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, glass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Charlotte Canning / M. Harden **Observer firm** EAST COAST OBSERVERS

Observer signature ___ / M. Harden

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 471 **LOAD start date:** 8·18·06 **Times (24hrs): Start** 0115 **End** 0221

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .05 **ft** **Wind (speed & direction):** S @ 10-15 kts

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hurder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hurder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 472 **LOAD start date:** 8-18-06 **Times (24hrs): Start** 0309 **End** 0416

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	**3** = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
(**2**) = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: .05 **ft Wind (speed & direction):** SE @ 10-15 kts

AIR TEMP: 85 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 **°C/°F Column (mid-depth)** N/A **°C/°F Bottom** N/A **°C/°F**

SCREEN TYPE						
X	**Inflow screening:**	**None**	**25%**	**50%**	**75%**	(**100%**)
___	**Overflow screening:**	**None**	**25%**	**50%**	**75%**	**100%**
___	**Other screening:**	**None**	**25%**	**50%**	**75%**	**100%**

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab 1 Blue Crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: **Unknown** **Loggerhead** **Green** **Kemp's ridley** **Hawksbill** **Leatherback**

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardin **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardin

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 473 **LOAD start date:** 8·18·06 **Times (24hrs): Start** 0457 **End** 0604

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	**3** = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: .05 **ft** **Wind (speed & direction):** S @ 10-15 KTS.

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hilder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hilder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 474 **LOAD start date:** 8·18·06 **Times (24hrs): Start** 0645 **End** 0810

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(0) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .025 **ft** **Wind (speed & direction):** S @ 5-10 KTS.

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 475 **LOAD start date:** 8.18.06 **Times (24hrs): Start** 0839 **End** 1016

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SE 5-10 kts.

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 476 **LOAD start date:** 8-18-06 **Times (24hrs): Start** 1046 **End** 1205

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: Mud

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** E 10-15 Kts

AIR TEMP: 92 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, DEBRIS, WOOD

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab (1) BLUE CRAB- CLAW ONLY

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harder / Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder / C. L

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 477 **LOAD start date:** 18AU606 **Times (24hrs): Start** 1243 **End** 1359

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: 1.5 **ft Wind (speed & direction):** 10 SE

AIR TEMP: 93 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: GRASS, TRASH, DEBRIS, STEEL TOE RUBBER BOOT

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature CL

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 478 **LOAD start date:** 18AUG06 **Times (24hrs): Start** 1442 **End** 1531

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** 7 SE

AIR TEMP: 90 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: GRASS, TRASH, WOOD

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: CHARLOTTE LANDING **Observer firm** EAST COAST OBSERVERS

Observer signature CL

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 479 **LOAD start date:** 18 AUG 06 **Times (24hrs): Start** 1617 **End** 1703

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLOUDY – STORM MOVING THRU

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	**3** = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 10 S

AIR TEMP: 89 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C /(F) **Column (mid-depth)** N/A °C /°F **Bottom** N/A °C /°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: GRASS, TRASH, DEBRIS, ALUMINUM

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Canning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L. C

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 480 **LOAD start date:** 18AU606 **Times (24hrs): Start** 1754 **End** 1859

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLOUDY - LT. RAIN

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2.5 **ft** **Wind (speed & direction):** 5-10 SE

AIR TEMP: 84 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: GRASS, TRASH, DEBRIS, FISHING LINE, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** Ø
- **Shark (any species)**
- **Horseshoe crab**
- **Blue crab**

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 481 **LOAD start date:** 18AUG06 **Times (24hrs): Start** 1937 **End** 2042

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: PARTY CLOUDY

Tidal stage (CIRCLE ONE): (Slack) **Rising High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** S/SE 5-10

AIR TEMP: 86 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: GRASS, TRASH, DEBRIS, WOOD, PLASTIC

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: CHARLOTTE Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature CL

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 482 **LOAD start date:** 18 AUG 06 **Times (24hrs): Start** 2117 **End** 2222

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft** **Wind (speed & direction):** 10 E

AIR TEMP: 85 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: GRASS, TRASH, ROPE, FISHING LINE, PLASTIC

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Chaneous Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA **CONTRACT:** W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 19AUG06 **Load #s:** 483 - 496 **Areas dredge worked:** 16 +00 → 186 +00

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 81-98 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

Condition of deflector: GOOD **Condition of screening:** GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

- MATERIAL DREDGED: MUD
- Screen Contents: MUD, GRASS, TRASH, ALUMINUM, PLASTIC, WOOD, ROPE, FISHING LINE, SHOE, PLASTIC PIPE
- NO BIOLOGICAL BYCATCH
- NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES
- OTHER COMMENTS: - 2 HR DELAY TO Replace COOLANT PUMP AFTER LOAD 494
  - 45 MIN DELAY TO CONTINUE REPAIRS ON HYDRALIC COOLANT PUMP AFTER LOAD 495

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1735	DOLPHIN	3 / 5	BOUY 34
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	

Observer name CHARLOTTE LANNING **Observer Firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 483 **LOAD start date:** 18 AUG 06 **Times (24hrs): Start** 2254 **End** 2355 (8-19-0

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	**3** = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
(0) 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** SW 5-10 kts.

AIR TEMP: 85 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: C. Lanning / M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature C. Lanning / M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 484 **LOAD start date:** 8-19-06 **Times (24hrs): Start** 0033 **End** 0123

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	**3** = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** SE 5-10 kts.

AIR TEMP: 81 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** NA °C/°F **Bottom** NA °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Harden **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harden

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 485 **LOAD start date:** 8-19-06 **Times (24hrs): Start** 0154 **End** 0252

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	**3** = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
(**1**) 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** S @ 5-10 KTS

AIR TEMP: .81 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** NA °C/°F **Bottom** NA °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hall **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hall

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 486 **LOAD start date:** 8-19-06 **Times (24hrs): Start** 0329 **End** 0422

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): (Slack) **Rising High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	**3** = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
(**1**) = 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: .025 ft **Wind (speed & direction):** SE 5-10 kts

AIR TEMP: 81 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** Na °C/°F **Bottom** Na °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: M Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 487 **LOAD start date:** 8·19·06 **Times (24hrs): Start** 0509 **End** 0612

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: clear To Pcloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	**3** = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** S @ 5-10 kts

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** NA °C/°F **Bottom** NA °C/°F

SCREEN TYPE

X **Inflow screening:**	None	25%	50%	75%	(100%)
___ **Overflow screening:**	None	25%	50%	75%	100%
___ **Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Haider **Observer firm** EAST COAST OBSERVERS

Observer signature M. Haider

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 488 **LOAD start date:** 8-19-06 **Times (24hrs): Start** 0743 **End** 0851

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** ESE @ 15-20 KTS

AIR TEMP: 85 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 **°C/°F Column (mid-depth)** N/A **°C/°F Bottom** N/A **°C/°F**

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 489 **LOAD start date:** 8-19-06 **Times (24hrs): Start** 0925 **End** 1030

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: mud

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	**3** = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** E.SE @ 10-15 KTS

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** ~< °C/°F **Bottom** ~< °C/°F

SCREEN TYPE

X **Inflow screening:**	None	25%	50%	75%	100%
___ **Overflow screening:**	None	25%	50%	75%	100%
___ **Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Hardin **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardin

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 490 **LOAD start date:** 8.11.06 **Times (24hrs): Start** 1105 **End** 1203

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: Mud

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	**3** = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
(1) 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** E.SE.@ 5-10 KTS

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** Na °C/°F **Bottom** Na °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, DEBRIS, PLASTIC, ROPE, ALUMINUM

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardy / Christopher Canning **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy / C. C

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 491 **LOAD start date:** 19AUG06 **Times (24hrs): Start** 1242 **End** 1335

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: 1.5 **ft Wind (speed & direction):** 10-12 SE

AIR TEMP: 92 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, DEBRIS, PLASTIC, ROPE, ALUMINUM

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: CHARLOTTE Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 492 **LOAD start date:** 19AUG06 **Times (24hrs): Start** 1410 **End** 1511

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** 5 S/SE

AIR TEMP: 95 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, PLASTIC, ALUMINUM

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: CHARLOTTE LANNING **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 493 **LOAD start date:** 19AUG06 **Times (24hrs): Start** 1547 **End** 1642

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** 5 S

AIR TEMP: 98 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, PLASTIC Pipe, Shoe, Aluminum

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% (100%)

Observer's name: CHARLOTTE LANDING **Observer firm** EAST COAST OBSERVERS

Observer signature C.L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 494 **LOAD start date:** 19AUG06 **Times (24hrs): Start** 1721 **End** 1816

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** 5 S

AIR TEMP: 91 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, ROPE, ALUMINUM, PLASTIC, WOOD

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: 5 DOLPHINS - Portside - Buoy 34 - 1735-1805 approx.

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Canning **Observer firm** EAST COAST OBSERVERS

Observer signature C. Canning

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 495 **LOAD start date:** 19 AUG 06 **Times (24hrs): Start** 2014 **End** 2119

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** 5 S

AIR TEMP: 86 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: GRASS, TRASH, Debris, WOOD, PLASTIC, ALUMINUM

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Approx. 2 hr. delay between loads due to replacement of coolant pump

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 496 **LOAD start date:** 19AUG06 **Times (24hrs): Start** 2238 **End** 2339

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** 5 S

AIR TEMP: 85 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: GRASS, MUD, TRASH, ROPE, PLASTIC, ALUMINUM, FISHING LINE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: 45 MIN DELAY AFTER LOAD 495 TO WORK ON HYDRALIC COOLANT PUMP... AGAIN

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Canning **Observer firm** EAST COAST OBSERVERS

Observer signature C. C

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

USACE DISTRICT: NEW ORLEANS, LA **CONTRACT:** W912P8-05-D-0005 Task Order 3
PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA
Dates: 17 AUG 06 - 19 AUG 06 **Load #s:** 462 – 496

Areas dredge worked: COE STATIONS 16+00 → 186+00

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? N/A

Comments:

- MATERIAL DREDGED: MUD
- Screen Contents: GRASS, TRASH, MUD, DEBRIS, PLASTIC, ALUMINUM, WOOD, ROPE, FISHING LINE, PLASTIC PIPE, SHOE
- BIOLOGICAL BYCATCH: (1) CATFISH APPROX. 15", (1) BLUE CRAB, (1) BLUE CRAB CLAW
- NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES.
- OTHER COMMENTS:

17AUG 06 – 2 HR DELAY BETWEEN LOAD 462 & 463 DUE TO BELT PROB.

19 AUG 06 – 2 HR DELAY TO REPLACE COOLANT PUMP AFTER LOAD 494

19 AUG 06 – 45 MIN DELAY TO WORK ON HYDRALIC COOLANT PUMP AFTER LOAD 495

BRIDGE WATCH SUMMARY

Date/Time	Species	# Sightings/# Animals	Location/Comments
19AUG06/1735	DOLPHIN	3 / 5	BOUY 34
		/	
		/	
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		/	
		/	

Observer name CHARLOTTE LANNING **Observer Firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 497 **LOAD start date:** 8-20-06 **Times (24hrs): Start** 0158 **End** 0249

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SE 5 Kts

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: 2 HR DELAY AFTER LOAD 496 TO CONTINUE REPAIRS ON THE HYDRALIC COOLANT PUMP

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harden **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harden

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 498 **LOAD start date:** 8·20·06 **Times (24hrs): Start** 0322 **End** 0417

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: ~~m~~ P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** SE 5 KTS

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** Na °C/°F **Bottom** Na °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** 0
- **Shark (any species)** 0
- **Horseshoe crab** 0
- **Blue crab** 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Hardin **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardin

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 499 **LOAD start date:** 8-30-06 **Times (24hrs): Start** 0449 **End** 0541

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): (Slack) **Rising** **High** **Falling** **Low** **Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** 5 @ 5 NE

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% (100%)

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 500 **LOAD start date:** 8-20-06 **Times (24hrs): Start** 0620 **End** 0720

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** SE 5 kts.

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Hall **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hall

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 501 **LOAD start date:** 8-2006 **Times (24hrs): Start** 0758 **End** 0858

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** S @ 5 kts

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harden **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harden

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 502 **LOAD start date:** 8·20·06 **Times (24hrs): Start** 0938 **End** 1038

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): (Slack) **Rising High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SE 5 K/S

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% (100%)

Observer's name: M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 503 **LOAD start date:** 8-20-06 **Times (24hrs): Start** 1108 **End** 1215

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SE 5-10 Kts

AIR TEMP: 93 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, ALUMINUM, PLASTIC, WOOD, RUBBER, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardill / C. Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardill / C. Lanning

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 504 **LOAD start date:** 20AUG06 **Times (24hrs): Start** 1245 **End** 1345

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** 5 S/SE

AIR TEMP: 95 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, ALUMINUM

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: (1) CATFISH - APPROX 13"

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 505 **LOAD start date:** 20 AUG 06 **Times (24hrs): Start** 1420 **End** 1521

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1.0 **ft Wind (speed & direction):** 5-10 S

AIR TEMP: 94 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, PLASTIC, ROPE, FISHING RIGS

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 506 **LOAD start date:** 20 AUG 06 **Times (24hrs): Start** 1558 **End** 1654

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1.5 **ft Wind (speed & direction):** 5-10 S

AIR TEMP: 88 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, ROPE, PLASTIC, ALUMINUM, SHOE, RUBBER

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___
Shark (any species) ___
Horseshoe crab ___
Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: (1) unid. vertebrae - old -

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Canning **Observer firm** EAST COAST OBSERVERS

Observer signature C. Canning

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 507 **LOAD start date:** 20 AUG 06 **Times (24hrs): Start** 1721 **End** 1821

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1.5 **ft** **Wind (speed & direction):** 10-15 S/SE

AIR TEMP: 96 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X **Inflow screening:**	None	25%	50%	75%	100%
___ **Overflow screening:**	None	25%	50%	75%	100%
___ **Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Canning **Observer firm** EAST COAST OBSERVERS

Observer signature C C

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 508 **LOAD start date:** 20 AUG 06 **Times (24hrs): Start** 1854 **End** 1954

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1.5 **ft** **Wind (speed & direction):** 10-15 S/SE

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, DEBRIS, ALUMINUM, PLASTIC, WOOD

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- Sturgeon (any species) ___
- Shark (any species) ___
- Horseshoe crab ___
- Blue crab ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 509 **LOAD start date:** 20AUG06 **Times (24hrs): Start** 2032 **End** 2132

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1-5 **ft Wind (speed & direction):** 10 S/SE

AIR TEMP: 88 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, DEBRIS, WOOD, PLASTIC, ALUMINUM, Rope, Netting

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Canning **Observer firm** EAST COAST OBSERVERS

Observer signature C. Canning

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 510 **LOAD start date:** 20 AUG06 **Times (24hrs): Start** 2210 **End** 2310

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLEAR

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1.5 **ft** **Wind (speed & direction):** 10 S/SE

AIR TEMP: 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, PLASTIC, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___
Shark (any species) ___
Horseshoe crab ___
Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: (1) Shrimp

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C L

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA **CONTRACT:** W912P8-05-D-0005 Task Order 3
PROJECT NAME: CALASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA
DREDGE FIRM: B+B DREDGING

Date: 21 AUG 06 **Load #s:** 511 – 525 **Areas dredge worked:** 16+00 → 186+00

Beaufort Sea State: 0 (1 2 3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 86-96 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

Condition of deflector: GOOD **Condition of screening:** GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

- MATERIAL DREDGED: MUD
- SCREEN CONTENTS: MUD, TRASH, GRASS, DEBRIS, ALUMINUM, PLASTIC, ROPE, FISHING LINE, Netting, Rubber, WOOD, Shocs,
- BIOLOGICAL BYCATCH: (1) BLUE CRAB
- NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1515	Bottlenose Dolphin	4 / 3	BOUY 40
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	

Observer name CHARLOTTE Lanning **Observer Firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 511 **LOAD start date:** 20 (20) AUG 06 **Times (24hrs): Start** 2345 **End** 0042 (8-21-06)

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: MOSTLY CLEAR

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** 5 @ 10 kts

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Clanning / M. Hurdle **Observer firm** EAST COAST OBSERVERS

Observer signature CC / M. Hurdle

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 512 **LOAD start date:** 8·21·06 **Times (24hrs): Start** 0116 **End** 0215

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SE 5-10 kts

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% (100%)

Observer's name: M. Hedger **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hedger

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 513 **LOAD start date:** 8-21-06 **Times (24hrs): Start** 0245 **End** 0336

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** S @ 5-10 kts

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardee **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardee

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 514 **LOAD start date:** 8-21-06 **Times (24hrs): Start** 0414 **End** 0511

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SE 10-15

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, Trash, grass, plastic, rope

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardee **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardee

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 515 **LOAD start date:** 8-21-06 **Times (24hrs): Start** 0600 **End** 0700

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** S @ 10-14S

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	(100%)
___	Overflow screening:	None	25%	50%	75%	100%
___	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 516 **LOAD start date:** 8-21-06 **Times (24hrs): Start** 0736 **End** 0836

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SE 5-10 kts

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, nets

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harden **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harden

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 517 **LOAD start date:** 8-21-06 **Times (24hrs): Start** 0908 **End** 1008

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** E@5-10 kts

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X **Inflow screening:**	None	25%	50%	75%	(100%)
___ **Overflow screening:**	None	25%	50%	75%	100%
___ **Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, rope

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 518 **LOAD start date:** 8-21-06 **Times (24hrs): Start** 1044 **End** 1148

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** E @ 5-10 KTS.

AIR TEMP: 93 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, WOOD, ROPE, FISHING NET, ROPE, FISHING LINE, ALUMINUM, PLASTIC

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hicks / C. Canning **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hicks / CC

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 519 **LOAD start date:** 21 AUG 06 **Times (24hrs): Start** 1228 **End** 1325

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** 10 S

AIR TEMP: 95 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, ALUMINUM, PLASTIC, ROPE, WOOD

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** Ø
- **Shark (any species)**
- **Horseshoe crab**
- **Blue crab**

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 520 **LOAD start date:** 21AUG06 **Times (24hrs): Start** 1357 **End** 1452

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** 10S

AIR TEMP: 93 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, ALUMINUM, PLASTIC, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: 3 BOTTLENOSE DOLPHIN - 1515 - BOUY 40

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% (100%)

Observer's name: Charlotte Canning **Observer firm** EAST COAST OBSERVERS

Observer signature C. Canning

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 521 **LOAD start date:** 21AUG06 **Times (24hrs): Start** 1530 **End** 1623

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** 10 S

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: GRASS, TRASH, DEBRIS, PLASTIC, WOOD, NETTING, ROPE, AMER. FLAG, RUBBER, BUCKET

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- Sturgeon (any species) ___
- Shark (any species) ___
- Horseshoe crab ___
- Blue crab ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: CHARLOTTE Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 522 **LOAD start date:** 21AUG06 **Times (24hrs): Start** 1701 **End** 1801

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** S S

AIR TEMP: 96 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) Column (mid-depth) N/A °C/°F Bottom N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: GRASS, TRASH, DEBRIS, WOOD, PLASTIC, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 523 **LOAD start date:** 21 AUG 06 **Times (24hrs): Start** 1837 **End** 1937

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** 5-10 SW

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F Column (mid-depth) N/A °C/°F Bottom N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, DEBRIS, ALUMINUM, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- Sturgeon (any species) 0
- Shark (any species)
- Horseshoe crab
- Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: CHARLOTTE Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 524 **LOAD start date:** 21 AUG 06 **Times (24hrs): Start** 2008 **End** 2108

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: PARTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** 5-10 SW

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS DEBRIS, WOOD, ALUMINUM, PLASTIC, ROPE, FISHING LINE, SHOE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature CL

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 525 **LOAD start date:** 21AUG06 **Times (24hrs): Start** 2142 **End** 2242

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of draglheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: PARTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: / **ft** **Wind (speed & direction):** 5-10 SW

AIR TEMP: 97 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, PLASTIC, NETTING, ROPE, RUBBER, WOOD, ALUMINUM

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) NONE

Shark (any species) ↓

Horseshoe crab

Blue crab (1) BLUE CRAB

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 22 AUG 06 Load #s: 526-540 Areas dredge worked: 16+00 → 186+00

Beaufort Sea State: 0 (1 2 3 4) 5 6 7 8 9 10 11 12

AIR TEMP: 81-99 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) Column (mid-depth) N/A °C/°F Bottom N/A °C/°F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

- MATERIAL DREDGED: MUD
- SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, PLASTIC, ALUMINUM, ROPE, NETTING, METAL, PIPING, TIRE
- BIOLOGICAL BYCATCH: (1) CATFISH - 15", (1) BLUE CRAB
- NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SPECIES
- Approx. 1 hr delay between loads 537 + 538 due to repair of hydralic hose

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1440	Kemp's ridley	1 / 1	BOUY 39
Throughout day	Bottlenose Dolphin	10 / 5-15	BETWEEN BOUY'S 39 & 35

Observer name CHARLOTTE Lanning Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 526 **LOAD start date:** 21 AUG 06 **Times (24hrs): Start** 2315 **End** 0011 (8-22-0

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** SE 5-10 KTS

AIR TEMP: 87 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, metal

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: C. Canning / M. Hardee **Observer firm** EAST COAST OBSERVERS

Observer signature C. Canning / M. Hardee

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 527 **LOAD start date:** 8-22-06 **Times (24hrs): Start** 0045 **End** 0200

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SE 5-10 KTS.

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X **Inflow screening:**	None	25%	50%	75%	100%
___ **Overflow screening:**	None	25%	50%	75%	100%
___ **Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 528 **LOAD start date:** 8-22-06 **Times (24hrs): Start** 0233 **End** 0329

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** S @ 5-10 kts

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X **Inflow screening:**	None	25%	50%	75%	100%
___ **Overflow screening:**	None	25%	50%	75%	100%
___ **Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, metal, rope, plastic Fishing nets, line, clothing, wood/pipes

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

* **Observer's name:** M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 529 **LOAD start date:** 8·22·06 **Times (24hrs): Start** 0430 **End** 0520

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** SW 5·10 kts

AIR TEMP: 87 °C/°F ✓ (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F ✓ **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harley **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harley

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 530 **LOAD start date:** 8-22-06 **Times (24hrs): Start** 0601 **End** 0704

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): (Slack) **Rising** **High** **Falling** **Low** **Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SE 5-10 kts

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 72 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X **Inflow screening:**	None	25%	50%	75%	(100%)
___ **Overflow screening:**	None	25%	50%	75%	100%
___ **Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% (100%)

Observer's name: M. Harden **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harden

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 531 **LOAD start date:** 8-22-06 **Times (24hrs): Start** 0739 **End** 0839

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy, Rain

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** SE 5-10 KTS

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, grass, Trash, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- Sturgeon (any species) ___
- Shark (any species) ___
- Horseshoe crab ___
- Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 532 **LOAD start date:** 8.22.06 **Times (24hrs): Start** 0914 **End** 1014

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: overcast

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** SE 5-10 kts

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, tire, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Michelle Harber **Observer firm** EAST COAST OBSERVERS

Observer signature Michelle Harber

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 533 **LOAD start date:** 8-22-06 **Times (24hrs): Start** 1049 **End** 1155

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** E 5-10 KTS.

AIR TEMP: 93 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, NETTING, ALUMINUM, PLASTIC

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardy / C. Canning **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy / C. C

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 534 **LOAD start date:** 22 AUG 06 **Times (24hrs): Start** 1236 **End** 1332

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): (Slack) **Rising High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.25 **ft** **Wind (speed & direction):** 0-4 SE

AIR TEMP: 95 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, DEBRIS, ALUMINUM, ROPE, WOOD, PLASTIC

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: (1) CATFISH - 15"

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% (100%)

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 535 **LOAD start date:** 22 AUG 06 **Times (24hrs): Start** 1412 **End** 1505

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(**3**) = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: 0-5 **ft Wind (speed & direction):** 7 SE

AIR TEMP: 99 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	**None**	**25%**	**50%**	**75%**	(**100%**)
___	**Overflow screening:**	**None**	**25%**	**50%**	**75%**	**100%**
___	**Other screening:**	**None**	**25%**	**50%**	**75%**	**100%**

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, RUBBER, ALUMINUM, ROPE, Netting

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Kemp's Ridley sighting - 1440 - buoy 39

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 536 **LOAD start date:** 22 AUG06 **Times (24hrs): Start** 1530 **End** 1625

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	**3** = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** 5 SE

AIR TEMP: 87 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	**None**	**25%**	**50%**	**75%**	(**100%**)
___	**Overflow screening:**	**None**	**25%**	**50%**	**75%**	**100%**
___	**Other screening:**	**None**	**25%**	**50%**	**75%**	**100%**

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, PLASTIC, WOOD, ROPE, ALUMINUM

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___
Shark (any species) ___
Horseshoe crab ___
Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 537 **LOAD start date:** 22AUG06 **Times (24hrs): Start** 1708 **End** 1808

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1.0 **ft Wind (speed & direction):** 5-10 E

AIR TEMP: 86 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, BUCKET, BASKET, ROPE, FISHING LINE, ALUMINUM, PLASTIC

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) NONE
Shark (any species) ✓
Horseshoe crab ✓
Blue crab (1)

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: CHARLOTTE LANNING **Observer firm** EAST COAST OBSERVERS

Observer signature CL

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 538 **LOAD start date:** 22AUG06 **Times (24hrs): Start** 1910 **End** 2010

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1.0 **ft Wind (speed & direction):** 5-10 E

AIR TEMP: 88 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C (°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, DEBRIS, ALUMINUM PLASTIC, WOOD, ROCK

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

* Delay starting this load due to repairing of hydralic hose (1hr)

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Canning **Observer firm** EAST COAST OBSERVERS

Observer signature C C

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 539 **LOAD start date:** 22 AUG 06 **Times (24hrs): Start** 2057 **End** 2157

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: PARTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 10-15 E

AIR TEMP: 81 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, PLASTIC, ROPE, ALUMINUM, PLASTIC, NETTING

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlene Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 540 **LOAD start date:** 22 AUG 06 **Times (24hrs): Start** 2232 **End** 2332

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 10-15 E

AIR TEMP: 81 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, TIRE, ALUMINUM, ROPE, PLASTIC, CARPET

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 23 AUG 06 Load #s: 541 – 554 Areas dredge worked: 16+00 → 186+00

Beaufort Sea State: (0) (1) 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 82-96 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) Column (mid-depth) N/A °C/°F Bottom N/A °C/°F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

MATERIAL DREDGED: MUD

SCREEN CONTENTS: MUD, TRASH, GRASS, DEBRIS, WOOD, PLASTIC, ALUMINUM, ROPE, FISHING LINE, CLAY

BIOLOGICAL BYCATCH: (1) CATFISH 12", (1) BLUE CRAB

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	

Observer name Charlotte Canning Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 541 **LOAD start date:** 8-23-06 **Times (24hrs): Start** 0013 **End** 0110

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: mud

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** SE 5-10 kts.

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C/°F **Column (mid-depth)** NA °C/°F **Bottom** NA °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 542 **LOAD start date:** 8-23-06 **Times (24hrs): Start** 0147 **End** 0238

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SW 5-10kts

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** Na °C/°F **Bottom** Na °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, Trash, grass, metal

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 543 **LOAD start date:** 8-23-06 **Times (24hrs): Start** 0317 **End** 0414

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** SE 5-10 kts

AIR TEMP: 82 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 **°C/°F Column (mid-depth)** Na **°C/°F Bottom** Na **°C/°F**

SCREEN TYPE

X **Inflow screening:**	None	25%	50%	75%	100%
___ **Overflow screening:**	None	25%	50%	75%	100%
___ **Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, net

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Haider **Observer firm** EAST COAST OBSERVERS

Observer signature M. Haider

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 544 **LOAD start date:** 8-23-06 **Times (24hrs): Start** 0451 **End** 0543 *

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SE 5-10 kts

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** NA °C/°F **Bottom** NA °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, rope, metal

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 545 **LOAD start date:** 8-23-06 **Times (24hrs): Start** 0610 **End** 0723

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: P.Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 25 **ft** **Wind (speed & direction):** SE 5-10 Kts

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** NA °C/°F **Bottom** NA °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, plastic, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: 0610 Drag arm pump down. 0630 started back up.

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: M. Hardee **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardee

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 546 **LOAD start date:** 8-23-06 **Times (24hrs): Start** 0757 **End** 0857

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Dark Rain clouds, Thunderstorms

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** variable SW 5-10 kts

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** Na °C/°F **Bottom** Na °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, wood, plastic, metal, nets, line.

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Hydraulic leak, on stand by

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Harden **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harden

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 547 **LOAD start date:** 8-23-06 **Times (24hrs): Start** 0957 **End** 1057

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: p. cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** E @ 5-10 kts

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** NA °C/°F **Bottom** NA °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, plastic, rope, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø

Shark (any species) Ø

Horseshoe crab Ø

Blue crab 1 Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harden **Observer firm** EAST COAST OBSERVERS

Observer signature M Harden

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 548 **LOAD start date:** 23 AUG 06 **Times (24hrs): Start** 1155 **End** 1345

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: Mud

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** 4 S/SW

AIR TEMP: 90 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, WOOD, ALUMINUM, PLASTIC, NETING, FISHING LINE, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: CHARLOTTE Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 549 **LOAD start date:** 23AUG06 **Times (24hrs): Start** 1443 **End** 1542

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: Mud

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** 4 S/SW

AIR TEMP: 96 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, ALUMINUM, PLASTIC, ROPE, NETTING

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 550 **LOAD start date:** 23 AUG 06 **Times (24hrs): Start** 1617 **End** 1715

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.25 ft **Wind (speed & direction):** 0-5 SW

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, PLASTIC, ALUMINUM, ROPE, WOOD, CLAY BALLS

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 551 **LOAD start date:** 23 AUG 06 **Times (24hrs): Start** 1749 **End** 1849

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.25 **ft** **Wind (speed & direction):** 0-5 W

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, PLASTIC, ALUMINUM

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C L

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 552 **LOAD start date:** 23 AUG 06 **Times (24hrs): Start** 1918 **End** 2018

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.25 **ft** **Wind (speed & direction):** 0-5 W

AIR TEMP: 86 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, DEBRIS, ALUMINUM, WOOD, PLASTIC

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___
Shark (any species) ___
Horseshoe crab ___
Blue crab ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: CHARLOTTE LANNING **Observer firm** EAST COAST OBSERVERS

Observer signature C. Lanning

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 553 **LOAD start date:** 23AUG06 **Times (24hrs): Start** 2049 **End** 2149

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.25 **ft Wind (speed & direction):** 0-5 W

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, DEBRIS, PLASTIC, WOOD, ALUMINUM, ROPE, FISHING LINE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___
Shark (any species) ___
Horseshoe crab ___
Blue crab ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: (1) CATFISH 12"

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.25 **ft Wind (speed & direction):** 0-5W

AIR TEMP: ___ °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C (F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, PLASTIC, WOOD, ALUMINUM

STARBOARD SCREEN CONTENTS: N/A

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 24 Aug 06 Load #s: 555-568 Areas dredge worked: 16+00 → 186+00

Beaufort Sea State: 0 (1 2 3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 85-94 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) Column (mid-depth) N/A °C/°F Bottom N/A °C/°F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

- MATERIAL DREDGED: MUD
- SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, ALUMINUM, NETTING PLASTIC, WOOD, ROPE, FISHING LINE, RUBBER
- NO BIOLOGICAL BYCATCH
- DOWN FOR APPROX. 2 hrs for repairs - 1500 - 1700 between loads 564-565

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
Through-out day	Bottknose Dolphin	10 / 4-8	16+00 → 186+00
		/	
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		/	
		/	

Observer name CHARLOTTE Canning Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 555 **LOAD start date:** 24AUG06 **Times (24hrs): Start** 0000 **End** 0053

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** S @ 5-10 kts

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, Trash, grass, plastic, wood, rope, net.

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: M. Harden **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harden

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 556 **LOAD start date:** 8-24-06 **Times (24hrs): Start** 0130 **End** 0229

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** S @ 5-10 kts

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 72 °C/°F **Column (mid-depth)** NA °C/°F **Bottom** NA °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100% ✓
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 557 **LOAD start date:** 8-24-06 **Times (24hrs): Start** 0303 **End** 0359

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: mud

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SE 5-10 kts

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** Na °C/°F **Bottom** Na °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 558 **LOAD start date:** 8-24-06 **Times (24hrs): Start** 0431 **End** 0507

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** S @ 5-10 kts

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 95 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, Plastic, metal

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Holder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Holder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 559 **LOAD start date:** 8-24-06 **Times (24hrs): Start** 0538 **End** 0648

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** S @ 5-10 KTS

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** NA °C/°F **Bottom** NA °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Hardee **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardee

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 560 **LOAD start date:** 8-24-06 **Times (24hrs): Start** 0721 **End** 0821

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Sunny

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.25 ft **Wind (speed & direction):** NW · 5-10 kts

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** Na °C/°F **Bottom** Na °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, metal, Brick

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 561 **LOAD start date:** 8-24-06 **Times (24hrs): Start** 0854 **End** 0954

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: white clouds and Sunny

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.25 ft **Wind (speed & direction):** NW 5-10 kts

AIR TEMP: 93 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** NA °C/°F **Bottom** NA °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, metal, rope

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 562 **LOAD start date:** 8.24.06 **Times (24hrs): Start** 1027 **End** 1127

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: white clouds, sunny

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** NW. 5-10 kts

AIR TEMP: 94 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** NA °C/°F **Bottom** NA °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, Trash, grass, wood, Metal

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Hailey **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hailey

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 563 **LOAD start date:** 24AUG06 **Times (24hrs): Start** 1159 **End** 1251

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** 5 S/SW

AIR TEMP: 88 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, ALUMINUM, PLASTIC, NETING

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 564 **LOAD start date:** 24AUG06 **Times (24hrs): Start** 1328 **End** 1419

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** 5 S/SW

AIR TEMP: 91 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, DEBRIS, WOOD, ALUMINUM, PLASTIC, RUBBER

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 565 **LOAD start date:** 24AUG06 **Times (24hrs): Start** 1700 **End** 1752

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1.0 **ft Wind (speed & direction):** 5-10 SW

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, ALUMINUM, PLASTIC, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Lenning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 566 **LOAD start date:** 24Aug06 **Times (24hrs): Start** 1831 **End** 1931

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft Wind (speed & direction):** 5-10 SW

AIR TEMP: 88 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, PLASTIC, GLASS, ALUMINUM, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Canning **Observer firm** EAST COAST OBSERVERS

Observer signature C. C

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 567 **LOAD start date:** 24 Aug 06 **Times (24hrs): Start** 2009 **End** 2109

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft Wind (speed & direction):** S-10 SW

AIR TEMP: 89 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, ALUMINUM, PLASTIC, Rope, Fishing Line

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 568 **LOAD start date:** 24 Aug 06 **Times (24hrs): Start** 2201 **End** 2301

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft Wind (speed & direction):** 5-10 SW

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: TRASH, GRASS, DEBRIS, PLASTIC, WOOD, ALUMINUM, NETTING, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature CL

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 25 Aug 06 Load #s: 569 – 582 Areas dredge worked: 16+00 → 186+00

Beaufort Sea State: 0 (1 2 3 4) 5 6 7 8 9 10 11 12

AIR TEMP: 80 – 89 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) Column (mid-depth) N/A °C/°F Bottom N/A °C/°F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

- MATERIAL DREDGED: MUD
- SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, ALUMINUM, PLASTIC, WOOD, NETTING, ROPE, FISHING LINE, RUBBER
- NO BIOLOGICAL BYCATCH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
Through-out day	Bottlenose Dolphin	6-8 / 4-8	16+00 → 186+00
		/	
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Observer name CHARLOTTE CANNING Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 569 **LOAD start date:** 24 Aug 06 **Times (24hrs): Start** 2336 **End** 2400 (8-25-

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P.cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SE 5-10 knts

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, Trash, grass, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Drag tender does not wash cage properly as ask to do so, several times! 3 times. Spoke w/ Captain 8-24-06, no change.

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: C. Landing / M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature C. L / M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 570 **LOAD start date:** 8-25-06 **Times (24hrs): Start** 0156 **End** 0251

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SE 5-10 KTS

AIR TEMP: 86 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Cage full of mud again!

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harter **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harter

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 571 **LOAD start date:** 8-25-06 **Times (24hrs): Start** 0340 **End** 0435

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SW @ 5-10 kts

AIR TEMP: 86 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, Trash, grass, plastic, chain, rope

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: cage and ladder leading to cage covered in mud. 35 second wash inside cage 1min scanner wash. Conditions dangerous!

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 572 **LOAD start date:** 8-25-06 **Times (24hrs): Start** 0513 **End** 0613

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy, Lightning

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** S @ 5-10 kts

AIR TEMP: 86 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C (F) **Column (mid-depth)** N/A °C / °F **Bottom** N/A °C / °F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, concrete, rope

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Cage and ladder cleaned well! no Danger. 3 min tube/cage wash, 2 min cannon wash.

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hartley **Observer firm** EAST COAST OBSERVERS

Observer signature M Hartley

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 573 **LOAD start date:** 8-25-06 **Times (24hrs): Start** 0654 **End** 0754

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** S @ 5-10 kts

AIR TEMP: 86 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, metal, Rubber

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 574 **LOAD start date:** 8-25-06 **Times (24hrs): Start** 0836 **End** 0936

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: Rain, Lightning

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft Wind (speed & direction):** E @ 10 kts

AIR TEMP: 85 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 575 **LOAD start date:** 8-25-06 **Times (24hrs): Start** 1015 **End** 1115

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: Rain

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1 =) 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** E @ 5-10 kts

AIR TEMP: 80 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, rubber tires, plastic, rope, net

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardin **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardin

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 576 **LOAD start date:** 8-25-06 **Times (24hrs): Start** 1147 **End** 1247

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: Rain

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 3.0 **ft Wind (speed & direction):** 15 S/SW

AIR TEMP: 80 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, PLASTIC, ALUMINUM, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harder / C. Cannings **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder / C. C

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 577 **LOAD start date:** 25 Aug 06 **Times (24hrs): Start** 1325 **End** 1421

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft** **Wind (speed & direction):** 10 S/SW

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash, Grass, Aluminum, Wood, Plastic, Rope

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** Ø
- **Shark (any species)**
- **Horseshoe crab**
- **Blue crab**

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 578 **LOAD start date:** 25 Aug 06 **Times (24hrs): Start** 1454 **End** 1548

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLOUDY - LT RAIN

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 12 S

AIR TEMP: 89 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, PLASTIC, ALUMINUM, NETTING

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 579 **LOAD start date:** 25 Aug 06 **Times (24hrs): Start** 1621 **End** 1703

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLOUDY W/LT RAIN

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2.5 **ft Wind (speed & direction):** 15-20 W/SW

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, ROPE, WOOD

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C L

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 580 **LOAD start date:** 25 Aug 06 **Times (24hrs): Start** 1735 **End** 1835

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2.5 **ft** **Wind (speed & direction):** 15-20 W/SW

AIR TEMP: 84 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, PLASTIC, ALUMINUM, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: CHARLOTTE LANNING **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 581 **LOAD start date:** 25 Aug 06 **Times (24hrs): Start** 1909 **End** 2009

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: PARTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft** **Wind (speed & direction):** 10-15 W/SW

AIR TEMP: 85 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, PLASTIC, ALUMINUM

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: CHARLOTTE LANNING **Observer firm** EAST COAST OBSERVERS

Observer signature C. L

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 582 **LOAD start date:** 25 Aug 06 **Times (24hrs): Start** 2053 **End** 2153

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 10-15 SW

AIR TEMP: 87 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, ROPE, PLASTIC, WOOD, ALUMINUM

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___
Shark (any species) ___
Horseshoe crab ___
Blue crab ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: CHARLOTTE LANDRY **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA **CONTRACT:** W912P8-05-D-0005 Task Order 3
PROJECT NAME: CALASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA
DREDGE FIRM: B+B DREDGING

Date: 26 Aug 06 **Load #s:** 583 - 598 **Areas dredge worked:** 16+00 → 186+00

Beaufort Sea State: 0 (1 2 3 4 5 6) 7 8 9 10 11 12

AIR TEMP: 80-87 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

Condition of deflector: GOOD **Condition of screening:** GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

- MATERIAL DREDGED: MUD
- SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, METAL, PLASTIC, WOOD, ALUMINUM, GLASS, OYSTER SHELLS, FISHING LINE, ROPE, NETTING
- NO BIOLOGICAL BYCATCH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
Through-out day	Bottlenose Dolphin	7 / 3-6	16+00 → 186+00

Observer name Charlotte Lanning **Observer Firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 583 **LOAD start date:** 25 Aug 06 **Times (24hrs): Start** 2238 **End** 2341 8-26-06

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 10-15 SW

AIR TEMP: 87 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Cage and ladder clean!

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Connin / M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 584 **LOAD start date:** 8·26·06 **Times (24hrs): Start** 0024 **End** 0111

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy Humid

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** 5 @ 10-15 Kts

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, line, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 585 **LOAD start date:** 8·26·06 **Times (24hrs): Start** 0147 **End** 0237

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft Wind (speed & direction):** S @ 10-15 KTS

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash, grass, metal, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 586 **LOAD start date:** 8-26-06 **Times (24hrs): Start** 0312 **End** 0358

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P-cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** S @ 10-15 KTS

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C (F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, wood, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 587 **LOAD start date:** 8·26·06 **Times (24hrs): Start** 0433 **End** 0523

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** S @10-15 kts

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 588 **LOAD start date:** 8-26-06 **Times (24hrs): Start** 0600 **End** 0700

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P.cloudy wind gusts 35

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** S @ 20 kts

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C (F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
	X	**Inflow screening:**	None	25%	50%	75% (100%)
	___	**Overflow screening:**	None	25%	50%	75% 100%
	___	**Other screening:**	None	25%	50%	75% 100%

PORT SCREEN CONTENTS: Mud, Trash, grass, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 589 **LOAD start date:** 8-26-06 **Times (24hrs): Start** 0732 **End** 0830

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SE 10-15 KTS

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Fish, grass, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Harden **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harden

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 590 **LOAD start date:** 8.26.06 **Times (24hrs): Start** 0909 **End** 1005

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: Rain

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .05 **ft** **Wind (speed & direction):** E @ 10-15 kts

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C (°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, Trash, grass, wood, rope, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hall **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hall

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 591 **LOAD start date:** 8·26·06 **Times (24hrs): Start** 1049 **End** 1148

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: Mud

Weather conditions: Rain, clouds

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft Wind (speed & direction):** WSW / 5 - 20 kts

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** NA °C/°F **Bottom** NA °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, CABLE, WOOD, ALUMINUM, PLASTIC

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harden / C. Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harden / CL

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 592 **LOAD start date:** 26 Aug 06 **Times (24hrs): Start** 1259 **End** 1332

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 15 S/SW

AIR TEMP: 88 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, ALUMINUM, ROPE, PLASTIC, WOOD

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature CL

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 593 **LOAD start date:** 26 Aug 06 **Times (24hrs): Start** 1406 **End** 1502

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: RAIN

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2-3 **ft** **Wind (speed & direction):** 20-25 S/SW

AIR TEMP: 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, ALUMINUM, ROPE, NETTING

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 594 **LOAD start date:** 26 Aug 06 **Times (24hrs): Start** 1534 **End** 1625

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: LIGHT RAIN

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	(4 = 11-16 knot/ 4 ft)	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2-3 **ft** **Wind (speed & direction):** 10 SW

AIR TEMP: 84 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS TRASH, DEBRIS, ALUMINUM, WOOD, PLASTIC, NETTING, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. Lanning

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 595 **LOAD start date:** 26 Aug 06 **Times (24hrs): Start** 1654 **End** 1754

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: LIGHT RAIN

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1.5 **ft Wind (speed & direction):** 5-10 SW

AIR TEMP: 81 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, METAL, ALUMINUM, PLASTIC, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C Lanning

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 596 **LOAD start date:** 26 Aug 06 **Times (24hrs): Start** 1831 **End** 1931

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1.5 **ft Wind (speed & direction):** 5-10 S

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, DEBRIS, PLASTIC, WOOD, ALUMINUM, PLASTIC, ROPE, METAL, OYSTER SHELLS

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ∅
- **Shark (any species)**
- **Horseshoe crab**
- **Blue crab**

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Canning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 597 **LOAD start date:** 26 Aug 06 **Times (24hrs): Start** 2005 **End** 2106

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: PARTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 10-15 SW

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C /°F **Column (mid-depth)** N/A °C /° F **Bottom** N/A °C /° F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, METAL, PLASTIC

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ∅
- **Shark (any species)**
- **Horseshoe crab**
- **Blue crab**

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: CHARLOTTE LANNING **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 598 **LOAD start date:** 26 Aug 06 **Times (24hrs): Start** 2142 **End** 2242

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: PARTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2 =) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1.0 **ft** **Wind (speed & direction):** VARIABLE @ 5-10

AIR TEMP: 85 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, PLASTIC, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** Ø
- **Shark (any species)**
- **Horseshoe crab**
- **Blue crab**

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% (100%)

Observer's name: CHARLOTTE Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

USACE DISTRICT: NEW ORLEANS, LA **CONTRACT:** W912P8-05-D-0005 Task Order 3
PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA
Dates: 20 Aug 06 - 26 Aug 06 **Load #s:** 497-598

Areas dredge worked: 16+00 → 186+00

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? NONE

Comments:

- MATERIAL DREDGED: MUD
- Screen Contents: MUD, GRASS, TRASH, DEBRIS, WOOD, METAL, PLASTIC, ALUMINUM, GLASS, OYSTER SHELLS, Fishing Line, Rope, Rubber, Tire
- BIOLOGICAL BY CATCH: (4) CATFISH, (3) BLUE CRAB, (1) Shrimp (1) UNID. VERTEBRAE (OLD)

BRIDGE WATCH SUMMARY

Date/Time	Species	# Sightings/# Animals	Location/Comments
20 Aug - 26 Aug	Bottlenose Dolphin	Approx. 40 / 3-15	16+00 → 186+00
22 Aug 06 / 1440	Kemp's ridley	1 / 1	Between Bouy's 39 and 35

Observer name CHARLOTTE LANDING **Observer Firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

CONTRACT: W912P8-05-D-0005 Task Order 3

USACE DISTRICT: NEW ORLEANS, LA

DREDGE NAME: COLUMBIA

PROJECT NAME: CALASIEU BAR RENTAL

DREDGE FIRM: B+B DREDGING

Areas dredge worked: 16+00 → 186+00

Date: 27 Aug 06 Load #s: 599-613

Beaufort Sea State: 0 1 (2 3 4) 5 6 7 8 9 10 11 12

(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

AIR TEMP: 85-94 °C/(F) Bottom N/A °C/°F

WATER TEMP: Surface 92 °C/(F) Column (mid-depth) N/A °C/°F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) NONE

Comments (type of material, biological specimens, unusual circumstances, etc):

- MATERIAL DREDGED: MUD
- SCREEN CONTENTS: MUD, TRASH, GRASS, DEBRIS, Rubber, ALUMINUM, WOOD, PLASTIC, ROPE, NETING, FISHINGLINE, ROCK, OYSTER SHELLS, METAL
- NO BIOLOGICAL BYCATCH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
Through-out day	Bottlenose Dolphin	7-10 / 3-6	16+00 → 186+00

Observer name CHARLOTTE LANNING

Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 599 **LOAD start date:** 26 Aug 06 **Times (24hrs): Start** 2310 **End** 2357 (8-27

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft** **Wind (speed & direction):** 15 S/SW

AIR TEMP: 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, metal

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: C. Canning / M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature C. Canning / M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 600 **LOAD start date:** 8-27-06 **Times (24hrs): Start** 0037 **End** 0108

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft** **Wind (speed & direction):** SSW @ 15 kts

AIR TEMP: 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, metal

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) 0
Shark (any species) 0
Horseshoe crab 0
Blue crab 0

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ___

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 601 **LOAD start date:** 8-27-06 **Times (24hrs): Start** 0205 **End** 0304

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** SSW @ 15 KTS

AIR TEMP: 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, rope, line

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 602 **LOAD start date:** 8·27·06 **Times (24hrs): Start** 0336 **End** 0440

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** SSW @ 15 kts

AIR TEMP: 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C (F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, rubber

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 603 **LOAD start date:** 8-27-06 **Times (24hrs): Start** 0515 **End** 0615

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** S @ 10 Kts

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, plastic, rubber, line, net

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** 1 male

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: 1 cat Fish

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 604 **LOAD start date:** 8-27-06 **Times (24hrs): Start** 0651 **End** 0751

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy, Sunny

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** WSW. 5-10 kts

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardee **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardee

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 605 **LOAD start date:** 8-27-06 **Times (24hrs): Start** 0824 **End** 0924

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Sunny

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 5 **ft** **Wind (speed & direction):** NW @ 10 kts

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75% (100%)
___	**Overflow screening:**	None	25%	50%	75% 100%
___	**Other screening:**	None	25%	50%	75% 100%

PORT SCREEN CONTENTS: Mud, Trash, grass,

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 606 **LOAD start date:** 8-27-06 **Times (24hrs): Start** 1009 **End** 1109

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** WSW @ 15 Kts

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Michelle Harden **Observer firm** EAST COAST OBSERVERS

Observer signature Michelle Harden

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 607 **LOAD start date:** 27 Aug 06 **Times (24hrs): Start** 1140 **End** 1242

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: MUD

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 10 S

AIR TEMP: 92 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, DEBRIS, LG. ROCKS, ALUMINUM, PLASTIC, WOOD

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 608 **LOAD start date:** 27 Aug 06 **Times (24hrs): Start** 1312 **End** 1412

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: PARTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 10 S/SW

AIR TEMP: 94 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH GRASS DEBRIS, WOOD, PLASTIC, ALUMINUM, METAL, GARBAGE BAGS, NETTING, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature CL

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 609 **LOAD start date:** 27 Aug 06 **Times (24hrs): Start** 1446 **End** 1546

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 3 **ft Wind (speed & direction):** 15 SW

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, PLASTIC, ROPE, ALUMINUM, NETTING

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 610 **LOAD start date:** 27 Aug 06 **Times (24hrs): Start** 1622 **End** 1722

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: MUD

Weather conditions: MOSTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 5-10 SW

AIR TEMP: 87 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, PLASTIC, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) Ø
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. Lanning

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 611 **LOAD start date:** 27 Aug 06 **Times (24hrs): Start** 1759 **End** 1859

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft** **Wind (speed & direction):** 5-10 SW

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH ~~GRASS~~ DEBRIS, PLASTIC, NETING, METAL, ALUMINUM, WOOD

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: ___ **Observer firm** EAST COAST OBSERVERS

Observer signature ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 612 **LOAD start date:** 27 Aug 06 **Times (24hrs): Start** 1931 **End** 2031

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft** **Wind (speed & direction):** 5-10 SW

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS TRASH, DEBRIS, PLASTIC, WOOD, ALUMINUM, OYSTER SHELLS, NETTING, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C.L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 613 **LOAD start date:** 27 Aug 06 **Times (24hrs): Start** 2109 **End** 2209

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: MOSTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 10-15 W/SW

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH DEBRIS, PLASTIC, WOOD, METAL, PLASTIC, ALUMINUM, ROPE, Fishing Line

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: CHARLOTTE Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA **CONTRACT:** W912P8-05-D-0005 Task Order 3
PROJECT NAME: CALASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA
DREDGE FIRM: B+B DREDGING

Date: 28 Aug 06 **Load #s:** 614 – 627 **Areas dredge worked:** 16+00 → 186+00

Beaufort Sea State: 0 1 (2 3 4) 5 6 7 8 9 10 11 12

AIR TEMP: 86–91 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

Condition of deflector: GOOD **Condition of screening:** GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) NONE

Comments (type of material, biological specimens, unusual circumstances, etc):

- MATERIAL DREDGED: MUD
- SCREEN CONTENTS: MUD, GRASS, TRASH DEBRIS, WOOD, PLASTIC, METAL, ALUMINUM, RUBBER, ROPE, FISHING LINE, Oyster Shells
- NO BIOLOGICAL BYCATCH

✱ 2 HR DELAY BETWEEN LOADS 622 & 623 for repairs

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
Through-out day	Bottlenose Dolphin	8-10 / 3-7	16+00 → 186+00
		/	
		/	
		/	
		/	
		/	
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		/	
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		/	
		/	
		/	
		/	
		/	

Observer name Charlotte Lanning **Observer Firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 614 **LOAD start date:** 27 Aug 06 **Times (24hrs): Start** 2244 **End** 2356/8 Aug

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: PARTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft Wind (speed & direction):** SE @ 10 kts

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Connie Landry / M. Hardee **Observer firm** EAST COAST OBSERVERS

Observer signature [signature] / M. Hardee

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 615 **LOAD start date:** 8-28-06 **Times (24hrs): Start** 0035 **End** 0135

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** SE @ 10 kts

AIR TEMP: 86 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, wood, net

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 6116 **LOAD start date:** 8-28-06 **Times (24hrs): Start** 0209 **End** 0312

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P.Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** SE @ 10kts

AIR TEMP: 86 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, wood, line, rubber

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 617 **LOAD start date:** 8-28-06 **Times (24hrs): Start** 0345 **End** 0445

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** SE @ 10 kts

AIR TEMP: 86 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardin **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardin

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 618 **LOAD start date:** 8-28-06 **Times (24hrs): Start** 0526 **End** 0626

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** SW 15 KTS

AIR TEMP: 86 °C (°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C (°F) **Column (mid-depth)** N/A °C / °F **Bottom** N/A °C / °F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 619 **LOAD start date:** 8-28-06 **Times (24hrs): Start** 0703 **End** 0803

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Clear

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** SE @ 10 kts.

AIR TEMP: 86 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, Trash, grass, plastic, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardin **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardin

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 620 **LOAD start date:** 8-28-06 **Times (24hrs): Start** 0856 **End** 0956

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Sunny

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft Wind (speed & direction):** SE 10kts

AIR TEMP: 89 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, Trash, grass, plastic, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 621 **LOAD start date:** 8-28-06 **Times (24hrs): Start** 1036 **End** 1140

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: mud

Weather conditions: ___

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** SE 10 KTS

AIR TEMP: 96 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C (°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, rope, plastic, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___
Shark (any species) ___
Horseshoe crab ___
Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardin **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardin

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 622 **LOAD start date:** 8-28-06 **Times (24hrs): Start** 1213 **End** 1308

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: PARTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1.5 **ft Wind (speed & direction):** 10-12 SW

AIR TEMP: 90 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, PLASTIC, METAL, ALUMINUM

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: CHARLOTTE LANNING **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 623 **LOAD start date:** 28 Aug 06 **Times (24hrs): Start** 1525 **End** 1616

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: PARTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 15 SW

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH DEBRIS WOOD, PLASTIC, ALUMINUM, Rubber, Rope, FISHING LINE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___
Shark (any species) ___
Horseshoe crab ___
Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Approx. 2 hr delay between loads 622 & 623 for repairs

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: CHARLOTTE Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 624 **LOAD start date:** 28 Aug 06 **Times (24hrs): Start** 1644 **End** 1744

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: PARTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 10-15 SW

AIR TEMP: 91 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS WOOD, PLASTIC, ALUMINUM, FISHING LINE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 625 **LOAD start date:** 28 Aug 06 **Times (24hrs): Start** 1813 **End** 1913

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: PARTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 10-15 SW

AIR TEMP: 87 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, PLASTIC, METAL, ALUMINUM, ROPE, RUBBER

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___
Shark (any species) ___
Horseshoe crab ___
Blue crab ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. C.

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 626 **LOAD start date:** 28 Aug 06 **Times (24hrs): Start** 1943 **End** 2043

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft** **Wind (speed & direction):** 10-15 SW

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, DEBRIS, METAL, PLASTIC, WOOD, Rubber, Aluminum, Rope, Netting

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature CL

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 627 **LOAD start date:** 28 Aug 06 **Times (24hrs): Start** 2126 **End** 2226

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft** **Wind (speed & direction):** 10-15 SW

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, ROPE, PLASTIC, ALUMINUM, OYSTER SHELLS, METAL, FISHING LINE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___
Shark (any species) ___
Horseshoe crab ___
Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: CHARLOTTE LANNING **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 29 Aug 06 Load #s: 628 - 640 Areas dredge worked: 16+00 → 186+00

Beaufort Sea State: 0 1 (2 3 4) 5 6 7 8 9 10 11 12

AIR TEMP: 86-95 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) Column (mid-depth) N/A °C/°F Bottom N/A °C/°F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) NONE

Comments (type of material, biological specimens, unusual circumstances, etc):

- MATERIAL DREDGED: MUD
- SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, METAL, PLASTIC, ALUMINUM, ROPE, FISHING LINE, NETING, OYSTER SHELLS
- NO BIOLOGICAL BYCATCH

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
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		/	
		/	
		/	

Observer name Charlotte Lanning Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT; NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 628 **LOAD start date:** 28 Aug 06 **Times (24hrs): Start** 2305 **End** 0010 (8-29-06)

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2 =) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft Wind (speed & direction):** SW @ 10 KTS

AIR TEMP: 89 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, Rubber, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Christopher Canning / M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature CC / M Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 629 **LOAD start date:** 8-29-06 **Times (24hrs): Start** 0049 **End** 0149

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft Wind (speed & direction):** SW @ 10 kts

AIR TEMP: 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 72 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 630 **LOAD start date:** 8·29·06 **Times (24hrs): Start** 0226 **End** 0320

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** SW @ 15 kts

AIR TEMP: 89 °C/°F ✓ (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C (°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, plastic, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 631 **LOAD start date:** 8-29-06 **Times (24hrs): Start** 0401 **End** 0510

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft Wind (speed & direction):** SW @ 10 kts

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, rubber, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Crew boat change 5:15 Am - 5:30 Am, delayed dump.

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: M. Hardee **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardee

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 632 **LOAD start date:** 8-29-06 **Times (24hrs): Start** 0616 **End** 0722

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** SW @ 10 Kts

AIR TEMP: 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, plastic, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 633 **LOAD start date:** 8-29-06 **Times (24hrs): Start** 0812 **End** 0913

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** SW @ 10 KTS

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, Trash, grass, rubber, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 634 **LOAD start date:** 8-29-06 **Times (24hrs): Start** 1002 **End** 1102

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft Wind (speed & direction):** 5 @ 10 kts

AIR TEMP: 95 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, wood, plastic

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Hardee **Observer firm** EAST COAST OBSERVERS

Observer signature M. Hardee

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 635 **LOAD start date:** 8-29-06 **Times (24hrs): Start** 1140 **End** 1243

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: P. Sunny

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft** **Wind (speed & direction):** SE 10KTS

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS WOOD, PLASTIC, ALUMINUM, METAL, ROPE, NETTING

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: M. Harder / Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder / C. Lanning

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 636 **LOAD start date:** 29 Aug 06 **Times (24hrs): Start** 1337 **End** 1445

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: MUD

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 15 SW

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS, DEBRIS, WOOD, ALUMINUM, METAL, PLASTIC, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature C. L

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 637 **LOAD start date:** 29 Aug 06 **Times (24hrs): Start** 1533 **End** 1640

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: MUD

Weather conditions: MOSTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	(4) = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** 15 SW

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C (°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, CLAY BALLS, WOOD, PLASTIC, METAL, ROPE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___
Shark (any species) ___
Horseshoe crab ___
Blue crab ___

Ø

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 638 **LOAD start date:** 29 Aug 06 **Times (24hrs): Start** 1743 **End** 1845

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: PARTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1.5 **ft Wind (speed & direction):** 5-10 SW

AIR TEMP: 92 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GRASS, TRASH, DEBRIS, WOOD, METAL, PLASTIC, ALUMINUM, NETTING, ROPE, FISHING LINE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature CL

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 639 **LOAD start date:** 29 Aug 06 **Times (24hrs): Start** 1929 **End** 2030

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1.0 **ft** **Wind (speed & direction):** 5-10 SW

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GLASS, DEBRIS WOOD METAL PLASTIC, ALUMINUM, ROPE, NETTING, OYSTER SHELLS

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Cannings **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 640 **LOAD start date:** 29 Aug 06 **Times (24hrs): Start** 2116 **End** 2212

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: PARTLY CLOUDY

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** 0-5 NW

AIR TEMP: 88 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C (°F) **Column (mid-depth)** N/A °C / °F **Bottom** N/A °C / °F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, GLASS, TRASH, DEBRIS, WOOD, ALUMINUM METAL, PLASTIC, ROPE, RUBBER, FISHING LINE, OYSTER SHELLS, CLAYBALLS

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: NONE

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Charlotte Canning **Observer firm** EAST COAST OBSERVERS

Observer signature C Canning

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA **CONTRACT:** W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 30 Aug 2006 **Load #s:** 641 - 654 **Areas dredge worked:** 16+100 → 186+100

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 95 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (F) **Column (mid-depth)** X °C / °F **Bottom** X °C / °F

Condition of deflector: good **Condition of screening:** good

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):
#642 unable to check cage + draghead due to heavy lightning

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
		/	
		/	
		/	
		/	
		/	
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		/	
		/	
		/	
		/	
		/	

Observer name Martin Garcia **Observer Firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 641 **LOAD start date:** 29 Aug 06 **Times (24hrs): Start** 2303 **End** 0013/8-30-06

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** SE 5 kts

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: mud, trash, grass, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Cameron Lanning / M. Hardy **Observer firm** EAST COAST OBSERVERS

Observer signature CL / M. Hardy

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 642 **LOAD start date:** 8-30-06 **Times (24hrs): Start** 0103 **End** 0218

Condition of screening : **Port** Na **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Na

Type of material dredged: Mud

Weather conditions: Heavy lightning and rain

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
CP = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft** **Wind (speed & direction):** SE @ 5 knts

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** Na °C/°F **Bottom** Na °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Na

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab Na

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** N/a

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: unable to check cage due to heavy lightning!

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Harley **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harley

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 643 **LOAD start date:** 8-30-06 **Times (24hrs): Start** 0255 **End** 0405

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .25 **ft Wind (speed & direction):** S @ 5 KTS

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** Na °C/°F **Bottom** Na °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, grass, Crap, Plastic, wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ___

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Heavy load; Draghead Full of debris.

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Harder **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harder

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 644 **LOAD start date:** 8·30·06 **Times (24hrs): Start** 0503 **End** 0606

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: Mud

Weather conditions: Cloudy - Lt Rain

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: .5 **ft Wind (speed & direction):** SW 5-10 kts

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** NA °C/°F **Bottom** NA °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, GRASS DEBRIS, WOOD, PLASTIC, ALUMINUM, METAL, ROPE, FISHING LINE

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: (1) CATFISH - 15"

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: M. Harden / C. Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature M. Harden / C. Lanning

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 645 **LOAD start date:** 30 Aug 06 **Times (24hrs): Start** 0700 **End** 0813

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: MUD

Weather conditions: P. CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** 5-10 S

AIR TEMP: 81 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X **Inflow screening:**	None	25%	50%	75%	100%
___ **Overflow screening:**	None	25%	50%	75%	100%
___ **Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash + Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Charlotte Lanning **Observer firm** EAST COAST OBSERVERS

Observer signature CL

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 6446 **LOAD start date:** 30 Aug 06 **Times (24hrs): Start** 0859 **End** 1003

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** 15-10 N/NE

AIR TEMP: 84.7 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash + Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 647 **LOAD start date:** 30 Aug 06 **Times (24hrs): Start** 1044 **End** 1152

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** NE 10K

AIR TEMP: 85.1 °C/F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75% 100%
___	**Overflow screening:**	None	25%	50%	75% 100%
___	**Other screening:**	None	25%	50%	75% 100%

PORT SCREEN CONTENTS: Grass / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garaza / Jeremy [illegible] **Observer firm** EAST COAST OBSERVERS

Observer signature [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 1047 **LOAD start date:** 30 August **Times (24hrs): Start** 1231 **End** 1249

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1-2 **ft Wind (speed & direction):** N/10K

AIR TEMP: 93 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (F) **Column (mid-depth)** — °C /°F **Bottom** — °C /°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash / debris / 1 hardhead catfish

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** Y

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Dragheads Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 645 **LOAD start date:** 30 Aug 06 **Times (24hrs): Start** 1440 **End** 1545

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft Wind (speed & direction):** NE 7K

AIR TEMP: 95 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/(°F) **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 650 **LOAD start date:** 30 Aug 2006 **Times (24hrs): Start** 1635 **End** 1737

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1-2 **ft** **Wind (speed & direction):** NE 7K

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** — °C/°F

SCREEN TYPE

X **Inflow screening:**	None	25%	50%	75%	100%
___ **Overflow screening:**	None	25%	50%	75%	100%
___ **Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 651 **LOAD start date:** 30 Aug 2006 **Times (24hrs): Start** 1818 **End** 1924

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** NC 6K

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 652 **LOAD start date:** 30 May 2006 **Times (24hrs): Start** 2004 **End** 2101

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 12 **ft Wind (speed & direction):** NE

AIR TEMP: 84 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (°F) **Column (mid-depth)** — °C / °F **Bottom** — °C / °F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** (✓)

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 6653 **LOAD start date:** 30 May 2006 **Times (24hrs): Start** 2140 **End** 2240

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1-2 **ft Wind (speed & direction):** NE/010

AIR TEMP: 84 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/(F) **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% (100%)

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 1654 **LOAD start date:** 30 Aug 2006 **Times (24hrs): Start** 2319 **End** 0022

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: brown

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1-2 **ft Wind (speed & direction):** NE 8K

AIR TEMP: 83 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C (°F) **Column (mid-depth)** ___ °C / °F **Bottom** ___ °C / °F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash + Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA **CONTRACT:** W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 31 Aug 2006 **Load #s:** 655-668 **Areas dredge worked:** 16+105 → 200

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

Condition of deflector: good **Condition of screening:** good

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Mud, Trash, debris

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1302	T. truncatus	2 / 6	Buoy 35-36 (open side)
1348	T. truncatus	2 / 8	Buoy 35-36 (red side)
1624	T. truncatus	1 / 2	" " (open side)
1735	T. truncatus	3 / 6	Disposal site

Observer name Martin Garza **Observer Firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 655 **LOAD start date:** 30Aug06 **Times (24hrs): Start** 0104 **End** 0204

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** N 5

AIR TEMP: 82 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/(°F) **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature Martin Garcia

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 656 **LOAD start date:** 31 Aug06 **Times (24hrs): Start** 0245 **End** 0346

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2 = 4- 6 knot/ 0.5 ft)	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** NE 7

AIR TEMP: 80 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C /°F **Column (mid-depth)** X °C /°F **Bottom** X °C /°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash + Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 657 **LOAD start date:** 31 Aug 6 **Times (24hrs): Start** 0438 **End** 0559

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** 3 N

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash + Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 658 **LOAD start date:** 31 Aug 06 **Times (24hrs): Start** 0618 **End** 0726

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** N 3

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 659 **LOAD start date:** 31 Aug 06 **Times (24hrs): Start** 0807 **End** 0902

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Hazy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2 = 4-6 knot/ 0.5 ft)	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** SW

AIR TEMP: 82 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/(°F) **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 666 **LOAD start date:** 31 Aug 06 **Times (24hrs): Start** 0951 **End** 1037

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Hazy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** 10 NE

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 6161 **LOAD start date:** 31 Aug 06 **Times (24hrs): Start** 1110 **End** 1207

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Hazy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** NE 8K

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Dragheads Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature Jennifer Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 6662 **LOAD start date:** 31 Aug 2006 **Times (24hrs): Start** 1252 **End** 1354

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: ___

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** NE @ 5K

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 92 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 6613 **LOAD start date:** 31 Aug 2006 **Times (24hrs): Start** 1432 **End** 1536

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** NE @ 5K

AIR TEMP: 83 **°C / °F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 **°C / °F** **Column (mid-depth)** — **°C / °F** **Bottom** — **°C / °F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** Y

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 6264 **LOAD start date:** 31 Aug 2006 **Times (24hrs): Start** 1613 **End** 1715

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0-1 **ft Wind (speed & direction):** NE 5K

AIR TEMP: 93 °C (°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 °C (°F) **Column (mid-depth)** — °C /° F **Bottom** — °C /° F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash / algae

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** (✓)

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 6165 **LOAD start date:** 31 Aug 2006 **Times (24hrs): Start** 1754 **End** 1854

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2 =) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft Wind (speed & direction):** NE @ 10K

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 °C (°F) **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% (100%)

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 6666 **LOAD start date:** 31 May 2006 **Times (24hrs): Start** 1922 **End** 2022

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** NE 5K

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 6667 **LOAD start date:** 31 Aug 2006 **Times (24hrs): Start** 2102 **End** 2202

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** NE 6K

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE

X **Inflow screening:**	None	25%	50%	75%	(100%)
___ **Overflow screening:**	None	25%	50%	75%	100%
___ **Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% (100%)

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 66Y **LOAD start date:** 31 Aug 2006 **Times (24hrs): Start** 2236 **End** 2234

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** NE Clk

AIR TEMP: 82 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 °C/(°F) **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash/ debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** (✓)

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 1 Sep 06 Load #s: 669 - 683 Areas dredge worked: 16 + 105, 7 200

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/(F) Column (mid-depth) X °C/°F Bottom X °C/°F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc): Mud, Debris, Trash, Tires, Driftwood

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0740	T.T.	1 / 2	Green Bouy #33
1030	T.T	1 / 1	Green Bouy #35
1140	T.T.	10+ / 6+	Green Bouy #35
1601	T. truncatus	1 / 4	Bouy 35
1620	T. truncatus	2 / 6	Bouy 35
1810	T. truncatus	1 / 3	Disposal site

Observer name [signature] Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 469 **LOAD start date:** 1 SEP 06 **Times (24hrs): Start** 0011 **End** 0114

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash, Debris, Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature Martin Garcia

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 670 **LOAD start date:** 1 Sep 06 **Times (24hrs): Start** 0201 **End** 0308

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2 =) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C / °F **Column (mid-depth)** X °C / °F **Bottom** X °C / °F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Debris, Driftwood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 671 **LOAD start date:** 15 Sep 06 **Times (24hrs): Start** 0400 **End** 0515

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1-3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2 = 4- 6 knot/ 0.5 ft)	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 82 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/(°F) **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash, Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ✓
- **Shark (any species)** ✓
- **Horseshoe crab** ✓
- **Blue crab** ✓

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Green **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 672 **LOAD start date:** 1 Sep 06 **Times (24hrs): Start** 0553 **End** 0653

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Gogan **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 673 **LOAD start date:** 1 Sep 06 **Times (24hrs): Start** 0729 **End** 0827

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2 =) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 82 °C (°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C / (°F) **Column (mid-depth)** X °C / °F **Bottom** X °C / °F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Debris, Tire Pieces

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature Martin Garcia

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 674 **LOAD start date:** 1 Sep 06 **Times (24hrs): Start** 0907 **End** 1007

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Hazy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 89 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ✓
- **Shark (any species)** ✓
- **Horseshoe crab** ✓
- **Blue crab** ✓

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 675 **LOAD start date:** 1 SEP 06 **Times (24hrs): Start** 1039 **End** 1139

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: Mud

Weather conditions: Hazy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 85 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/(°F) **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: DEBRIS

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 676 **LOAD start date:** 1 Sept 2006 **Times (24hrs): Start** 1213 **End** 1313

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** E @ 5K

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 677 **LOAD start date:** [illegible] 2006 **Times (24hrs): Start** 1353 **End** 1455

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** E 25K

AIR TEMP: 63 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 678 **LOAD start date:** 1 Sept 2006 **Times (24hrs): Start** 1528 **End** 1627

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling (Low) Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** E 5K

AIR TEMP: 87 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 °C/(°F) **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / algae

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** (✓)

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 679 **LOAD start date:** 1 Sept 2006 **Times (24hrs): Start** 1700 **End** 1700

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** E 6 kt

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 680 **LOAD start date:** 15 Sept 2006 **Times (24hrs): Start** 1833 **End** 1837

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** ESE 5K

AIR TEMP: 88 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 °C/(°F) **Column (mid-depth)** — °C / °F **Bottom** — °C / °F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 681 **LOAD start date:** 1 Sept 06 **Times (24hrs): Start** 2005 **End** 2106

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** E 7K

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash/debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 6&2 **LOAD start date:** 1 Sept 2006 **Times (24hrs): Start** 2139 **End** 2239

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft Wind (speed & direction):** E c lot

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 91 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature Jennifer Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 183 **LOAD start date:** 1 Sept 2006 **Times (24hrs): Start** 2327 **End** 0027

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Sparsely Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft Wind (speed & direction):** NE @ 5K

AIR TEMP: 84 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/(°F) **Column (mid-depth)** ___ °C /° F **Bottom** ___ °C /° F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Martha Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature Martha Garcia

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 2 Sept. 06 Load #s: 684 - 697 Areas dredge worked: 16+105 → 200

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 82 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) Column (mid-depth) X °C/°F Bottom X °C/°F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Mud, Trash, Debris, Driftwood

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
0805	T.T.	3 / 2+	Red Buoy 35
0855	T.T.	4 / 4	Green Buoy 35
1255	T. truncatus	1 / 8	Red Buoy 35
1320	T. truncatus	1 / 10	Buoy 35/36
1610	T. truncatus	2 / 6	Disposal Site
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	

Observer name [signature] Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 684 **LOAD start date:** 25Sep06 **Times (24hrs): Start** 0056 **End** 0155

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Shell.

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Gauer **Observer firm** EAST COAST OBSERVERS

Observer signature ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 685 **LOAD start date:** 25 Sep 06 **Times (24hrs): Start** 0242 **End** 0342

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** ___

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/(°F) **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash, Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 686 **LOAD start date:** 2Sept06 **Times (24hrs): Start** 0421 **End** 0575

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) **(CIRCLE ONE)**

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 681 **LOAD start date:** 2 Sept 06 **Times (24hrs): Start** 0541 **End** 0641

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Hazy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** X

AIR TEMP: 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Mark Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 688 **LOAD start date:** 25 Sep. 06 **Times (24hrs): Start** 0718 **End** 0809

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Muck

Weather conditions: Hazy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.2 **ft** **Wind (speed & direction):** ___

AIR TEMP: 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Limbs, Seagrass, Clam

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 689 **LOAD start date:** 2Sept06 **Times (24hrs): Start** ~~1244~~ 0839 **End** ~~1319~~ 0920

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Hazy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** EC 5K

AIR TEMP: ~~80~~ 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 89 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris / Sargassum

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia / Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 690 **LOAD start date:** 2 Sept 2006 **Times (24hrs): Start** ~~1411~~ 1304 **End** ~~1457~~ 1319

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft Wind (speed & direction):** ECSR

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: trash/debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 641 **LOAD start date:** 24 April 2006 **Times (24hrs):** **Start** ~~1535~~ 1416 **End** ~~1627~~ 1457

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** E 6 kt

AIR TEMP: 93 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	~~100%~~
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- Sturgeon (any species) —
- Shark (any species) —
- Horseshoe crab —
- Blue crab —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% (100%)

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 682 **LOAD start date:** 25 Sept 06 **Times (24hrs): Start** 1539 **End** 1627

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** E 5K

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 693 **LOAD start date:** 2 Sept 2006 **Times (24hrs): Start** 1704 **End** 1757

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** EC 7

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Fish / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 694 **LOAD start date:** 2 September **Times (24hrs): Start** 1831 **End** 1921

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	**3** = 7-10 knot/ 2 ft	**6** = 22-27 knot/10 ft	**9** = 41-47 knot/23 ft	**12** = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	**4** = 11-16 knot/ 4 ft	**7** = 28-33 knot/14 ft	**10** = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	**5** = 17-21 knot/ 6 ft	**8** = 34-40 knot/18 ft	**11** = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** E 5K

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 695 **LOAD start date:** 2 Sept 2006 **Times (24hrs): Start** 1956 **End** 2007

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2-3 **ft Wind (speed & direction):** ENE 15K

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 694 **LOAD start date:** 22 Sept 2006 **Times (24hrs): Start** 2123 **End** 2214

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: sand

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** ENE 12

AIR TEMP: 86 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/(F) **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 697 **LOAD start date:** 25 September **Times (24hrs): Start** 2251 **End** 2336

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** Bnc SD

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 90 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE

X **Inflow screening:**	None	25%	50%	75%	100%
___ **Overflow screening:**	None	25%	50%	75%	100%
___ **Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J Scott

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 3 Sept 06 Load #s: 698 - 709 Areas dredge worked: _____

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 83 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) Column (mid-depth) X °C/°F Bottom X °C/°F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc): _____

X

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
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		/	

Observer name [signature] Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 698 **LOAD start date:** 3Sept06 **Times (24hrs): Start** 0039 **End** 0126

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 82 °C (°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C (°F) **Column (mid-depth)** X °C /°F **Bottom** X °C /°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Net, Debris, Limbs, Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species) X
Horseshoe crab X
Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature Martin Garcia

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 699 **LOAD start date:** 3Sep06 **Times (24hrs): Start** 0208 **End** 0255

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2 = 4- 6 knot/ 0.5 ft)	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 82 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °(C)/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Rebar, Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species) X
Horseshoe crab X
Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 766 **LOAD start date:** 3 Sept. 06 **Times (24hrs): Start** 0350 **End** 0757

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 82 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Debris, Trash, Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 701 **LOAD start date:** 3Sept06 **Times (24hrs): Start** 0531 **End** 0619

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Driftwood, Debris.

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)**
- **Horseshoe crab**
- **Blue crab**

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Gagnin **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 702 **LOAD start date:** 3 Sept 06 **Times (24hrs): Start** 0657 **End** 0744

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.8 **ft Wind (speed & direction):** ___

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F – 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Debris / Trash, Mud

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 703 **LOAD start date:** 3Sept.06 **Times (24hrs): Start** 0827 **End** 0904

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Debris, Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 704 **LOAD start date:** 3SEP06 **Times (24hrs): Start** 0944 **End** 1026

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: HAZY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2 =) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** NE 6K

AIR TEMP: 80 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Algae

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia / J. Scott **Observer firm** EAST COAST OBSERVERS

Observer signature [signature] / [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 705 **LOAD start date:** 3 Sept 2006 **Times (24hrs): Start** 1056 **End** 1141

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** NE @ 5K

AIR TEMP: 91 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75% 100%
	Overflow screening:	None	25%	50%	75% 100%
	Other screening:	None	25%	50%	75% 100%

PORT SCREEN CONTENTS: Grass / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** 0
- **Horseshoe crab** 0
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ___

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear / Going to anchor for repairs

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 706 **LOAD start date:** 25 September **Times (24hrs): Start** 1754 **End** 1844

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: sand

Weather conditions: partly cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0 **ft** **Wind (speed & direction):** Calm

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 707 **LOAD start date:** 3 Sept 2006 **Times (24hrs): Start** 1930 **End** 2000

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0 **ft Wind (speed & direction):** Calm

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface N/A °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab 2

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Daylight Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 701 **LOAD start date:** 8 Sept 2006 **Times (24hrs): Start** 2102 **End** 2153

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft Wind (speed & direction):** NE 10

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Drayhead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 709 **LOAD start date:** 3 August 06 **Times (24hrs): Start** 2241 **End** 2333

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** NE 6 kt

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 4SEP 06 Load #s: 710 - 724 Areas dredge worked: 16 + 105 → 200

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 84 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(F) Column (mid-depth) X °C/°F Bottom X °C/°F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1604	T. truncatus	3 / 2	Disposal site
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	

Observer name [signature] Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 710 **LOAD start date:** 4Sep06 **Times (24hrs): Start** 0019 **End** 0058

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
(1) 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: Ø **ft** **Wind (speed & direction):** ___

AIR TEMP: 84 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C (°F) **Column (mid-depth)** X °C / °F **Bottom** X °C / °F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Wood, Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 711 **LOAD start date:** 4 Sept 06 **Times (24hrs): Start** 0955 **End** 0246

Condition of screening : **Port** good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 84 °C (°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C (°F) **Column (mid-depth)** X °C / °F **Bottom** X °C / °F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Nets, Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 712 **LOAD start date:** 4SEP06 **Times (24hrs): Start** 0341 **End** ___

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2 =) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 84 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) **Column (mid-depth)** X °C / °F **Bottom** X °C / °F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash, Wood, Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species) X
Horseshoe crab X
Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Marty Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 713 **LOAD start date:** 4 SEP 06 **Times (24hrs):** **Start** 0516 **End** 0607

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? **YES** X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): **Slack** **Rising** **High** **Falling** **Low** **Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species) X
Horseshoe crab X
Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: **YES** ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 714 **LOAD start date:** 4 SEP 06 **Times (24hrs): Start** 0648 **End** 0734

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Hazy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2 =) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 82 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C/(°F) **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash, Mud, Limbs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 715 **LOAD start date:** 4SEP06 **Times (24hrs): Start** 0821 **End** 0911

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: HAZY

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** ___

AIR TEMP: 82 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C (°F) **Column (mid-depth)** X °C / °F **Bottom** X °C / °F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Wood, Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Gaven **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 716 **LOAD start date:** 4Sep06 **Times (24hrs): Start** 0950 **End** 1043

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Hazy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C /°F **Column (mid-depth)** X °C /°F **Bottom** X °C /°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Debris, Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Maitri Gani **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 717 **LOAD start date:** 4SEP06 **Times (24hrs): Start** 1124 **End** 1211

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** NE @ 5-10K

AIR TEMP: 85 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 718 **LOAD start date:** 4 Sept 2006 **Times (24hrs): Start** 1259 **End** 1347

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Sand

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** NE @ 5-10K

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 719 **LOAD start date:** 4 Sept 2006 **Times (24hrs): Start** 1434 **End** 1523

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1-2 **ft** **Wind (speed & direction):** NE 5-10K

AIR TEMP: 94 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 720 **LOAD start date:** 4 Sept 2006 **Times (24hrs): Start** 1615 **End** 1703

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1-2 **ft Wind (speed & direction):** NE 5-10 K

AIR TEMP: 97 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 89 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Tractor / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 721 **LOAD start date:** 4 September **Times (24hrs): Start** 1750 **End** 1839

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1-2 **ft** **Wind (speed & direction):** NE 5-10K

AIR TEMP: 88 °C (°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 89 °C (°F) **Column (mid-depth)** ___ °C / °F **Bottom** ___ °C / °F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 722 **LOAD start date:** 4 Sept 2006 **Times (24hrs): Start** 1529 **End** 2018

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: partly cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1-2 **ft Wind (speed & direction):** NEC 5 kt

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 723 **LOAD start date:** 4 Sept 2006 **Times (24hrs): Start** 2105 **End** 2202

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1-2 **ft** **Wind (speed & direction):** NE @ 5-10K

AIR TEMP: 83 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C/(°F) **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Nothing

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 704 **LOAD start date:** 4 Sept 2006 **Times (24hrs): Start** 2044 **End** 2337

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1-2 **ft** **Wind (speed & direction):** NE 5-10 K

AIR TEMP: 82 °C (°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 89° C (°F) **Column (mid-depth)** ___ °C /°F **Bottom** ___ °C /°F

SCREEN TYPE

X **Inflow screening:**	None	25%	50%	75%	100%
___ **Overflow screening:**	None	25%	50%	75%	100%
___ **Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash, Debris, Limbs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 5 SEP 06 Load #s: 725-733 Areas dredge worked: 16 + 105 → 200

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 82 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C (F) Column (mid-depth) X °C / °F Bottom X °C / °F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

MUD, TRASH, DEBRIS

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
		/	
		/	
		/	
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		/	
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		/	
		/	

Observer name [signature] Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 725 **LOAD start date:** 5SEP06 **Times (24hrs): Start** 0028 **End** 0116

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** ___

AIR TEMP: 80 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash, Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature Martin Garcia

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 724 **LOAD start date:** 5 SEP06 **Times (24hrs): Start** 0207 **End** 0254

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: MUD

Weather conditions: CLEAR

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 80 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash, Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100)%**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 727 **LOAD start date:** 5SEP06 **Times (24hrs): Start** 0336 **End** 0426

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** ___

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 728 **LOAD start date:** 5 SEP 06 **Times (24hrs): Start** 0520 **End** 0615

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 81 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE

X **Inflow screening:**	None	25%	50%	75%	100%
___ **Overflow screening:**	None	25%	50%	75%	100%
___ **Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Debris, Trash, Mud

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Gagné **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 729 **LOAD start date:** 5Sep06 **Times (24hrs): Start** _____ **End** _____

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: PC

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 05 **ft** **Wind (speed & direction):** _____

AIR TEMP: _____ °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F (°F) **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: _____

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** _____
- **Shark (any species)** _____
- **Horseshoe crab** _____
- **Blue crab** _____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES _____ **NO** _____

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: _____

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature _____

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 930 **LOAD start date:** 5 Sept 2006 **Times (24hrs): Start** 1735 **End** 1823

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 3-4 **ft Wind (speed & direction):** NW @ 15-20K

AIR TEMP: 88 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 **°C/°F Column (mid-depth)** ___ **°C/°F Bottom** ___ **°C/°F**

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear / First Load after refueling

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature Jennifer Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 731 **LOAD start date:** 5 Sept 2005 **Times (24hrs): Start** 1917 **End** 2008

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2-3 **ft Wind (speed & direction):** NW C 10-15

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 78 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/ debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Loggerhead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 732 **LOAD start date:** 5 Sept 2006 **Times (24hrs): Start** 2059 **End** 2153

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2-3 **ft Wind (speed & direction):** NE @ 10-15K

AIR TEMP: 81 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE

X **Inflow screening:**	None	25%	50%	75%	100%
___ **Overflow screening:**	None	25%	50%	75%	100%
___ **Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 733 **LOAD start date:** 5 Sept 2006 **Times (24hrs): Start** 2239 **End** 2334

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2-3 **ft Wind (speed & direction):** NE 10-15

AIR TEMP: 79 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** 1

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** Y

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J Scott

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 6 SEP 06 Load #s: 734 → 747 Areas dredge worked: 16 - 105 → 200

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C / °F Column (mid-depth) X °C / °F Bottom X °C / °F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES ____ NO ____

Which species? (complete incident form(s))

Comments (type of material, biological specimens, unusual circumstances, etc):

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1335	T. truncatus	3 / 8	Green side - mouth of jetties
		/	
		/	
		/	
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		/	
		/	
		/	

Observer name [signature] Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 734 **LOAD start date:** 6SEP06 **Times (24hrs): Start** 0025 **End** 0115

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLOUDY

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 80 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, DEBRIS

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 735 **LOAD start date:** 06SEP06 **Times (24hrs): Start** 0209 **End** 0300

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, DEBRIS, TRASH

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature Martin Garcia

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 736 **LOAD start date:** 6 SEP 06 **Times (24hrs): Start** 0403 **End** 0459

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(0) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 80 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C /° F **Column (mid-depth)** X °C /° F **Bottom** X °C /° F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: MUD, TRASH, DEBRIS

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 737 **LOAD start date:** 6SEP06 **Times (24hrs): Start** 0534 **End** 0623

Condition of screening : **Port** GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: MUD

Weather conditions: CLOUDY

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 79 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash, Mud, Debris, Wood, Limbs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Gerrard **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 738 **LOAD start date:** 6SEP06 **Times (24hrs): Start** 0722 **End** 0814

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** ___

AIR TEMP: 79 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C /(°F) **Column (mid-depth)** X °C /° F **Bottom** X °C /° F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Sticks, Wood, Trash, Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 739 **LOAD start date:** 6 SEP 06 **Times (24hrs): Start** 0927 **End** 1021

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** ___

AIR TEMP: 74.5 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Debris, Sticks, Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Gaper **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 740 **LOAD start date:** 6 Sep 06 **Times (24hrs): Start** 1130 **End** 1230

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1 **ft** **Wind (speed & direction):** E C 5K

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 741 **LOAD start date:** 6 Sept 2006 **Times (24hrs): Start** 1333 **End** 1423

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: sand

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0-1 **ft Wind (speed & direction):** E 5K

AIR TEMP: 93 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (°F) **Column (mid-depth)** — °C /° F **Bottom** — °C /° F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/ Debris / Clay

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 742 **LOAD start date:** 6 April 2006 **Times (24hrs): Start** 1500 **End** 1600

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0-1 **ft** **Wind (speed & direction):** E @ 5K

AIR TEMP: 93 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C (°F) **Column (mid-depth)** — °C /° F **Bottom** — °C /° F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	(100%)
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 743 **LOAD start date:** 6 Sept 2006 **Times (24hrs): Start** 1725 **End** 1814

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0-1 **ft** **Wind (speed & direction):** E 5K

AIR TEMP: 93 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 89 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Obsr

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 744 **LOAD start date:** 6 Sept 2006 **Times (24hrs): Start** 1905 **End** 1947

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Sand

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0-1 **ft** **Wind (speed & direction):** E @ 5-7K

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 745 **LOAD start date:** 6 Sept 2006 **Times (24hrs): Start** 2030 **End** 2119

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1-2 **ft Wind (speed & direction):** NW @ 10K

AIR TEMP: 82 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 89 °C/(°F) **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/ Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 746 **LOAD start date:** 6 Sept 2006 **Times (24hrs): Start** 2206 **End** 2257

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 2 **ft** **Wind (speed & direction):** NW @ 10K

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 79 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/ Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** Y

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** EAST COAST OBSERVERS

Observer signature J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 747 **LOAD start date:** 6 Sept 2006 **Times (24hrs):** **Start** 2341 **End** 0025

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? **YES** X **NO** ___ **Condition of deflector:** Good

Type of material dredged: mud

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): **Slack** **Rising** **High** **Falling** **Low** **Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 1-2 **ft** **Wind (speed & direction):** NW @ 10K

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 85 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: **YES** ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Martin Guerra **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 7 Sep 06 Load #s: 748 - 762 Areas dredge worked: 16 - 105 -> 200

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 81 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C /(F) Column (mid-depth) X °C /° F Bottom X °C /° F

Condition of deflector: good Condition of screening: good

Were there incidents involving endangered or protected species? YES ____ NO ____

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1200	T. truncatus	2 / 2	red side 35/36
1213	T. truncatus	5 / 10	disposal site
1317	T. truncatus	6 / 12+	green side 35/36
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	

Observer name [signature] Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 748 **LOAD start date:** 7 SEP 06 **Times (24hrs): Start** 0116 **End** 0203

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** ___

AIR TEMP: 81 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Weed, Limbs, Trash Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature ___

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 749 **LOAD start date:** 7 Sep 06 **Times (24hrs): Start** 0251 **End** 0331

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft Wind (speed & direction):** ___

AIR TEMP: 80 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 68 °C / °F **Column (mid-depth)** X °C / °F **Bottom** X °C / °F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
___	**Overflow screening:**	None	25%	50%	75%	100%
___	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Wood, Limbs, Trash, Rebar

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75%** (100%)

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: NEW ORLEANS, LA

CONTRACT #: W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** ___ **PROJECT start date** 05/25/06

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

DREDGE FIRM: B+B DREDGING

LOAD #: 750 **LOAD start date:** 7 Sep 06 **Times (24hrs): Start** 0458 **End** 0550

Condition of screening : **Port** Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** STD TRTLE EXCL **Size of draghead:** 6 FT

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 6 knot/ 0.5 ft	5 = 17-21 knot/ 6 ft	8 = 34-40 knot/18 ft	11 = 56-63 knot/37 ft	

Waves: 0.5 **ft** **Wind (speed & direction):** ___

AIR TEMP: 79 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Wood, Limbs, Debris, Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** /
- **Shark (any species)** /
- **Horseshoe crab** /
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm** EAST COAST OBSERVERS

Observer signature [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 751

Times (24hrs): Start 0643 **End** 0731

Location, Lat/Long: N ___ ___.___ **W** ___ ___.___

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) ___ **Wave Height:** ___ **ft**

Wind (speed & direction): ___ **AIR TEMP:** 80 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 **°C/°F Column (mid-depth)** X **°C/°F Bottom** X **°C/°F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Limbs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** /
- **Shark (any species)** /
- **Horseshoe crab** /
- **Blue crab** /

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ___

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martha Garcia **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 752

Times (24hrs): Start 0824 **End** 0909

Location, Lat/Long: N X . **W** X .

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 0.5 **ft**

Wind (speed & direction): X **AIR TEMP:** 82 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash, Limbs, Driftwood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: [signature] **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 753

Times (24hrs): Start 0950 **End** 1029

Location, Lat/Long: N X X . X **W** X X . X

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 0.5 **ft**

Wind (speed & direction): [redacted] **AIR TEMP:** 84 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 **°C/°F Column (mid-depth)** X **°C/°F Bottom** X **°C/°F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Limbs, Trash, Mud

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: [signature] **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 754

Times (24hrs): Start 1120 **End** 1201

Location, Lat/Long: N ___ . ___ **W** ___ . ___

Condition of screening : Port GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: Mud
Weather conditions: P. Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 0.5 **ft**

Wind (speed & direction): — **AIR TEMP:** 84 **°C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))**

WATER TEMP: Surface 88 **°C / °F Column (mid-depth)** — **°C / °F Bottom** ___ **°C / °F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 755

Times (24hrs): Start 1248 **End** 1330

Location, Lat/Long: N ____ ____.____ **W** ____ ____.____

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 0-1 **ft**

Wind (speed & direction): E @ 5K **AIR TEMP:** 90 **°C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))**

WATER TEMP: Surface 89 **°C/°F Column (mid-depth)** — **°C/°F Bottom** — **°C/°F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** Y
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 75k

Times (24hrs): Start 1436 **End** 1519

Location, Lat/Long: N — . — **W** — . —

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** ___ **ft**

Wind (speed & direction): ESE 5k **AIR TEMP:** 91 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 89 **°C/°F** **Column (mid-depth)** — **°C/°F** **Bottom** — **°C/°F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 757

Times (24hrs): Start 1612 **End** 1657

Location, Lat/Long: N ___ ___.___ **W** ___ ___.___

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 0-1 **ft**

Wind (speed & direction): EC 5K **AIR TEMP:** 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 89 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 758

Times (24hrs): Start 1743 **End** 1823

Location, Lat/Long: N ___ . ___ **W** ___ . ___

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: ___

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 1 **ft**

Wind (speed & direction): E C 5K **AIR TEMP:** 89 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 89 **°C/°F Column (mid-depth)** — **°C/°F Bottom** — **°C/°F**

SCREEN TYPE	X	**Inflow screening:**	None	25%	50%	75%	100%
	N/A	**Overflow screening:**	None	25%	50%	75%	100%
	N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 789

Times (24hrs): Start 1907 **End** 1952

Location, Lat/Long: N ___ ___.___ **W** ___ ___.___

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 1 **ft**

Wind (speed & direction): E 25K **AIR TEMP:** 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 89 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Daytime Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 760

Times (24hrs): Start 2040 **End** 2120

Location, Lat/Long: N ____ ____.____ **W** ____ ____.____

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 1 **ft**

Wind (speed & direction): 20 5K **AIR TEMP:** 64 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 65 **°C/°F Column (mid-depth)** — **°C/°F Bottom** — **°C/°F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** ✓
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 761

Times (24hrs): Start 2219 **End** 2305

Location, Lat/Long: N — **W** —

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Clear

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 0 **Wave Height:** 0 **ft**

Wind (speed & direction): Calm **AIR TEMP:** 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 762

Times (24hrs): Start 0002 **End** 0048

Location, Lat/Long: N ____ . ____ **W** ____ . ____

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 1 **Wave Height:** 0.25 **ft**

Wind (speed & direction): X **AIR TEMP:** 82 **°C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))**

WATER TEMP: Surface 88 **°C/°F Column (mid-depth)** X **°C/°F Bottom** X **°C/°F**

SCREEN TYPE	X	**Inflow screening:**	None	25%	50%	75%	100%
	N/A	**Overflow screening:**	None	25%	50%	75%	100%
	N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Limbs, Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** ✓

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** ____
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 8SEP06 Load #s: 763 -776 Areas dredge worked: 16 → 70

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F Column (mid-depth) X °C/°F Bottom X °C/°F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
		/	
		/	
		/	
		/	
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		/	
		/	
		/	
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		/	

Observer name Martin Garcia Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 763

Times (24hrs): Start 0140 **End** 0226

Location, Lat/Long: N ____ . ____ **W** ____ . ____

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 1 **Wave Height:** 0.25 **ft**

Wind (speed & direction): X **AIR TEMP:** 81 **°C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))**

WATER TEMP: Surface 87 **°C/°F Column (mid-depth)** X **°C/°F Bottom** X **°C/°F**

SCREEN TYPE	X	**Inflow screening:**	None	25%	50%	75%	100%
	N/A	**Overflow screening:**	None	25%	50%	75%	100%
	N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Limbs, Trash, Mud

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)**
- **Horseshoe crab**
- **Blue crab**

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: [signature] **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 764

Times (24hrs): Start 0316 **End** 0400

Location, Lat/Long: N ____ ____.____ **W** ____ ____.____

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Enter BSS 1-8) (**Wave Height:** 0.25 **ft**

Wind (speed & direction): — **AIR TEMP:** 82 **°C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))**

WATER TEMP: Surface 79 **°C/°F Column (mid-depth)** X **°C/°F Bottom** X **°C/°F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Crimbs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____
Shark (any species) ____
Horseshoe crab ____
Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** ✓
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: [signature] **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 765

Times (24hrs): Start 0454 **End** 0542

Location, Lat/Long: N — . **W** — .

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 0.5 **ft**

Wind (speed & direction): — **AIR TEMP:** 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Limbs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: [signature] **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 764

Times (24hrs): Start 0632 **End** 0730

Location, Lat/Long: N ___ ___.___ **W** ___ ___.___

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 0.5 **ft**

Wind (speed & direction): — **AIR TEMP:** 82 °C/°F(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 80 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE	X	**Inflow screening:**	None	25%	50%	75%	100%
	N/A	**Overflow screening:**	None	25%	50%	75%	100%
	N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Limbs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: [signature] **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 767

Times (24hrs): Start 0843 **End** 0933

Location, Lat/Long: N X X . X **W** X X . X

Condition of screening : Port GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: Mud
Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 0.5 **ft**

Wind (speed & direction): X **AIR TEMP:** 88 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 **°C/°F Column (mid-depth)** X **°C/°F Bottom** X **°C/°F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Limbs, Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 768

Times (24hrs): Start 1021 **End** 1108

Location, Lat/Long: N ____ . ____ **W** ____ . ____

Condition of screening : Port good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ____ **Condition of deflector:** good

Type of material dredged: Mud
Weather conditions: hazy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 0.5 **ft**

Wind (speed & direction): X **AIR TEMP:** 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE	X	**Inflow screening:**	None	25%	50%	75%	100%
	N/A	**Overflow screening:**	None	25%	50%	75%	100%
	N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Limbs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____
Shark (any species) ____
Horseshoe crab ____
Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** ✓
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garza **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 769

Times (24hrs): Start 1211 **End** 1322

Location, Lat/Long: N ___ . ___ **W** ___ . ___

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 1 **Wave Height:** 0-1 **ft**

Wind (speed & direction): Calm **AIR TEMP:** 93 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 770

Times (24hrs): Start 1353 **End** 1433

Location, Lat/Long: N ____ . ____ **W** ____ . ____

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 1 **Wave Height:** 0-1 **ft**

Wind (speed & direction): Calm **AIR TEMP:** 93 **°C/(°F)** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 **°C (°F) Column (mid-depth)** ____ **°C / °F Bottom** ____ **°C / °F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ____
- **Shark (any species)** ____
- **Horseshoe crab** ____
- **Blue crab** ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Jennifer Scott **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 771

Times (24hrs): Start 1538 **End** 1684

Location, Lat/Long: N ___ ___.___ **W** ___ ___.___

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 1-2 **ft**

Wind (speed & direction): E @ 5K **AIR TEMP:** 92 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- Sturgeon (any species) —
- Shark (any species) —
- Horseshoe crab —
- Blue crab —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 772

Times (24hrs): Start 1714 **End** 1800

Location, Lat/Long: N ____ . ____ **W** ____ . ____

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 1-2 **ft**

Wind (speed & direction): E @ 5K **AIR TEMP:** 90 **°C/(°F)** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 78 **°C (°F) Column (mid-depth)** — **°C / °F Bottom** — **°C / °F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** 1

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Jennifer Scott **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 773

Times (24hrs): Start 1843 **End** 1934

Location, Lat/Long: N — **W** —

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 1-2 **ft**

Wind (speed & direction): ECSE **AIR TEMP:** 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental USACE DISTRICT: New Orleans, LA

DREDGE NAME: M/V Columbia DREDGE FIRM: B + B Dredging

Project Start Date: 05/25/06 LOAD #: 7694

Times (24hrs): Start 2022 End 2312

Location, Lat/Long: N W

Condition of screening: Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of draghead used: Standard TED Size of draghead: 6'

Draghead deflector? YES X NO Condition of deflector: Good

Type of material dredged: Mud

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 Wave Height: 0-2 ft

Wind (speed & direction): Calm AIR TEMP: 93 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F Column (mid-depth) °C/°F Bottom °C/°F

SCREEN TYPE

X	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Freeze / Nibbles

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species)

Shark (any species)

Horseshoe crab

Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES NO

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Jennifer Scott Observer firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 775

Times (24hrs): Start 2209 **End** 2302

Location, Lat/Long: N ___ ___.___ **W** ___ ___.___

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 1-2 **ft**

Wind (speed & direction): SE C 5-10K **AIR TEMP:** 83 **°C/(°F)** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 **°C/(°F) Column (mid-depth)** ___ **°C/°F Bottom** ___ **°C/°F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris / Hardhead catfish

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** (✓)
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley (Hawksbill) Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% (100%)**

Observer's name: Jennifer Scott **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental USACE DISTRICT: New Orleans, LA

DREDGE NAME: M/V Columbia DREDGE FIRM: B + B Dredging

Project Start Date: 05/25/06 LOAD #: 767

Project Start Date: 05/25/06 LOAD #: 776

Times (24hrs): Start 0843 End 0933

Times (24hrs): Start 0001 End 0045

Location, Lat/Long: N X X . X W X X . X

Location, Lat/Long: N W .

Condition of screening : Port Good Starboard N/A Overflow N/A

Condition of screening : Port Good Starboard N/A Overflow N/A

Number of dragheads in use: 1 Type of draghead used: Standard TED Size of draghead: 6'

Draghead deflector? YES X NO Condition of deflector: Good

Number of dragheads in use: X 1 Type of draghead used: Standard TED Size of draghead: 6'

Draghead deflector? YES X NO Condition of deflector: Good

Type of material dredged: Mud

Weather conditions: 8 Cloudy

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) Wave Height: 0.5 ft

Beaufort Sea States (Enter BSS 1-8) X 2 Wave Height: 88.5 ft

Wind (speed & direction): 88 °C/°F AIR TEMP: 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

Wind (speed & direction): 88 °C/°F AIR TEMP: 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP Surface 88 °C/°F Column (mid-depth) X °C/°F Bottom X °C/°F

WATER TEMP Surface X Inflow screening: None 25% 50% 75% 100% °C/°F

SCREEN TYPE N/A Overflow screening: None 25% 50% 75% 100%

SCREEN TYPE X Inflow screening: None 25% 50% 75% 100%

N/A Other screening: None 25% 50% 75% 100%

N/A Overflow screening: None 25% 50% 75% 100%

N/A Other screening: None 25% 50% 75% 100%

PORT SCREEN CONTENTS: Mud, Limbs, Trash

PORT SCREEN CONTENTS: Mud, Trash, Limbs

STARBOARD SCREEN CONTENTS: N/A

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Estimate number entrained on this load for the following:

Sturgeon (any species)
Shark (any species)
Sturgeon (any species)
Horseshoe crab
Shark (any species)
Blue crab
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES NO ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Comments:

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Number observers used/24hrs: 2 % Monitoring/24 hrs: None 25% 50% 75% 100%

Observer's name: Martin Garcia Observer firm East Coast Observers

Observer's name: Martin Garcia Observer firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 9 Sept 06 Load #s: 777-789 Areas dredge worked: 16 -7

Beaufort Sea State: 0 1 2 (3) 4 5 6 7 8 9 10 11 12

AIR TEMP: 80 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) Column (mid-depth) X °C /°F Bottom X °C /°F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Mud, Trash, Limbs, Wood

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	

Observer name [signature] Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 777

Times (24hrs): Start 0143 **End** 0226

Location, Lat/Long: N ____ . ____ **W** ____ . ____

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 0.5 **ft**

Wind (speed & direction): X **AIR TEMP:** 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** C °C/°F **Bottom** ____ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Limbs, Trash, Mud

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:
- **Sturgeon (any species)** ____
- **Shark (any species)** ____
- **Horseshoe crab** ____
- **Blue crab** ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** ____
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: [signature] **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 778

Times (24hrs): Start 0323 **End** 0408

Location, Lat/Long: N _____ . _____ **W** _____ . _____

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 2 **Wave Height:** 0.5 **ft**

Wind (speed & direction): X **AIR TEMP:** 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Limbs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ____
- **Shark (any species)** ____
- **Horseshoe crab** ____
- **Blue crab** ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 779

Times (24hrs): Start 0458 **End** 0547

Location, Lat/Long: N ____ . ____ **W** ____ . ____

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Overcast

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Enter BSS 1-8) ____ **Wave Height:** ____ **ft**

Wind (speed & direction): ____ **AIR TEMP:** ____ **°C/°F(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))**

WATER TEMP: Surface ____ **°C/°F Column (mid-depth)** ____ **°C/°F Bottom** ____ **°C/°F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Not checked due to lightning

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ____
- **Shark (any species)** ____
- **Horseshoe crab** ✓
- **Blue crab** ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** ✓
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: [illegible] **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 780

Times (24hrs): Start 0632 **End** 0728

Location, Lat/Long: N ____ . ____ **W** ____ . ____

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Overcast

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 3 **Wave Height:** 1.0 **ft**

Wind (speed & direction): ESE 5-10 **AIR TEMP:** 74 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 **°C/°F** **Column (mid-depth)** X **°C/°F** **Bottom** X **°C/°F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Limbs, Clay

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ✓
- **Shark (any species)** ✓
- **Horseshoe crab** ✓
- **Blue crab** ✓

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** ✓
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 781

Times (24hrs): Start 0843 **End** 0938

Location, Lat/Long: N ____ . ____ **W** ____ . ____

Condition of screening : Port good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud
Weather conditions: Overcast

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 3 **Wave Height:** 1.0 **ft**

Wind (speed & direction): X **AIR TEMP:** 76 °C/° F(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C /(F) **Column (mid-depth)** X °C /° F **Bottom** X °C /° F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Limbs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ____
Shark (any species) ____
Horseshoe crab ____
Blue crab ____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** ✓
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: ____

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

PROJECT NAME: Calcasieu Bar Rental **USACE DISTRICT:** New Orleans, LA

DREDGE NAME: *M/V Columbia* **DREDGE FIRM:** B + B Dredging

Project Start Date: 05/25/06 **LOAD #:** 782

Times (24hrs): Start 1034 **End** 1127

Location, Lat/Long: N ____ . ____ **W** ____ . ____

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'
Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud
Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Enter BSS 1-8) 3 **Wave Height:** 2-3 **ft**

Wind (speed & direction): E @ 10-15K **AIR TEMP:** 80 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ____
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** X
SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used/24hrs: 2 **% Monitoring/24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 7&3 **LOAD start date** 6 Sept 2006 **Times (24hrs): Start** 1226 **End** 1313

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 2-3 **Wind (speed & direction)** E @ 10-15K

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) —

Shark (any species) —

Horseshoe crab —

Blue crab —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Nagshead Clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 784 **LOAD start date** 784 9 Sept 2006 **Times (24hrs): Start** 1401 **End** 1451

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy, rain

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 2-3 **Wind (speed & direction)** E C 10-15K

AIR TEMP: 81 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 **°C/°F Column (mid-depth)** — **°C/°F Bottom** — **°C/°F**

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 785 **LOAD start date** 9 Sept 2006 **Times (24hrs): Start** 1543 **End** 1624

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy / rain

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 2-3' **Wind (speed & direction)** E e 10-15K

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 78c **LOAD start date** 9/[illegible]/2006 **Times (24hrs): Start** 1728 **End** 1852

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy / rain

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 2-3 **Wind (speed & direction)** E 10-15

AIR TEMP: 81 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 787 **LOAD start date** 9 Sept 2006 **Times (24hrs): Start** ____ **End** ____

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy / rain

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 2-3' **Wind (speed & direction)** ESE @ 10 k

AIR TEMP: 79 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 78 **LOAD start date** 9 Sept 2006 **Times (24hrs): Start** 2130 **End** 2220

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy rain

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 2-3 **Wind (speed & direction)** E SE 10K

AIR TEMP: 74 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32)) —

WATER TEMP: Surface 84 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 789 **LOAD start date** 9 Sept 2006 **Times (24hrs): Start** 2307 **End** 2348

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy / rain

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 1-2' **Wind (speed & direction)** SSE/10K

AIR TEMP: 79 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Limbs, Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm:** ECO, Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

WEEKLY SUMMARY

USACE DISTRICT: NEW ORLEANS, LA **CONTRACT:** W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALCASIEU BAR RENTAL **DREDGE NAME:** COLUMBIA

Dates: 3 Sept 06 - 9 Sept 06 **Load #s:** 698 - 789

Areas dredge worked: 16 → 70

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? N/A

Comments:

Materials Dredged: Mud

Screen Contents: mud, Trash, Limbs, Wood

No Biological Specimens.

BRIDGE WATCH SUMMARY

Date/Time	Species	# Sightings/# Animals	Location/Comments
		/	
		/	
		/	
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		/	
		/	
		/	
		/	
		/	
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		/	
		/	

Observer name [signature] **Observer Firm** East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 10 Sept 2006 Load #s: 790-803 Areas dredge worked: Ne → 70

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 83 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) Column (mid-depth) X °C /° F Bottom X °C /° F

Condition of deflector: GOOD Condition of screening: GOOD

Were there incidents involving endangered or protected species? YES X NO ___

Which species? (complete incident form(s)) L. Kempii (Kemp's ridley)

Comments (type of material, biological specimens, unusual circumstances, etc): Upon inspection of Load # 799 @ 1641 hrs, a fully intact ridley was found in the Clamshell. A partial section was missing & there were several fractures through the carapace & plastron. The turtle was placed on the ship's freezer awaiting instructions for the final disposition.

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
		/	
		/	
		/	
		/	
		/	
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		/	
		/	
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		/	

Observer name [signature] Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 790 **LOAD start date** 10 SEP 06 **Times (24hrs): Start** 0045 **End** 0128

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 1ft **Wind (speed & direction)** _____

AIR TEMP: 84 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 **°C / °F Column (mid-depth)** X **°C / °F Bottom** C **°C / °F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Limbs, Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm:** Eco Inc

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 791 **LOAD start date** 10SEP06 **Times (24hrs): Start** 0221 **End** 0307

Condition of screening : **Port** _____ **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ____ **Condition of deflector:** _____

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
(**2**) = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** X

AIR TEMP: 83 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C /(°F) **Column (mid-depth)** X °C /°F **Bottom** X °C /°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud Limbs Trash Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) _____

Shark (any species) _____

Horseshoe crab _____

Blue crab _____

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES _____ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm:** ECO Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 792 **LOAD start date** 10 SEP 06 **Times (24hrs): Start** 0352 **End** 0487

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
(**2** =) 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** x

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C / °F **Column (mid-depth)** x °C / °F **Bottom** x °C / °F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud Limbs Wood Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm:** Eco Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 793 **LOAD start date** 10 SEP 06 **Times (24hrs): Start** 0531 **End** 0633

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
(**2**) 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** x

AIR TEMP: 85 °C/°(F) °F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°(F) **Column (mid-depth)** x °C/°F **Bottom** x °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud Limbs Trash Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species) X
Horseshoe crab X
Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% (100)%**

Observer's name: Martha Garcia **Observer firm:** ECO Inc.

Observer's signature: Martha Garcia

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 794 **LOAD start date** 10 SEP 06 **Times (24hrs): Start** 0729 **End** 0817

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
(2) 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** X

AIR TEMP: ___ °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C /(°F) **Column (mid-depth)** X °C /°F **Bottom** X °C /°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Limbs, Trash, Wood, Mud

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species) X
Horseshoe crab X
Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm:** ECO Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 795 **LOAD start date** 10 SEP 06 **Times (24hrs): Start** 0910 **End** 0952

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** X

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C / °F **Column (mid-depth)** X °C / °F **Bottom** — °C / °F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Limbs, Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species) X
Horseshoe crab X
Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm:** ECO Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 796 **LOAD start date** 10 Sep 06 **Times (24hrs): Start** 1055 **End** 1144

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** ESE 5K

AIR TEMP: 82 °C/°F(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: Jennifer Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 797 **LOAD start date** 10 Sept 2006 **Times (24hrs): Start** 1234 **End** 1348

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 1-2 **Wind (speed & direction)** SW @ 5K

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C / °F **Column (mid-depth)** — °C / °F **Bottom** — °C / °F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) —

Shark (any species) —

Horseshoe crab —

Blue crab —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 798 **LOAD start date** 10 Sept 2006 **Times (24hrs): Start** 1405 **End** 1454

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 1-2 **Wind (speed & direction)** SW C5K

AIR TEMP: 84 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 **°C/°F** **Column (mid-depth)** — **°C/°F** **Bottom** — **°C/°F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) —
Shark (any species) —
Horseshoe crab —
Blue crab —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 799 **LOAD start date** 10 Sept 2006 **Times (24hrs): Start** 1557 **End** 1641

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	(**3**) = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 2 **Wind (speed & direction)** SW @ 5-10K

AIR TEMP: 85 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C/(°F) **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Kemp's ridley - trash / debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) —
Shark (any species) —
Horseshoe crab —
Blue crab —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES X **NO** ___

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green (Kemp's ridley) Hawksbill Leatherback

Comments:
Juvenile Kemp's ridley take

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75%** (100%)

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

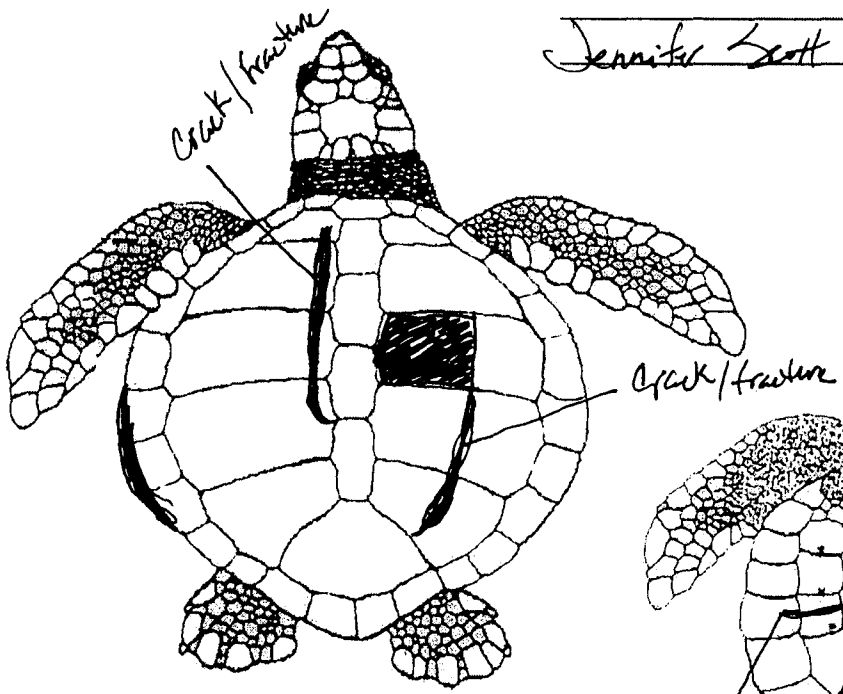
Kemp's Ridley (*Lepidochelys kempii*)

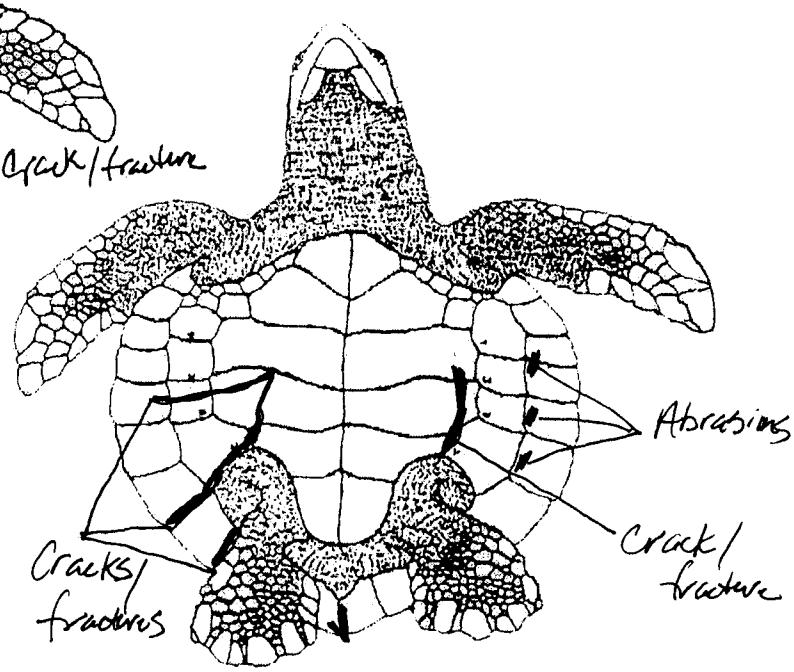
Shade areas of turtle that are missing; sketch cracks and lacerations

Comments: Deep, penetrating fractures through Carapace & plastron. (R) half of third marginal scute missing. All extremities intact. This is a juvenile ridley - sex undetermined.

- Load # 799 @ 1641 hrs - found in lander upon inspection

Jennifer Scott - East Coast Observers, Inc.





Diagrams by Tom McFarland

ENDANGERED SPECIES OBSERVER PROGRAM

SEA TURTLE INCIDENTAL TAKE DATA FORM

USACE DISTRICT: NEW ORLEANS
PROJECT NAME: CALCASIEU BAR RENTAL DREDGE NAME: M/V COLUMBIA

DATE: 10 SEP 06 Time turtle take recovered (24hr): 1641 Turtle take # for project: 1

LOAD #: 799 Times (24hrs): Start 1557 End 1641 Load start date 10 SEP 06

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Channel location of take: Latitude _____ Longitude _____
Other location / Channel description (e.g. buoy markers, landmarks): _____

Location take recovered on dredge: FOUND IN LANDER.

Number of dragheads in use at time of incident: 1 Draghead deflector? YES ✓ NO ___
Condition of deflector: GOOD Condition of screening: _____

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 88 °C/°F Column (mid-depth) _____ °C/°F Bottom _____ °C/°F

Condition of specimen: Fresh dead - Fractured carapace and plastron - Fully intact Juvenile

0 = Alive; 1 = Fresh dead; 2 = Moderately decomposed; 3 = Severely decomposed; 4 = skeleton/old bone; 5 = undetermined

Sex: M F UN How determined? _____ Age class: Juv ✓ Sub-Adult ___ Adult ___ UN ___

Measurements: Circle units

Head Width:	_____ cm/in		
Plastron Length:	_____ cm/in	Plastron Width:	_____ cm/in
Carapace Straight Length:	_____ cm/in	Carapace Straight Width:	_____ cm/in
Carapace Curved Length:	38.1 cm/in	Carapace Curved Width:	_____ cm/in

Measurement/description of part: _____

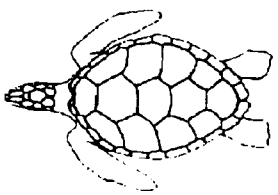
Genetic samples taken: YES ✓ NO ___ Photos taken: YES ___ NO ___
Turtle tagged?: YES ___ NO ✓ Tag type: _____ Tag #: _____ Tag date: _____
Final disposition of specimen: DISPOSED OF AT SEA

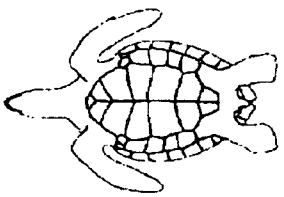
Comments: _____

Load data form attached: YES ___ NO ___ Dredge load log attached: YES ___ NO ___

Observer's name Jennifer Scott

Use diagrams below to illustrate specimen/part recovered:





ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 500 **LOAD start date** 10 Sept. 2006 **Times (24hrs): Start** 1735 **End** 1824

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 1 **Wind (speed & direction)** SE @ 5K

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 001 **LOAD start date** 10 Sept 2006 **Times (24hrs): Start** 1911 **End** 2002

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 1 **Wind (speed & direction)** SE 5K

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 87 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm:** Eco, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 002 **LOAD start date** 10 Sept 2006 **Times (24hrs): Start** 2053 **End** 2143

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 1 **Wind (speed & direction)** SE 5K

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/ Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Draghead clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 11 SEP 04 Load #s: 803 - 818 Areas dredge worked: 14 → 70

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 82 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C /°(F) Column (mid-depth) X °C /° F Bottom X °C /° F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Mud, Trash, Limbs, Wood

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1210	T. truncatus	3 / 6	Buoy 40 - mid side
1230 - 1400	T. truncatus	10+ / 12+	Channel & disposal site
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	

Observer name Martin J Gomez Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 803 **LOAD start date** 10 Sept 2006 **Times (24hrs): Start** 2231 **End** 2322

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 1 **Wind (speed & direction)** SEC 5K

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs:** None 25% 50% 75% 100%

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 804 **LOAD start date** 11 SEP 06 **Times (24hrs): Start** 0049 **End** 0136

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** X

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Limbs, Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species) X
Horseshoe crab X
Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Gaux **Observer firm:** ECO Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 805 **LOAD start date** 19 SEP 06 **Times (24hrs): Start** 0220 **End** 0251

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** X

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	Inflow screening:	None	25%	50%	75%	100%
N/A	Overflow screening:	None	25%	50%	75%	100%
N/A	Other screening:	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Limbs, Wood, Trash

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm:** FCO Inc

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 806 **LOAD start date** 10 SEP 06 **Times (24hrs): Start** 0343 **End** 0425

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ____ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
(**2**) = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** X

AIR TEMP: 82 °C/°F(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	**None**	**25%**	**50%**	**75%**	**100%**
N/A	**Overflow screening:**	**None**	**25%**	**50%**	**75%**	**100%**
N/A	**Other screening:**	**None**	**25%**	**50%**	**75%**	**100%**

PORT SCREEN CONTENTS: Mud, Trash, Limbs, Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species) X
Horseshoe crab X
Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ____ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75%** (**100%**)

Observer's name: Martin Garrison **Observer firm:** ECO Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 861 **LOAD start date** 14 SEP 06 **Times (24hrs): Start** 0516 **End** 0604

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** >

AIR TEMP: 82 °C/°F(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Limbs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm:** ECO Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 508 **LOAD start date** 11 Sep **Times (24hrs): Start** 0700 **End** 0744

Condition of screening : Port good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** x

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** x °C/°F **Bottom** x °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Limbs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species) X
Horseshoe crab X
Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm:** ECO Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 809 **LOAD start date** 11 Sep 06 **Times (24hrs): Start** 0831 **End** 0915

Condition of screening : Port good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** good

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
(2) 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** X

AIR TEMP: 83 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: ___

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ___

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm:** ECO Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 810 **LOAD start date** 11 SEP 06 **Times (24hrs): Start** 1001 **End** 1046

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
(2) 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves X **Wind (speed & direction)** X

AIR TEMP: 77 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Limbs

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garron **Observer firm:** ECO Inc.

Observer's signature:

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 811 **LOAD start date** 11 Sep 06 **Times (24hrs): Start** 1139 **End** 1204

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Partly cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 1 **Wind (speed & direction)** SE 5K

AIR TEMP: 89 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) —
Shark (any species) —
Horseshoe crab —
Blue crab —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 812 **LOAD start date** 11 August 2006 **Times (24hrs): Start** 1321 **End** 1404

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
(2) 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 1 **Wind (speed & direction)** SEC 5K

AIR TEMP: 89 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C (°F) **Column (mid-depth)** — °C / °F **Bottom** — °C / °F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Julian

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) —
Shark (any species) —
Horseshoe crab —
Blue crab —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** (✓)

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75%** (100%)

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 813 **LOAD start date** 11 Sept 2006 **Times (24hrs): Start** 1506 **End** 1550

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 2-3' **Wind (speed & direction)** SE 5-10

AIR TEMP: 88 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) —
Shark (any species) —
Horseshoe crab —
Blue crab —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 814 **LOAD start date** 11 Sept 2006 **Times (24hrs): Start** 1642 **End** 1728

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 0 **Wind (speed & direction)** Calm

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Pelicans

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) —

Shark (any species) —

Horseshoe crab —

Blue crab —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 815 **LOAD start date** 11 Sept 2006 **Times (24hrs): Start** 1807 **End** 1857

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 0 **Wind (speed & direction)** Calm

AIR TEMP: 86 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 83 °C (F) **Column (mid-depth)** — °C / °F **Bottom** — °C / °F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% (100%)**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 116 **LOAD start date** 11 Sept 2006 **Times (24hrs): Start** 1955 **End** 2055

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (Circle One)

(0) = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 0 **Wind (speed & direction)** Calm

AIR TEMP: 84 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/ Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** (✓)

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley (Hawksbill) Leatherback

Comments: Draghead Clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75%** (100%)

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 117 **LOAD start date** 11 Sept 2006 **Times (24hrs): Start** 0157 **End** 2244

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 1 **Wind (speed & direction)** WC 5K

AIR TEMP: 84 °C/°F °F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash/Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) —

Shark (any species) —

Horseshoe crab —

Blue crab —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 818 **LOAD start date** 11 Sep 06 **Times (24hrs): Start** 2335 **End** 0017

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
(2) = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** x

AIR TEMP: 84 °C/°F(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C /(°F) **Column (mid-depth)** x °C /°F **Bottom** x °C /°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Limbs, Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75%** (100%)

Observer's name: Martin Garcia **Observer firm:** ECO Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 12 Sept 2006 Load #s: 819-832 Areas dredge worked: 16 → 70

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 82 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C /°(F) Column (mid-depth) X °C /° F Bottom X °C /° F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Trash & Debris

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
1259	T. truncatus	/	
		/	
		/	
		/	
		/	
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		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	

Observer name [signature] Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 819 **LOAD start date** 12SEP06 **Times (24hrs): Start** 0107 **End** 0153

Condition of screening : Port GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
(2) = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** X

AIR TEMP: 84 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/(°F) **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash, Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X

Shark (any species) X

Horseshoe crab X

Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm:** Eco. Inc.

Observer's signature:

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 820 **LOAD start date** 12 SEP 06 **Times (24hrs): Start** 0252 **End** 0339

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P Cloudy / Overcast

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	(3) = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 1-2 **Wind (speed & direction)** X

AIR TEMP: 77 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Not Checked due to Lightning

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X

Shark (any species) X

Horseshoe crab X

Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ___

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm:** ECO Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 821 **LOAD start date** 12 SEP 06 **Times (24hrs): Start** 0429 **End** 0513

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Overcast

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	(**3**) 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 1-2 **Wind (speed & direction)** X

AIR TEMP: 76 **°C/°F(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))**

WATER TEMP: Surface 88 **°C/°F Column (mid-depth)** X **°C/°F Bottom** X **°C/°F**

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Not Checked due to thunder

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ___

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garza **Observer firm:** ECO Inc

Observer's signature:

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 822 **LOAD start date** 12 Sept 06 **Times (24hrs): Start** 0606 **End** 0654

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Overcast

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 1 ft **Wind (speed & direction)** X

AIR TEMP: 74 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Mud, Trash, Debris, Limbs, Wood

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X

Shark (any species) X

Horseshoe crab X

Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Mark-Gaven **Observer firm:** ECO Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 823 **LOAD start date** 12 Sep 06 **Times (24hrs): Start** 0750 **End** 0834

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Overcast

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 1 ft **Wind (speed & direction)** X

AIR TEMP: 75 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 28 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash, Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species) X
Horseshoe crab X
Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Davis **Observer firm:** Ecolac

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 824 **LOAD start date** 12Sep06 **Times (24hrs): Start** 0930 **End** 1017

Condition of screening : Port good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 1 **Wind (speed & direction)** X

AIR TEMP: 75 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash & Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) ___

Shark (any species) ___

Horseshoe crab ___

Blue crab ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm:** ECO Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 825 **LOAD start date** 12 Sept 06 **Times (24hrs): Start** 1106 **End** 1149

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 0.25 **Wind (speed & direction)** X

AIR TEMP: 85 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO. Inc.

Observer's signature: J. Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 826 **LOAD start date** 12 Sept 2006 **Times (24hrs): Start** 1233 **End** 1317

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 0 **Wind (speed & direction)** Calm

AIR TEMP: 87 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 86 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead clean

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Dennis Scott **Observer firm:** ECO, Inc

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 827 **LOAD start date** 12 Sept 2006 **Times (24hrs): Start** 1410 **End** 1545

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 0 **Wind (speed & direction)** Calm

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 28 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) —
Shark (any species) —
Horseshoe crab —
Blue crab —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: Jennifer Scott

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 828 **LOAD start date** 12 Sept 2006 **Times (24hrs): Start** 1651 **End** 1734

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 0 **Wind (speed & direction)** Calm

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C/(°F) **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	(100%)
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% (100%)**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 825 **LOAD start date** 2 Sept 2006 **Times (24hrs): Start** 1833 **End** 1921

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 2-3 **Wind (speed & direction)** NW @ 10-15K

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 8 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Dragheads clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75%** ~~100%~~

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 830 **LOAD start date** 12 Sept 2004 **Times (24hrs): Start** 2000 **End** 2053

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 2-3 **Wind (speed & direction)** NW @ 10-15

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 °C/°F **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** —
- **Blue crab** —

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Draghead Clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** ECO, Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 63 **LOAD start date** 12 Sept 2006 **Times (24hrs): Start** 2149 **End** 2233

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 2 **Wind (speed & direction)** NW @ 10C

AIR TEMP: 90 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** ___ °C/°F **Bottom** ___ °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash / Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** ___
- **Shark (any species)** ___
- **Horseshoe crab** ___
- **Blue crab** ___

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments: Dragheads clear

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Jennifer Scott **Observer firm:** BP, Inc

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 832 **LOAD start date** 12 Sept 2006 **Times (24hrs): Start** 2322 **End** 0010

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
(**2**) = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** X

AIR TEMP: 89 **°C/°F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 82 **°C (°F) Column (mid-depth)** X **°C / °F Bottom** X **°C / °F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash & Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs:** None 25% 50% 75% (100%)

Observer's name: Martin Garcia **Observer firm:** ECO Inc

Observer's signature:

ENDANGERED SPECIES OBSERVER PROGRAM

DAILY REPORT

USACE DISTRICT: NEW ORLEANS, LA CONTRACT: W912P8-05-D-0005 Task Order 3

PROJECT NAME: CALASIEU BAR RENTAL DREDGE NAME: COLUMBIA

DREDGE FIRM: B+B DREDGING

Date: 13Sep06 Load #s: 833-836 Areas dredge worked: 16 → 70

Beaufort Sea State: 0 1 (2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 82 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F Column (mid-depth) X °C/°F Bottom X °C/°F

Condition of deflector: Good Condition of screening: Good

Were there incidents involving endangered or protected species? YES ___ NO ✓

Which species? (complete incident form(s)) N/A

Comments (type of material, biological specimens, unusual circumstances, etc):

Trash & Debris

BRIDGE WATCH SUMMARY

Time	Species	# Sightings/# Animals	Location/Comments
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
		/	
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		/	
		/	
		/	
		/	
		/	

Observer name [signature] Observer Firm East Coast Observers

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 833 **LOAD start date** 13 SEP 06 **Times (24hrs): Start** 0104 **End** 0147

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: Partly Cloudy

Tidal stage (CIRCLE ONE): Slack (Rising) **High Falling Low Unknown**

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
(2) = 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 0.5 **Wind (speed & direction)** X

AIR TEMP: 84 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C / (°F) **Column (mid-depth)** X °C / °F **Bottom** X °C / °F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash & Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X

Shark (any species) X

Horseshoe crab X

Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs:** None 25% 50% 75% (100%)

Observer's name: Martin Garcia **Observer firm:** ECO Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 834 **LOAD start date** 13 Sept **Times (24hrs): Start** 0251 **End** 0335

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
2 = 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 1 **Wind (speed & direction)** X

AIR TEMP: 82 **°C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))**

WATER TEMP: Surface 88 **°C / °F Column (mid-depth)** X **°C / °F Bottom** X **°C / °F**

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash, Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species)
Horseshoe crab
Blue crab

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% 100%**

Observer's name: Martin Garcia **Observer firm:** ECO Inc.

Observer's signature:

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 835 **LOAD start date** 13Sep06 **Times (24hrs): Start** 0832 **End** 0879

Condition of screening : Port Good **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** Good

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising (High) Falling Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	3 = 7 - 10 knot/ 2 ft	6 = 22 - 27 knot/ 10 ft	9 = 41 - 47 knot/ 23 ft	12 = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	4 = 11 - 16 knot/ 4 ft	7 = 28 - 33 knot/ 14 ft	10 = 48 - 55 knot/ 29 ft	
(2 =) 4 - 6 knot/ 0.5 ft	5 = 17 - 21 knot/ 6 ft	8 = 34 - 40 knot/ 18 ft	11 = 56 - 63 knot/ 37 ft	

Waves 1 **Wind (speed & direction)** X

AIR TEMP: 83 °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE

X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash & Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

Sturgeon (any species) X
Shark (any species) X
Horseshoe crab X
Blue crab X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** X

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm:** ECO Inc.

Observer's signature: [signature]

ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: New Orleans, LA

CONTRACT # W912P8-05-D-0005 Task Order 3 **Maintenance** X/**New Work** _ **Project start date** 5/25/06

PROJECT NAME: Calcasieu Bar Rental **DREDGE NAME:** *M/V Columbia*

DREDGE FIRM: B + B Dredging

LOAD #: 836 **LOAD start date** 13Sep06 **Times (24hrs): Start** 0631 **End** 0723

Condition of screening : Port GOOD **Starboard** N/A **Overflow** N/A

Number of dragheads in use: 1 **Type of draghead used:** Standard TED **Size of draghead:** 6'

Draghead deflector? YES X **NO** ___ **Condition of deflector:** GOOD

Type of material dredged: Mud

Weather conditions: P Cloudy

Tidal stage (CIRCLE ONE): Slack Rising High (Falling) Low Unknown

Beaufort Sea States (Winds/Wave Height) (Circle One)

0 = <1 knot / 0ft	**3** = 7 - 10 knot/ 2 ft	**6** = 22 - 27 knot/ 10 ft	**9** = 41 - 47 knot/ 23 ft	**12** = >63 knot/ 45 ft
1 = 1 - 3 knot/ 0.25 ft	**4** = 11 - 16 knot/ 4 ft	**7** = 28 - 33 knot/ 14 ft	**10** = 48 - 55 knot/ 29 ft	
(**2**) 4 - 6 knot/ 0.5 ft	**5** = 17 - 21 knot/ 6 ft	**8** = 34 - 40 knot/ 18 ft	**11** = 56 - 63 knot/ 37 ft	

Waves 1 **Wind (speed & direction)** X

AIR TEMP: 83 °C/°F(°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 88 °C/°F **Column (mid-depth)** X °C/°F **Bottom** X °C/°F

SCREEN TYPE						
X	**Inflow screening:**	None	25%	50%	75%	100%
N/A	**Overflow screening:**	None	25%	50%	75%	100%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: Trash & Debris

STARBOARD SCREEN CONTENTS: N/A

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** X
- **Shark (any species)** X
- **Horseshoe crab** X
- **Blue crab** X

TURTLE OR TURTLE PARTS PRESENT THIS LOAD: YES ___ **NO** ✓

SPECIES OF TURTLE TAKE: Unknown Loggerhead Green Kemp's ridley Hawksbill Leatherback

Comments:

Number observers used / 24 hrs: 2 **% Monitoring / 24 hrs: None 25% 50% 75% (100%)**

Observer's name: Martin Garcia **Observer firm:** ECO Inc

Observer's signature: