ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Galveston

CONTRACT #: W912HY07B0022 **Maintenance** X **/New Work** ____ **PROJECT start date** 10-11-07

PROJECT NAME: Freeport Harbor Channel **DREDGE NAME:** Liberty Island

DREDGE FIRM: GLDD

LOAD #: 293 **LOAD start date:** 10/4/07 **Times (24hrs): Start** 1951 **End** 2349

Condition of screening : Port Good **Starboard** Good **Overflow** Good

Number of dragheads in use: 2 **Type of dragheads used:** Single Visor **Size of dragheads:** 8' x 8'

Draghead deflector? YES X **NO** ____ **Condition of deflector:** ~~Good~~ several sections of grid port drag - connecting chain broken - will be repaired

Type of material dredged: mud / clay

Weather conditions: Clear - mild - good vis

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

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

0 = <1 knot/ 0 ft	3 = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
(2) = 4- 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: 64 **°C/(F)** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 73 **°C/(F) Column (mid-depth)** — **°C/°F Bottom** — **°C/°F**

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

~~PORT~~ Central SCREEN CONTENTS: 1 Kemp Ridley Turtle (Box extends Port to Stbd)

~~STARBOARD SCREEN CONTENTS~~: debris - tire, lg Rocks, clay balls, line, rope, plastics, plywood pieces, wood lumber,

Estimate number entrained on this load for the following:

Sturgeon (any species) ____

Shark (any species) ____

Horseshoe crab ____

Blue crab 1 ♂ overflow

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

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

Comments: Drifting for ~5 min then had maint delay
Turtle processed following protocol. * On standby for generator down 0130

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

Observer's name: Leslie Osborn **Observer firm** ECO, Inc

Observer signature L. Osborn