ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Jacksonville, FL

CONTRACT #: W912EP-10-C-0038 **Maintenance** X **/New Work** _____ **PROJECT start date** APR 16, 2011

PROJECT NAME: Entrance Channel & Turning Basin, U.S. Naval Station Mayport **DREDGE NAME:** Liberty Island

DREDGE FIRM: GLDD

LOAD #: 45 **LOAD start date:** 11 MAY 11 **Times (24hrs): Start** 0543 **End** 1237

Condition of screening : Midship ~~Port~~ good ~~Starboard~~ _____ **Overflow** good

Number of dragheads in use: 2 **Type of dragheads used:** GLDD **Size of dragheads:** 900mm

Draghead deflector? YES ✓ **NO** ____ **Condition of deflector:** Good

Type of material dredged: SAND/CLAY

Weather conditions: Clear, Calm

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

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

0 = <1 knot/ 0 ft	(3) = 7-10 knot/ 2 ft	6 = 22-27 knot/10 ft	9 = 41-47 knot/23 ft	12 = >63 knot/45
1 = 1- 3 knot/ 0.25 ft	4 = 11-16 knot/ 4 ft	7 = 28-33 knot/14 ft	10 = 48-55 knot/29 ft	
2 = 4- 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):** WSW @ 9 kts

AIR TEMP: 74 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 74.1 °C/(°F) **Column (mid-depth)** -------- °C/°F **Bottom** -------- °C/°F

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

Midship ~~Port~~ **SCREEN CONTENTS:** Rope, Rocks, plastic, Fishing Line

Overflow ~~Starboard~~ **SCREEN CONTENTS:** Rope, Rocks, plastics, wood chunks (4) horseshoe crabs (3) blue crab

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** _____
- **Shark (any species)** _____
- **Horseshoe crab** 4
- **Blue crab** 3

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

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

Comments: Dragheads Starboard Draghead contained Caretta Sea Turtle, otherwise good

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

Observer's name: J. Drenth / T. Dobrowolski **Observer firm** REMSA, Inc.

Observer signature [signature]