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 #: 40 **LOAD start date:** 8 may 11 **Times (24hrs): Start** 1616 **End** 2005

Condition of screening : midship ~~Port~~ Good ~~Starboard~~ _____ **Overflow** Good

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

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

Type of material dredged: SAND/CLAY

Weather conditions: Slightly overcast, 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 **ft Wind (speed & direction):** W @ 4 kts

AIR TEMP: 79°F °C °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 74.3 °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:** Large Steele cable, rocks, plastic, rope fishing line, whelk,

overflow ~~**STARBOARD**~~ **SCREEN CONTENTS:** (1) Juvenile green turtle, (4) horseshoe crab (1) grey flounder, (2) blue crab, wood, clay, plastic

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** _____
- **Shark (any species)** _____
- **Horseshoe crab** 4
- **Blue crab** 2

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

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

Comments: Dragheads: Moderatly packed with clay, rocks

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

Observer's name: A. Dobrowolski **Observer firm** REMSA, Inc.

Observer signature _____