ENDANGERED SPECIES OBSERVER PROGRAM

LOAD DATA FORM

USACE DISTRICT: Jacksonville, FL

CONTRACT #: W912EP-11-D-0004 **Maintenance** X **/New Work** _____ **PROJECT start date** 09Feb2011 18

PROJECT NAME: 46' Proj Entrance Chan(Cut-1N) Kings Bay, GA **DREDGE NAME:** ~~Dredge~~ Island Terrapin

DREDGE FIRM: GLDD

LOAD #: 65 **LOAD start date:** 15Mar11 **Times (24hrs): Start** 0929 **End** 1658

Condition of screening : **Port** good **Starboard** good **Overflow** —

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

Draghead deflector? YES X **NO** ____ **Condition of deflector:** good.

Type of material dredged: black mud

Weather conditions: sunny + 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 **ft** **Wind (speed & direction):** W 4 knots

AIR TEMP: 74.0 °C/°(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 56.5 °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 SCREEN CONTENTS: Cownose rays, shells, plastic, mud, wood, horseshoe crabs, sponges, netting, crab pot wire, string

STARBOARD SCREEN CONTENTS: *Turtle pieces* (neck tissue, scutes) (Not fresh) cownose rays (approx 8), plants, wood, wire,

Estimate number entrained on this load for the following:

- **Sturgeon (any species)** —
- **Shark (any species)** —
- **Horseshoe crab** ± 15
- **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: Stan Friedman / Elizabeth Bevan **Observer firm** REMSA Inc.

Observer signature Stan F. / E Bevan