Endangered Species Observer Program
LOAD DATA FORM

Project Name: DUVAL COUNTY BEACH RENOURISHMENT **USACE District:** JACKSONVILLE

Dredge Name: M/V PADRE ISLAND **Dredge Firm:** GREAT LAKES

Date 08 / 07 / 2011 **LOAD #:** 153

Times (24hrs): Start 2012 **End** 2145 **Dump** 2256-2337

Location, Lat/Long: N 30 ° 20 . 888 **W** 81 ° 15 . 439

Condition of screening: PORT GOOD **STBD** GOOD **OVERFLOW** N/A

Number of dragheads in use: 2 **Type of dragheads used:** "TAMED DRAGON" **Size of dragheads:** 8 FT.
Draghead deflector? YES ✓ **NO** ___ **Condition of deflectors:** NEW / EXCELLENT

Type of material dredged: Sand
Weather conditions: thunderstorms, rain

TIDAL STAGE (circle one): Slack Rising High (Falling) Low Unknown

BEAUFORT SEA STATE (Enter BSS 1-8) 3-4 **WAVE HEIGHT:** 1-4 **ft** w/ heavy swells

WIND (speed & direction): SW 15-20 **AIR TEMP:** 28.9 **(°C) / °F** (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 24.8 **(°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%
N/A	**Other screening:**	None	25%	50%	75%	100%

PORT SCREEN CONTENTS: FWD: clean
AFT: rocks
STBD SCREEN CONTENTS: FWD: gastropods
AFT: rocks, gastropods, seagrass
OVERFLOW 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** Ø

TURTLE OR TURTLE PARTS PRESENT THIS ~~LOAD~~: YES ✓ **NO** ___
SPECIES OF TURTLE TAKE: Unknown (Loggerhead) Green Kemp's Ridley Hawksbill Leatherback

Comments: 1 sighting of 12 bottlenose dolphins (T. truncatus) off portside and near the bow of the ship at 2024 30°20.890N x 81°15.351W stayed around the ship until 2042

* CARETTA CARETTA TAKE IN STARBOARD DRAG HEAD
See attached turtle take data form.

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

Observer's Name: Jennifer Atkinson **Observer firm** COASTWISE CONSULTING