ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Tampa Bay, Florida
USACE, Jacksonville District - Winter 1996

DAILY REPORT

Date: 5 / 1 / 96 Loads: 200-203

Area(s) Worked:(Lat/Long, Sectional & Channel Markers) Egmont Channel Buoys 11-14
Mullet Key Channel Buoys 19-22; 23-26

Weather Conditions: Skies clear to partly cloudy, seas 4-5' → calm
Winds N 15-20 kt → 5-10 kt

H2O Temp Surf. 78°F
H2O Temp Mid. 76°F
At Egmont Key Anchorage

Condition of Turtle Deflectors: Inboard chain on port side broken; outboard on starboard broken
Chain meshing on both sides ripping off

Condition of all screening:
Screening in excellent condition

Are there incidents involving endangered or protected species? Yes ✓ No ____

Comments: Adult female loggerhead (Caretta caretta) impinged in port dragheard at the end of Load #202. Turtle was in one piece hanging by the head which was caught between grates. Carapace and plastron were both shattered and the internal organs exposed and mangled. The turtle was alive at the time of take. Sex was determined based on short length of tail (9cm). Head width was 20 cm. Other measurement were approximate. Specimen not suitable for necropsy. Turtle was photographed, weighted and sunk at dump site. For further information see Load Sheet #202 and accompanying Incident Report.

Dredge at Egmont Key Anchorage for engine repairs 1100 to 1500.

Repairs to chain meshing on deflectors are ongoing.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	3	Egmont Channel in vicinity of Range Marker

Observer(s) On Duty: Cheryl Ryder, William Betts

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Tampa Bay, Florida
USACE, Jacksonville District - Winter 1996

WEEKLY SUMMARY

Dates: 4/28/96 - 5/4/96 Loads: 193-214

Area(s) Worked (Lat/Long, Sectional & Channel Markers): Mullet Key Channel 2A, 19-22, 23-26
Egmont Channel Buoys 11-14

Range of H2O Temperature 72°-78°F Obtained from: Observer w/thermometer overboard

Are there incidents involving endangered or protected species? Yes ✓ No____

Comments and General Observations:

An adult female loggerhead (Caretta caretta) was taken during load #202. The turtle was impinged by the head in the port drag head with plastron and carapace shattered. The turtle was alive at the time of take. Additional information is available on load sheet #202 and accompanying incident report.

Observations of target species included the sighting of one dead adult loggerhead floating on the surface 1.4 miles East of disposal area on 5/2/96 and the sighting of 2 live loggerheads at the surface near buoy 5 on 5/4/96.

Spoil material continues to have a minimal amount of marine life. Samples obtained from the screens and skimmers included: sponges, horseshoe crabs, blue crabs, stingrays, sea cucumbers, keyhole urchins, shrimp, marine worms, whelks and whelk egg cases. The screens and skimmers are in excellent condition.

The port and starboard deflectors required extensive maintenance throughout this week. Initial problems on 4/30/96 involved broken inboard and outboard chains and ripped wire meshing. On 5/2/96 the chains were replaced with shackles. On 5/4/96 the padeye on the starboard deflector broke and the shackle on the port deflector broke. The deflectors are requiring a great deal of maintenance. Causative factors may include obstruction in the channel, or the topography of the shoal area.

All work is currently being conducted in Egmont Channel.

Observer William Betts was replaced by Andrew Brown on 5/3/96.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	4	11	Bottlenose dolphins observed in channel
Unidentified Dolphins (Spotted?)	1	2	1.4 miles East of disposal area
Caretta caretta	1 (Dead)	1	Seen 5/2/96 Floating dead
Caretta caretta	2	2	Observed 5/4/96 East of buoy 5

Observer(s) On Duty: Cheryl Ryder, William Betts, Andrew Brown