ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Manhattan Island

Galveston Entrance Channel

DAILY REPORT

Date: 09 /29 /99 Loads: 217-223

Area(s) Worked: 29°19'N 94°39'W

Weather Conditions: cloudy winds variable (SE → W → NNE) 10-25 seas 1-5'

Range of H_2O Temperature: Surface 78° Below Mid-Depth 76-77°

Condition of all screening apparatus: good. Repairs made to port overflow screening.

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

Comments (type of material being dredged, biological specimens, etc.):

Dredged material is silt, sand + clay. Debris is light.
Dolphin (Tursiops truncatus) continue to be abundant in the area. One loggerhead (Caretta caretta) was spotted today.
During load #223, one juvenile green sea turtle (Chelonia mydas) was found, alive, on a forward skimmer. See attached incident report for details. The turtle was kept warm + damp overnight for transport to Galveston in the morning to the NMFS facility. NMFS, Captain Taylor, Sam Morrison + Chris Slay were all notified of the incident.
Dredging continued through overflow with turtle boxes open + hopper perimeter screening through load 220 (with ACOE approval). Loads 221 → 223 dredged using skimmer screening only, as dredging stopped before overflow due to necessary repairs on the deck.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	Many	Many	feeding, socializing, bow-riding
Caretta caretta	1	1	in channel

Observer(s) On Duty: Kirsten Dahlen + Chris Carroll

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Manhattan Island

Project Galveston Entrance Channel

WEEKLY SUMMARY

Dates: 09 / 26 / 99 - 10 / 02 / 99 Loads: 194-246

Range of H_2O Temperature: Surface 77-81° F Below Mid-Depth 76-80°F

Area(s) Worked: 29°19'N 94°39'W

Are there incidents involving endangered or protected species? Yes X No

Comments: Dredged material is silt, sand & clay. Debris light. Biota include: shrimp, catfish, mullet, bi-color eel, bryozoa, sargassum, blue crab, & jellies.

Dolphin (Tursiops truncatus) abundant in the area.

Dredging to overflow with inflow boxes open (with ACOE approval, and 4x4 mesh around hopper perimeter).

Two turtles were sighted from the bridge - one loggerhead (Caretta caretta) in the channel and one Kemp's Ridley (Lepidochelys kempii) also in the channel.

In load #223, one juvenile green sea turtle (Chelonia mydas) was recovered, alive, from the port skimmer. ACOE, NMFS, NATTO & Chris Slay were all contacted. The turtle died over night & was taken to shore (to NMFS Galveston) for necropsy.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	Many	Many	channel & dump, feeding & socializing
Lepidochelys kempii	1	1	channel
Caretta caretta	1	1	channel

Observers On Duty: K Dahlen & C. Carroll