ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Port Mansfield, TX

DAILY REPORT

Date 19 / March / 2002 Load Numbers 88 - 94

Area(s) Worked 26°33 N 97°16W

Weather Conditions (incl. sea conditions) mostly partly to cloudy; haze/fog; winds SE 10 ⇒ 30; BSS 2 ⇒ 4

Range of Water Temp., Surface 64-65°F Below Mid-Depth 64-65°F

Condition and Effectiveness of Screening all screening is in excellent condition

Are there incidents involving endangered or protected species? (YES) NO

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Dredged material is mostly sand with some silt, rock, shell, grass and wood. Debris is minimal. By-catch includes: Dasyatis americana, Crassostrea virginica, Callinectes sapidus, Busycon contrarium, Scaienops ocellatus, Dinocardium robustum, Leptogorgia virgulata, anemone Strombus spp., Stomolophus meleagris, Trinectes maculatus, Astropectens articulatus, Noetia ponderosa, Bryozoa spp., Spartina spp., Sargassum spp., Phalium granulatum, Luida clathrata, Chelonibia patula, Ulva lactuca, Rhinoptera bonasus, Aurius felis and a Tursiops bone.

The right front fore flipper of a Chelonia mydas was recovered in the port forward inflow box. Please see attached incident report for further details.

There were no additional sightings of or incidents involving sea turtles or other protected, threatened or endangered species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	10-12	all day; feeding on "bait ball" of jacks 1300-1400
Ajaia ajaja	100+	flying north (Roseate Spoonbills)
Eudocimus albus	200+	
Falco peregrinus	3	flying north
Buteo albicaudatus	1	

Observer(s) on duty Kirsten Dahlen and Chris Laughlin

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Port Mansfield, TX

DAILY REPORT

Date 20 / March / 2002 Load Numbers 95 - 98

Area(s) Worked 26°33 N 97°16 W

Weather Conditions (incl. sea conditions) p cloudy NNW 20-30 BFS 2-4

Range of Water Temp., Surface 64-65°F Below Mid-Depth 64-65°F

Condition and Effectiveness of Screening All screening is in excellent condition

Are there incidents involving endangered or protected species? (YES) NO

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Dredged material is mostly sand with silt, shell rock, and grass. Trash is minimal. By-catch includes: Dasyatis americana, Bryocon contranium, Crassostrea virginica, Bryozoa spp, Strombus spp., and Chepidula plana.

Dredge Northerly Island went to stand-by after load 98 at the ACOE's request due to sea turtle takes

A section of Chelonia m. mydas carapace was recovered in load #95. The entire plastron, (2) hind flippers and left front flipper of a juvenile C. m. mydas was recovered in load #97. Please see attached incident reports for further details.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	10	all day feeding + swimming throughout area

Observer(s) on duty Kirsten Dahlen and Chris Laughlin

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Port Mansfield, TX

WEEKLY SUMMARY

Dates 17 /March/2002 - 21 /March/2002 Load Numbers 74-98

Range of Water Temp., Surface 60°-65°F Below Mid-Depth 60-65°F

Areas Worked (lat/longs, stations) 26°33 N 97°16W

Are there incidents involving endangered or protected species? YES (NO)

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

Dredged material is mostly sand with some grass, silt, rock, wood + shell. Debris is minimal. By-catch includes: Dasyatis americana, Rhinoptera bonasus, Sciaenops ocellatus, Trinectes maculatus, Rhinobatus lentiginosus, Crassostrea virginica, Busycon contrarium, Leptogorgia virgulata, Bryozoa spp., Callinectes sapidus, Dinocardium robustum, Strombus spp., Stomolophus meleagris, Astropectens articulatus, Noetia ponderosa, Crepidula plana, C. fornicata, Spartina spp, Sargassa spp., anemones, a sea turtle rib bone (load 91), and a T. truncatus bone (load 93).

On 19 March, the right front flipper of a Chelonia mydas mydas was recovered from the port forward inflow box in load #93. On 20 March, a section of carapace was recovered from the port forward inflow, load #95. Species (C.m. mydas), size, location and state of decay all indicate this is part of the same turtle taken in load #95. On 20 March, a juvenile C.m. mydas was recovered from the STB aft inflow. The Dredge Northerly Island was on stand-by following load #98. The project at the Port Mansfield jetties was shut down on 21 March by the ACOE due to turtle takes here and in Brownsville.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
17 /Mar	T. truncatus (10); S. meleagris;	feeding + socializing
18 /Mar	T. truncatus; Eudocimus albus; S. meleagris	feeding + socializing
19 /Mar	T. truncatus; Ajaia ajaja (100+); E. albus; Falco peregrinus (3); Buteo albicaudatus (1)	
20 /Mar	T. truncatus (10)	feeding + socializing
21 /Mar	—	—
/		
/		

Observers on duty Kirsten Dahlen + Chris Laughlin