ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *MACFARLAND* / USACE, Philadelphia District
Mississippi River Gulf Outlet / USACE, New Orleans District
Spring 1998

DAILY REPORT

Date: 4 / 13 / 98 Loads: 539 - 553
Area(s) Worked: 29°27' N, 89°01' W
Weather Conditions: Cloudy, winds 15-25 kts, seas 3-5
Range of H_2O Temperature: Surface 69-68 °F Below Mid-Depth 68-66 °F
Condition of all screening apparatus: Good

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

Comments (type of material being dredged, biological specimens, etc.):
- FOUR FRAGMENTS OF a Caretta caretta Carapace were Found at 0113 in Load # 539 in the PORT Discharge Box
- MATERIAL dredged consisted OF SILT and MUD
- Biological SPECIMENS Found WERE sea stars, Blue crab, Pen shells, lightning whelk, and a Stingray

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	1	3	IN Channel Near Marker #5

Observer(s) On Duty: ANDREW JACKSON, STACIE Knight

ENDANGERD SPECIES OBSERVER PROGRAM
Dr e *MACFARLAND* / USACE, Philadel a District
Mississppi River Gulf Outlet / USACE, New Orleans District
Spring 1998

WEEKLY SUMMARY

Dates: 4 / 12 / 98 - 4 / 18 / 98 Loads: # 524 - 602

Range of H_2O Temperature: Surface 71° - 68°F Below Mid-Depth 69° - 66°F

Area(s) Worked: 29°27' N , 89° 01 W

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

Comments (Attach Daily Reports and Incident Reports as necessary):

- A Loggerhead turtle was found in load # 539 on 4-13-98. Four fragments of the carapace was recovered from the port discharge box. on 4-14-98 in load # 562 another fragment of the carapace was found in the port box. This did not look like a fresh kill.

- MATERIAL DREDGED was silt and mud

- Biological specimens seen were pen shells, lightning whelks, moon snails, spider crabs, blue crabs, sea stars, stingray, skate, dogfish, cobia, and other unidentified fish.

- ABIOTIC MATERIAL found included wood, metal cable, and plastics

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	2	13	seen in channel

Observers On Duty: ANDREW JACKSON, STACIE KNIGHT

ENDA GERED SPECIES OBSERVER PR GRAM
Dredge *MACFARLAND* / USACE, Philadelphia District
Mississippi River Gulf Outlet / USACE, New Orleans District
Spring 1998

DAILY REPORT

Date: 4 / 14 / 98 Loads: 554 - 566

Area(s) Worked: 29° 27' N, 89° 01' W

Weather Conditions: Cloudy / Wind 15-20 kts, Seas 3-5

Range of H_2O Temperature: Surface 69°-68° F Below Mid-Depth 67° F

Condition of all screening apparatus: Good

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

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

- MATERIAL DREDGED WAS SILT + MUD

- A FRAGMENT OF THE CARAPACE OF A Caretta caretta WAS Found in the Port Discharge Box on Load #562 at 1545. SPECIMEN IS OBVIOUSLY old, it had odor and NO connective tissue. Most LIKELY a FRAGMENT OF the large TURTle take on 4/13.

- OTHER Biological SPECIMEN SEEN WERE Blue Crabs, SEASTARS, Lightning whelks, Stingray, and several large unidentified Fish

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Andrew Jackson, Stacie Knight