ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Stuyvesant - Galveston, TX.
USACE, Galveston District

DAILY REPORT

Date: 1, 4, 99 **Loads:** 153-159

Area(s) Worked: LAT N29° 17' 84 / LONG W94° 37' 74

Weather Conditions: OVERCAST TO CLEAR, WIND 5-25 KTS, SEAS 1-4'

Range of H_2O Temperature: **Surface** 0600-12.5°C 1400-13.3°C 2200-13.9°C **Below Mid-Depth** 0600-12.7°C 1400-13.3°C 2200-13.9°C

Condition of all screening apparatus: SCREENED GATES ON TURTLE BOXES REMAIN OPEN. OVERFLOW SCREENS ARE GOOD.

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

Comments (type of material being dredged, biological specimens, etc.): A RIGHT REAR FLIPPER OF A KEMPS RIDLEY (LEPIDOCHELYS KEMPII) SEA TURTLE WAS FOUND @ 0216 HRS ON THE OVERFLOW SCREEN. NO OTHER PARTS WERE FOUND. FLIPPER WAS IN VERY GOOD CONDITION WITH NO BLOOD & A SLIGHT ODOR. NOTE THAT THE TURTLE INFLOW BOXES' GATES ARE OPEN DURING LOADING OF MATERIAL MAKING IT NEARLY IMPOSSIBLE TO EFFECTIVELY MONITOR FOR TURTLE TAKES. AN INCIDENT REPORT WAS FILED AT THE NMFS SOUTHEAST REGIONAL OFFICE & GALVESTON DISTRICT.

MATERIAL DREDGED IS SILT, MUD & LARGE QUANTITIES OF HARD CLAY WHICH IS THE REASON FOR THE SCREENED GATES BEING OPEN. PERMISSION GIVEN BY ACOE. BIOLOGICAL SPECIMENS ALSO INCLUDE FLOUNDER, SMALL DRUM, 3 SPIDER CRABS, 7 BLUE CRABS, & JELLYFISH.

PLEASE NOTE THAT THE CREW OF THE STUYVESANT ARE VERY COOPERATIVE WITH OBSERVERS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TURSIOPS TRUNCATUS	1	12	—

Observer(s) On Duty: HEATHER PAIGE, CHRIS STARBIRD

ENDANGERED SPECIES OBSERVER PROGRAM

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WEEKLY SUMMARY

Dates: 1/3/99 - 1/9/99 Loads: 146 - 181

Range of H_2O Temperature: Surface Low = 13.3 (56°F) High = 14.4 (58°F) Below Mid-Depth

Area(s) Worked: Lat N29°17'84 / Long W 94°37'74

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

Comments: Material dredged has been exclusively clay-like. The screen have remained off the intake boxes making it difficult to determine what comes into the hopper.

We continue to monitor the top of the load and overflow. On Jan. 4 a Kemps ridley right rear flipper was found on the overflow screen. No other parts were found. Flipper was in good condition having been pulled out dislocating the humerus from its socket. An incident report was filed at the National Marine Fisheries Service Southwest regional office and with the Army Corps of Engineers.

Other Biological material/specimens include: Blue crabs (Callinectes sapidus), Spider crabs (Libinia emarginata), Red Drum Fish (Sciaenops ocellatus), Southern Flounder (Paralichthys americanus)

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: C.H. Stanford, H. Paige