DAILY LOG SHEET

DREDGE STUYVESANT
MISSISSIPPI RIVER GULF OUTLET
DACW29-96-C-0068

DATE : 08/22/96

LOAD NOS. : 0001 - 0003 STATION/S : 1127+10 → 1143+18

WEATHER : SEAS 4'-6' ; WIND E 14-20k ; SKY PTLY CLDY

CONDITION OF DRAGARM T.E.D. :
PORT : N/A
STBD : N/A

INFLOW SCREENING :
PORT : GOOD
MID : /
STBD : /

OVERFLOW SCREENING : 3/4 COVERAGE (GOOD)

DREDGED MATERIAL SAMPLES : WOOD, PLASTIC, DETRITUS, MUD & SILT. 5 HARDHEAD CATFISH WERE TAKEN AT OVERFLOW SCREENING ON LOAD 003.

PROTECTED SPECIES INCIDENTS : Y ____ N X
SPECIES ____ NO. ____
SIGHTINGS : Y ____ N X
SPECIES ____ NO. ____

COMMENTS AND/OR OBSERVATIONS :

OBSERVER NAME : DANA ROSS, DANIEL SUTTON

SIGNATURE : Dana Ross

Attachment 2

DAILY LOG SHEET

DREDGE STUYVESANT
MISSISSIPPI RIVER GULF OUTLET
DACW29-96-C-0068

DATE : 08/23/96

LOAD NOS. : 004 – 013

WEATHER : SEAS 2'–4' WIND ESE 6-14K SKY PTLY CLD TEMP 86°F

CONDITION OF DRAGARM T.E.D. :
PORT : N/A
STBD : N/A

INFLOW SCREENING :
PORT : EXC SEE COMMENTS:
MID : EXC
STBD : EXC

OVERFLOW SCREENING : N/A

DREDGED MATERIAL SAMPLES : DREDGED MATERIAL CONTINUE TO BE FINE SILT/SAND MIXTURE. OTHER SAMPLES INCLUDE WOOD, ROCKS, GRASS, PLASTIC (HARD & SOFT) AND SHELLS.
BIOLOGICALS TAKEN INCLUDED HARDHEAD CATFISH, MISC SMALL FISH, ELL, AND ONE DOGFY.

PROTECTED SPECIES
INCIDENTS : Y ____ N X
SPECIES ____ NO. ____
SIGHTINGS : Y X N ____
SPECIES 7+ BOTTLENOSE DOLPHIN NO. 5

COMMENTS AND/OR OBSERVATIONS : ALL OVERFLOW SCREENING WAS REMOVED B/T LOADS 006 & 007.
STARBOARD INFLOW SCREENING WAS LIFTED B/T LOADS 010 AND 011 ALLOWING ACCESS FOR INSPECTION AN INSPECTION OF ALL INFLOW SCREENING. SCREENS ARE IN EXCELLENT WORKING CONDITION.

OBSERVER NAME : DANA ROSS, DANIEL SUTTON

SIGNATURE : Dana Ross

DAILY LOG SHEET

DREDGE STUYVESANT
MISSISSIPPI RIVER GULF OUTLET
DACW29-96-C-0068

DATE : 08/24/96

LOAD NOS. : 014 - 022

WEATHER : WIND ESE 0-2K, SEAS CALM W/ 2' SWELL, SKY PTLY CLDY - CLEAR, 85-97°F

CONDITION OF DRAGARM T.E.D. :
PORT : N/A
STBD : N/A

INFLOW SCREENING :
PORT : EXC.
MID : EXC.
STBD : EXC.

OVERFLOW SCREENING : N/A

DREDGED MATERIAL SAMPLES : DREDGED MATERIAL MOSTLY FINE SILT AND SAND. THERE HAS BEEN A MINIMAL AMOUNT OF WOOD, GRASS (?), ROCK, PLASTIC, AND ROPE TAKEN ALSO.
BIOLOGICALS TAKEN WERE ONE HARDHEAD CATFISH AND ONE STINGRAY.

PROTECTED SPECIES

INCIDENTS : Y ____ N X
SPECIES ____ NO. ____
SIGHTINGS : Y X N ____
SPECIES TT (BOTTLENOSE DOLPHIN) NO. 35-45

COMMENTS AND/OR OBSERVATIONS :

OBSERVER NAME : DANA ROSS, DANIEL SUTTON

SIGNATURE : Dana Ross

DAILY LOG SHEET

DREDGE STUYVESANT
MISSISSIPPI RIVER GULF OUTLET
DACW29-96-C-0068

DATE : 8/25/96

LOAD NOS. : 023 - 032 STATION: 1127+10 → 1143+18

WEATHER : WINDS CALM, SEAS CALM - 2', SKY OVERCAST - THUNDERSTORMS, 96°F

CONDITION OF DRAGARM T.E.D. :
PORT : N/A
STBD : N/A

INFLOW SCREENING :
PORT : EXC.
MID : EXC.
STBD : EXC.

OVERFLOW SCREENING : N/A

DREDGED MATERIAL SAMPLES : DREDGED MATERIAL CONTINUES TO BE MOSTLY FINE SAND AND SILT W/ A MIX OF VEGETATIVE MATERIALS. SOME WOOD, PLASTIC AND METAL WAS ALSO TAKEN.
BIOLOGICALS WERE LIMITED TO ONE HARDHEAD CATFISH SEEN FLOATING IN THE HOPPER

PROTECTED SPECIES
INCIDENTS : Y ____ N X
SPECIES ____ NO. ____
SIGHTINGS : Y X N ____
SPECIES Tt (BOTTLENOSE DOLPHINS NO. 7-10

COMMENTS AND/OR OBSERVATIONS :

OBSERVER NAME : DANA ROSS, DANIEL SUTTON

SIGNATURE : Dana Ross

WEEKLY LOG SHEET

DREDGE STUYVESANT
MISSISSIPPI RIVER GULF OUTLET
DACW29-96-C-0068

DATE : 08/22/96 to 08/25/96

LOAD NOS. : 001 - 032

WEATHER : WINDS ESE@20K TO CALM, SEAS 6' TO 2' SWELL TO CALM, SKY CLEAR TO T-STORM TEMP MID 80'S TO UPPER 90'S

CONDITION OF DRAGARM T.E.D. :
PORT : N/A AT THIS TIME
STBD : N/A

INFLOW SCREENING :
PORT : EXCELLENT STARBOARD SCREEN WAS LIFTED B/T LOADS 010 & 011
MID : " FOR INSPECTION AND CLEANING OF SCREENS.
STBD : "

OVERFLOW SCREENING : 75% COVERAGE FOR LOADS 001 - 006. ALL OVERFLOW SCREENING WAS REMOVED B/F DIGGING LOAD 007.

DREDGED MATERIAL SAMPLES : DREDGING COMMENCED AT 1630 HOUR ON 08/22/96. SINCE THAT TIME, AN AVERAGE OF 10 LOADS PER 24 HOUR PERIOD HAS BEEN ESTABLISHED. DREDGED MATERIAL CONSIST OF FINE SILT AND SAND WITH SAMPLES OF WOOD, PLASTIC, METAL, CRAB TRAPS, ROPE, AND PLANT DEBRIS MIXED IN. BIOLOGICAL SPECIMANS OF VARIOUS FISH (HARDHEAD CATFISH, DORGY,), A STINGRAY, AND AN EEL WERE DOCUMENTED.
NO INCIDENTS INVOLVING SEA TURTLES WERE DOCUMENTED.

PROTECTED SPECIES

INCIDENTS : Y ____ N X
SPECIES ____ NO. ____

SIGHTINGS : Y X N ____
SPECIES TT (BOTTLENOSE DOLPHIN) NO. APPROX. 50

COMMENTS AND/OR OBSERVATIONS : ____

OBSERVER NAME : DANA ROSS, DANIEL SUTTON

SIGNATURE : Dana Ross

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 08 / 26 / 96 Loads: 033-042

Area(s) Worked: 1127+10 → 1143+18

Weather Conditions: SEAS CALM, WINDS CALM TO WSW @ 7K TO CALM, CLEAR - OVERCAST/HAZY - T-STO

Range of H_2O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: EXCELLENT

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

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

DREDGED MATERIAL CONTINUES TO BE FINE SAND AND SILT. A MINIMAL AMOUNT OF DEBRIS (WOOD, PLANT MATERIAL, POLY ROPE,) HAS BEEN TAKEN ALSO.

BIOLOGICALS TAKEN INCLUDED ONE (1) HAMMERHEAD SHARK, ONE (1) HARDHEAD CATFISH, ONE (1) CROAKER, AND TWO (2) SPIDER CRABS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT BOTTLENOSE DOLPHINS	7	55 APROX.	

Observer(s) On Duty: DANA ROSS, DANIEL SUTTON

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 08 / 27 / 96 Loads: 043 - 053

Area(s) Worked: 1127+10 → 1143+18 & 1123+19 → 1159+28

Weather Conditions: SEAS LT CHOP - CALM, WIND >9K VARIABLE, SKY HAZY - SUNNY - PTY CLDY.

Range of H_2O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: EXCELLENT

Are there incidents involving endangered or protected species? **Yes** _____ **No** x

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

DREDGED MATERIAL CONTINUES TO BE FINE SAND AND SILT. AN INCREASE IN THE TAKE OF WOOD DEBRIS WAS NOTICED W/ THE NEW WORK ASSIGNMENT.

THE ACCUMULATION OF DEBRIS (METAL, WOOD, ROPE, PLASTIC, SHELLS, ETC.) IN THE HOPPER ARE TO BE REMOVED AT NEXT AVAILABLE DOWN TIME. THIS DEBRIS IS IN NO WAY AFFECTING THE INTENDED PERFORMANCE OF THE INFLOW SCREENING.

BIOLOGICAL TAKEN WERE LIMITED TO ONE (1) CROAKER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt Bottlenose Dolphin	1	12-14	W OF CHANNEL AT 0740 Hours

Observer(s) On Duty: DANA ROSS DANIEL SUTTON

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 08 / 28 / 96 Loads: 054-062

Area(s) Worked: 1123+19 → 1159+28

Weather Conditions: SEAS CALM-LT CHOP, WINDS VAR < 9K, SKY CLEAR-CLDY W/T-STORMS DIST

Range of H_2O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: EXCELLENT

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

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

DREDGED MATERIAL CONTINUES TO BE FINE SILT AND SAND, WITH A MINIMAL MIX OF WOOD DEBRIS, PLANT MATERIAL, AND TRAWL/FISH NETTING.

BIOLOGICALS TAKEN TODAY INCLUDED ONE(1) EEL, TWO (2) CROAKER, AND ONE(1) FLOUNDER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT (BOTTLENOSE DOLPHIN)	3	30 APPROX.	ALL SIGHTINGS ASSOC. W/ DIG AREA

Observer(s) On Duty: DANA ROSS, DANIEL SUTTON

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 08 / 29 / 96 Loads: 063 - 073

Area(s) Worked: 1123+19 -> 1159+28

Weather Conditions: WIND CALM<10K VAR., SEAS <1', SKY CLEAR/SUNNY, PTLY CLDY - T-STORMS DIST

Range of H_2O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: EXCELLENT

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

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

DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. A MINIMAL AMOUNT OF WOOD, WIRE, ROPE, PLANT DEBRIS, AND TRAWL/FISH NETTING HAS ALSO BEEN TAKEN.

BIOLOGICAL SPECIMENS TAKEN INCLUDE THREE (3) CROAKER AND ONE(1) STINGRAY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt B. DOLPHIN	2	APPROX 15	1 SIGHTING IN DIG AREA & 1 SIGHTING AT RH1

Observer(s) On Duty: DANA ROSS, DANIEL SUTTON

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 08 / 30 / 96 Loads: 074 - 082

Area(s) Worked: 1123+19 → 1159+28

Weather Conditions: WINDS VAR < 20K, SEAS CALM < 2' CHOP, SKY T-STORMS - MSTLY CLDY

Range of H_2O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: THE AFT SECTION OF SCREEN ON THE STBD INFLOW BASKET IS MARGINAL AT THIS TIME. THE REPAIR HAS BEEN SCHEDULED FOR THE A.M. PERIOD ON 08/31/96. ALL OTHER SCREENING IS IN EXCELLENT CONDITION.

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

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

DREDGED MATERIAL CONTINUES TO BE MIX OF FINE SAND AND SILT W/ SOME AREAS SHOWING A HIGHER CLAY CONSISTANCY. THE DEBRIS COLLECTED CONSISTED OF WOOD, CRAB TRAPS, SHEET METAL, TRAWL/FISH NETTING, ROPE, PLASTICS, PLANT MATERIAL.

ONE(1) CROAKER WAS THE ONLY BIOLOGICAL SPECIMEN TAKEN TODAY.

BETWEEN LOADS 079 AND 080 THE STARBOARD INFLOW SCREENING BASKET WAS LIFTED TO ALLOW FOR INSPECTION AND CLEANOUT. THE MATERIALS REMOVED INCLUDED LARGE PIECES OF WOOD (CREOSOTED PILING ENDS, PLYWOOD, & MISC.) PLASTIC (HARD & SOFT), CRAB BASKETS, METAL, ROPE, STEEL CABLE, SHELLS, (LIGHTNING WHELK, FLORIDA FIGHTING CONCH, AND SAWTOOTH PEN), AND PLANT MATERIAL (SARGASSUM, MISC.). THERE WAS NO EVIDENCE OF BIOLOGICAL SPECIMENS INSIDE THE INFLOW SCREENING BASKETS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (B. DOLPHINS)	1	3	GREEN #1 JUST W OF CHANNEL

Observer(s) On Duty: DANA ROSS, DANIEL SUTTON

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 08 / 31 / 96 Loads: 083 - 092

Area(s) Worked: 1123+19 -> 1159+28

Weather Conditions: WINDS LT/MOD & VARIABLE, SEAS <2' W/CHOP, SKY MSTLY CLDY W/T-SHOWER

Range of H_2O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: EXCELLENT (SEE COMMENTS ★)

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

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

DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SILT AND SAND. THE ASSORTED MIX OF DEBRIS TAKEN INCLUDED WOOD, FISH/TRAWL NETTING, CRAB TRAP AND PLANT MATERIAL.

THERE WERE NO INCIDENTS OF BIOLOGICAL TAKE TODAY.

★ THE AFT PORTION OF THE INFLOW SCREENING BASKET WAS TORN OFF DURING THE LOADING OF LOAD # 090. A NEW GRIDWORK OF 1/2" REBAR ON 4" CENTER LINES WAS WELDED IN PLACE BEFORE DREDGING RESUMED FOR LOAD #91. AT THIS TIME, ALL SCREENING AT THE INFLOW BASKETS WAS INSPECTED AND FOUND TO BE IN EXCELLENT WORKING CONDITION. REINSPECTION AFTER LOAD #91 SHOWED NO SIGNS OF BREAKAGE OF THE NEW GRID.

THOUGH THE INFLOW SCREENING BASKETS WERE NOT LIFTED FOR THE REPAIR PROCESS, SIGHT INSPECTION REVEALED A DEBRIS COLLECTION OF WOOD, WIRE, FISHING/TRAWL NETTING, METAL, FIBERGLASS, PLASTIC (HARD & SOFT), SHELLS/SAW-TOOTH PEN, LIGHTNING WHELK, FISHING GEAR (IE. MONO LINE, SS WIRE, ETC.) AND MISC. PLANT MATERIAL. NO BIOLOGICAL SPECIMENS WERE DOCUMENTED.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (B. DOLPHIN)	2	10-13	ONE A.M & ONE PM SIGHTING IN CHANNEL AREA

Observer(s) On Duty: DANA ROSS, DANIEL SUTTON

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 01 / 96 Loads: 093-102

Area(s) Worked: 1128+19 → 1159+28

Weather Conditions: WINDS VAR. LT-MOD <10K, SEAS <2' W/CHOP, SKY RAIN-CLEAR

Range of H_2O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: EXCELLENT

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

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

DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT WITH CONCENTRATIONS OF CLAY/MUD IN CERTAIN AREAS. THE DEBRIS TAKEN TODAY WAS MOSTLY SMALL PIECES OF WOOD MIXED WITH PVC PLASTIC PIPE, FISH/TRAWL NETTING, OTHER PLASTIC, AND PLANT MATERIAL.

THERE WERE NO IDENTIFIED BIOLOGICAL SPECIMENS TAKEN TODAY. SOME UNIDENTIFIED FISH FRY WERE OBSERVED IN THE HOPPER AS WELL AS SOME PRAWN SHRIMP.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: DANA ROSS, DANIEL SUTTON

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge STUYVESANT - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

WEEKLY SUMMARY

Dates: 08 / 26 / 96 - 09 / 01 / 96 Loads: 033 - 102

Range of H_2O Temperature: Surface _____ Below Mid-Depth _____

Area(s) Worked: 1128 +19 → 1159 +28

Are there incidents involving endangered or protected species? Yes_____ No_____

Comments: THE DREDGED MATERIAL TAKEN OVER THE PAST WEEK HAS CONSISTENTL BEEN A MIX OF FINE SAND AND SILT. AN ASSORTED COLLECTION OF DREBRIS WAS TAKEN AND INCLUDED PLASTICS (HARD & SOFT), FISH/TRAWL NETTING, ROPE, WOOD, METAL, STEEL WIRE, CRAB TRAPS, SHELLS (LIGHTNING WHELK, FLORIDA FIGHTING CONCH, SAWTOOTH DEN) AND MISCELLANEOUS PLANT MATERIAL.

A FEW BIOLOGICAL SPECIMENS WERE TAKEN AND INCLUDED HARDHEAD CATFISH, CROAKER, SPIDER CRABS, EEL, AND A DECOMPOSED SHARK (HAMMERHEAD).

SEVERAL SAND SHARKS WERE SEEN AROUND R&B. SCHOOLS OF FISH HAVE BEEN SIGHTED FOLLOWING THE SICT LINE DURING DREDGING. THOUSANDS OF BAIT FISH ARE SCHOOLING EACH DAY ON THE SURFACE, AND THE WATER IS DENSE WITH JELLY FISH.

THERE WERE NO INCIDENTAL TAKES OR SIGHTINGS OF SEA TURTLES THIS WEEK.

DURING THE LOADING OF LOAD #90 THE STARBOARD INFLOW SCREENING BASKET WAS DAMAGED. REPAIR OF THE DAMAGED AREA WAS COMPLETED BEFORE THE DREDGING OF LOAD #91.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT (B. DOLPHIN)	16	125 APPROX.	

Observers On Duty: DANA ROSS, DANIEL SUTTON

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09/02/96 Loads: 103 - 112

Area(s) Worked: 1128+19 → 1159+28

Weather Conditions: WINDS MOD/VAR. <10K, SEAS CALM < 2', SKY CLR - PTLY. CLDY.

Range of H_2O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: EXCELLENT

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

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

DREDGED MATERIAL CONTINUES TO A MIX OF FINE SAND AND SILT. THE COLLECTION OF DEBRIS IN THE INFLOW SCREENING BASKETS CONSIST OF WOOD, ALUMINUM SHEET METAL, PLASTIC (HARD & SOFT), FIBERGLASS CLOTH, FISH/TRAWL NETTING, SHELL AND PLANT MATERIAL. PIECES OF WOOD CONTINUE TO BE THE PRIMARY DEBRIS TAKE.

THERE WERE NO INCIDENTAL BIOLOGICAL TAKES DOCUMENTED TODAY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt B DOLPHIN	1	6	G #7

Observer(s) On Duty: DANA ROSS, DANIEL SUTTON

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 03 / 96 Loads: 123-127

Area(s) Worked: 1128+19 → 1159+28

Weather Conditions: WIND VAR LT-MOD, SEAS <2', SKY CLEAR-PTLY CLDY

Range of H_2O Temperature: Surface APPROX 80°F Below Mid-Depth 79.5°F @ ENGINE INTAKE

Condition of all screening apparatus: EXCELLENT.

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

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

DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. SOME WOOD, PLASTIC, AND SHEET ALUMINUM ACCOUNT FOR MOST OF THE DEBRIS TAKE TODAY.

THERE WERE NO INCIDENTAL BIOLOGICAL SPECIMENS TAKEN TODAY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT B. DOLPHIN	1	6	SPOTTED W/I WORK AREA

Observer(s) On Duty: DANA ROSS, DANIEL SUTTON

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 04 / 96 Loads: 124-133

Area(s) Worked: 1128+19 → 1159+28

Weather Conditions: WIND VAR <10k, SEAS <1', SKY MSTLY CLR w/ VAR. CLDS.

Range of H_2O Temperature: Surface _____ Below Mid-Depth 78/81°F ENG. INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

DREDGED MATERIAL CONTINUES TO BE MOSTLY FINE SAND AND SILT. SOME WOOD, METAL, ROPE, PLASTIC, AND SHELL WAS ALSO TAKEN TODAY.

THE MATERIAL COLLECTED IN THE INFLOW SCREENING BASKETS HAS BEEN ELIMINATED SOMEWHAT, THE ASSUMPTION BEING THAT THE FORCE OF WATER HAS REDUCED THE SIZE OF THE WOOD PIECES ALLOWING SOME OF IT TO PASS THROUGH THE SCREENING AND INTO THE HOPPER.

THERE WERE NO INCIDENTAL BIOLOGICAL SPECIMENS TAKEN TODAY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt B. DOLPHIN	2	8-10	BOTH SIGHTINGS W/I WORK AREA NEAR PIPELINE

Observer(s) On Duty: DANA ROSS, DANIEL SUTTON

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 05 / 96 Loads: 134 - 142

Area(s) Worked: 1128+19 -> 1159+28

Weather Conditions: WIND LT/VAR, SEAS < 2', SKY RAIN/PTLY CLDY/CLR.

Range of H_2O Temperature: Surface _____ Below Mid-Depth 78°/81°F ENG. INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT.

BETWEEN LOADS # 140 AND #141 THE STARBOARD INFLOW SCREENING BASKET WAS LIFTED TO ALLOW ACCESS TO THE INFLOW SCREENING BASKETS FOR CLEANOUT AND INSPECTION. THE DEBRIS REMOVED INCLUDED FISHING/TRAWL NETTING, SS WIRE, WIRE CABLE, ASSORTED PIECES OF METAL, MISC. TYPES OF ROPE, PLASTIC (HARD AND SOFT), PVC PIPE, FIBERGLASS MAT/CLOTH, CLOTH, MONO. FISHING LINE, SHELLS (SAWTOOTH PEN, LIGHTNING WHELK, MUREX SP., OYSTER, AND CLAM) AND PLANT MATERIAL

THERE WERE NO INCIDENTAL BIOLOGICAL SPECIMENS TAKEN.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT B. DOLPHIN	1	4	3/T R#8 AND R#10 OUTSIDE OF CHANNEL

Observer(s) On Duty: DANA ROSS, DANIEL SUTTON

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 06 / 96 Loads: 143 - 152

Area(s) Worked: 1128+19 -> 1159+28

Weather Conditions: WIND CALM - LT/VAR, SEAS <2', SKY CLR - CLDY W/ RAIN

Range of H_2O Temperature: Surface _____ Below Mid-Depth 78°/81°F ENGINE INTAKE

Condition of all screening apparatus: EXCELLENT THE CENTER INFLOW SCREENING BASKET WAS REPAIRED B/T LOADS #149 AND #150. A 4"x4" GRID OF 1/2" REBAR WAS WELDED TO THE TOP FORE SECTION TO INHIBIT THE EXISTING SCREEN FROM ROLLING BACK DURING DREDGING OPERATIONS.

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. THE DEBRIS TAKEN IS MOSTLY WOOD, FISHING/TRAWL NETTING AND SHELL.

THE STARBOARD INFLOW SCREENING BASKET WAS LIFTED BETWEEN LOADS #149 AND #150 TO ALLOW ACCESS FOR INSPECTION, CLEANOUT, AND REPAIR. THE CLEANED OUT DEBRIS INCLUDED FISHING/TRAWL NETTING AND GEAR (80%), CLOTH, SHEET METAL, PLASTIC (HARD AND SOFT), SHELLS (OYSTER, LIGHTNING WHELK, FLORIDA FIGHTING CONCH, SHARK EYE, AND SAWTOOTH PEN), ROCKS, WOOD, CEMENT, AND PLANT MATERIAL.

ONE OLD PLEURAL BONE FROM A LOGGERHEAD TURTLE (C caretta) WAS ALSO FOUND.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (B. Dolphin)	1	10	G #7 OUTSIDE OF CHANNEL

Observer(s) On Duty: DANA ROSS, DANIEL SUTTON

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 07 / 96 Loads: 153-162

Area(s) Worked: 1128+19 → 1159+28

Weather Conditions: WIND CALM - MOD / VAR, SEAS < 2', SKY CLR

Range of H_2O Temperature: Surface _____ Below Mid-Depth 78°/81° ENG INTAKE

Condition of all screening apparatus: EXCELLENT

Are there incidents involving endangered or protected species? Yes_____ No_____

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. THE DEBRIS TAKEN INCLUDES WOOD, SHELL, PLASTIC, CLOTH, ROPE, TIRE, SHEET METAL, INSULATED WIRE, AND PLANT MATERIAL.

THERE WERE NO INCIDENTAL BIOLOGICAL TAKES TODAY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (B. DOLPHIN)	3	40 APPROX	R#12, R#2, AND DUMP SITE BT 1400 HOURS AND SUNSET.

Observer(s) On Duty: DANA ROSS, ERIC DUNLAVEY

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 08 / 96 Loads: 163 - 172

Area(s) Worked: 1128+19 -> 1159+28

Weather Conditions: WIND CALM - MOD S/SW, SEAS < 2', SKY CLR.

Range of H_2O Temperature: Surface _____ Below Mid-Depth 78-79° / 81-82°F ENG. INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. SMALL AMOUNTS OF DEBRIS HAVE BEEN TAKEN AND INCLUDE SHELL, PLASTIC (HARD), WOOD, WIRE, CLOTH, CABLE, ROPE, FISH/TRAW NETTING AND PLANT MATERIAL.

THERE WERE NO INCIDENTAL BIOLOGICAL TAKES TODAY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: DANA ROSS, ERIC DUNLAVEY

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *MACFARLAND* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

WEEKLY SUMMARY

Dates: 09 / 02 / 96 - 09 / 08 / 96 Loads: _____

Range of H_2O Temperature: Surface _____ Below Mid-Depth 78-79 / 81-82°F ENG. INTAKE

Area(s) Worked: 1128+19 → 1159+28

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

Comments: THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. THE DEBRIS TAKE INCLUDED WOOD, SHELL (LIGHTNING WHELK, FLORIDA FIGHTING CONCH, SAWTOOTH DEN, OYSTER, SHARKEYE, AND CLAM), PLASTIC (HARD AND SOFT), SHEET METAL, INSULATED WIRE, FISHING/TRAWL NETTING (LG. %), ROPE, STEEL CABLE, TIRE, ROCKS, CEMENT, FIBERGLASS CLOTH, AND PLANT MATERIAL.

THE INFLOW SCREENING BASKETS WERE CLEANED BETWEEN LOADS #140 AND #141 AND REPAIRED AND CLEANED BETWEEN LOADS #149 AND #150.

ONE OLD PLEURAL BONE FROM A LOGGERHEAD TURTLE (Cc) WAS FOUND WHILE CLEANING THE INFLOW SCREENING BASKET AFTER LOAD #149.

THERE WERE NO INCIDENTAL BIOLOGICAL SPECIMENS TAKEN THIS WEEK.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (B. DOLPHIN)	9	75 APPROX.	MOST SIGHTINGS W/I WORK AREA

Observers On Duty: DANA ROSS, ERIC DUNCANEY

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 09 / 96 Loads: 173-181

Area(s) Worked: 1128+19 → 1159+28

Weather Conditions: WIND CALM/LT./MOD. < 10'K, SEAS < 2', SKY CLR - CLDY.

Range of H_2O Temperature: Surface _____ Below Mid-Depth 99/82°F ENGINE INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. SMALL AMOUNTS OF DEBRIS WERE TAKEN AND INCLUDE WOOD, WIRE, PLASTIC ROCK, SHELL (OYSTER, LIGHTNING WHELK, SAWTOOTH DEN, AND CLAM), SHRIMP/TRAWL NETTING, ROPE, AND PLANT MATERIAL

TWO RAYS (SP UKN.), ONE FLOUNDER SPY, AND ONE CROAKER WERE THE ONLY BIOLOGICAL INCIDENTAL TAKES TODAY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt B. DOLPHIN	1	3	DUMP SITE

Observer(s) On Duty: DANA ROSS, ERIC DUNLAVEY

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 10 / 96 Loads: 182 - 191

Area(s) Worked: 1128+19 → 1159+28

Weather Conditions: WINDS CALM - LT W/SW, SEAS < 2', SKY CLR - HAZY - PTLY CLDY

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENGINE INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT.
THE INCIDENTAL DEBRIS TAKE CONSISTED OF WOOD, ROPE, PLASTIC (1 TANK) SHELL, WIRE, CLOTH AND PLANT MATERIAL
THE BIOLOGICAL INCIDENTAL TAKE INCLUDED ONE (1) RAY (SP. UKN.)

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT/B DOLPHIN)	4	25-30	#3G, #7G, #12R AND DUMP SITE

Observer(s) On Duty: DANA ROSS, ERIC DUNLAVEY

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 11 / 96 Loads: 192 & 193

Area(s) Worked: 1129+18 → 1159+28

Weather Conditions: WIND CALM, SEAS CALM, SKY CLR.

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENGINE INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THERE WERE ONLY TWO LOADS DUG BEFORE STEAMING TO NEW ORLEANS FOR FUEL. THE INFLOW SCREENING BASKETS WERE INSPECTED AND CLEANED AFTER THE DISCHARGING OF LOAD # 193.

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. THE DEBRIS TAKEN INCLUDED WOOD, SHELL (SAWTOOTH PEN, LIGHTNING WHELK, FLORIDA FIGHTING CONCH, OYSTER, CLAM), ROPE, STEEL CABLE, PLASTIC, FISHING/TRAWL NETTING, SHEET STEEL, TENNIS SHOE, ROCK, CLOTH AND PLANT MATERIAL.

THERE WERE NO INCIDENTAL BIOLOGICAL TAKES.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: DANA ROSS, ERIC DUNLAVEY.

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 12 / 96 Loads: 194 - 198

Area(s) Worked: 1128+19 → 1159+28

Weather Conditions: WINDS CALM/LT VAR, SEAS < 1', SKY SUNNY/HAZY

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENGINE INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. THE DEBRIS TAKEN INCLUDES WOOD, ROCK, SHELL, PLASTIC.

THERE WERE NO INCIDENTAL BIOLOGICALS TAKEN TODAY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	2	14	R#12, #8 IN CHANNEL

Observer(s) On Duty: DANA ROSS ERIC DUNLAVEY

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 13 / 96 Loads: 199 – 208

Area(s) Worked: 1128+19 → 1159+28

Weather Conditions: WIND LT/VAR, SEAS < 1', SKY SUNNY → CLDY

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79°/82°F ENGINE INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. TODAY'S DEBRIS INTAKE WAS MOSTLY WOOD MIXED WITH SHELL (SANTBOTH TEN & LIGHTNING, WHOLE) PLASTIC (HARD), ROCK, WIRE, METAL AND PLANT MATERIAL.

THE INCIDENTAL BIOLOGICAL TAKES WERE LIMITED TO ONE (1) SHARK (SP. UNK.) AND ONE (1) CROAKER.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT (B. DOLPHIN)	1	4	2 & 4 IN CHANNEL

Observer(s) On Duty: DANA ROSS, ERIC DUNLAVEY

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 14 / 96 Loads: 209 – 217

Area(s) Worked: 1128+19 – 1159+28

Weather Conditions: WINDS CALM- MOD S/SE, SEAS 0 – 4', SKY CLDY-RAIN-CLEAR

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENG. INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT.
THE DEBRIS TAKEN TODAY INCLUDES WOOD, STEEL WIRE, FISHING/TRAWLNETTING, ROCK, PLASTIC, SHELL, WIRE, AND PLANT MATERIAL
INCIDENTAL BIOLOGICAL TAKES TODAY INCLUDED MANY (100's) SILVERSIDES, ONE(1) CROAKER, AND TWO (2) HARDHEAD CATFISH.
DREDGING WAS LIMITED TO THE PORT DRAGARM ONLY FOR LOADS #216 AND #217..

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: DANA ROSS, ERIC DUNLAVEY

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge: *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 15 / 96 Loads: 218 – 227

Area(s) Worked: 1123+19 → 1159+28

Weather Conditions: WINDS S/SW – E/SE MOD-20KN, SEAS < 4', SKY MSTY CLDY/RAIN

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENG. INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. THE DEBRIS TAKE HAS BEEN MINIMAL AND INCLUDES WOOD, SHELL (SAWTOOTH PEN, LIGHTNING WHELK, ATLANTIC COCKLE, CLAM, OYSTER), STEEL CABLE, ROCK, PLASTIC (HARD CRAB TRAPS, SHEET METAL AND PLANT MATERIAL.

TWO (2) HARDHEAD CATFISH WERE THE ONLY INCIDENTAL BIOLOGICAL TAKES.

THE DREDGING OPERATION CONTINUES TO BE WITH THE PORT DRAGARM ONLY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: DANA ROSS ERIC DUNLAVEY

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *MACFARLAND* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

WEEKLY SUMMARY

Dates: 09 / 09 / 96 - 09 / 15 / 96 Loads: 173 – 227

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENGINE INTAKE

Area(s) Worked: 1123+19 → 1159+28

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

Comments: THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. A MINIMAL AMOUNT OF DEBRIS HAS BEEN TAKEN AND INCLUDES WOOD, WIRE, PLASTIC (HARD), INSULATED WIRE, SHELLS (SAWTOOTH BEAN, CLAM, OYSTER, LIGHTNING WHELK, ATLANTIC COCKLE, FLORIDA FIGHTING CONCH), FISHING/TRAWL NETTING, ROPE, SHEET METAL, STEEL, AND PLANT MATERIAL.

THE INFLOW SCREENING BASKETS WERE CLEANED BETWEEN LOADS #193 AND #194.

DREDGING OPERATIONS CEASED ON 09/11/96 AFTER LOAD #193 AND RESUMED ON 09/12/96 WITH LOAD #194. DREDGING WAS LIMITED TO THE PORT DRAGARM ONLY AFTER LOAD # 215 AND CONTINUED THROUGH LOAD # 227.

A FEW INCIDENTAL BIOLOGICALS TAKES WERE LIMITED TO THREE (3) BAYS, TWO (2) CROAKER, ONE (1) FLOUNDER FRY, ONE (1) SHARK, FOUR (4) HARDHEAD CATFISH, AND MANY (100'S) OF SILVERSIDES (ONE LOAD).

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT (B. DOLPHINS)	8	50 (APPROX.)	W/I THE WORK AREA

Observers On Duty: DANA ROSS, ERIC DUNLAVEY

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 16 / 196 Loads: 228 - 237

Area(s) Worked: 1123+19 → 1159+28

Weather Conditions: WIND S/SW <20K, SEAS <4' W/ 6' SWELL, SKY CLDY - CLR

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENG INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. WOOD, ROCK, METAL, ONE TIRE, STEEL CABLE, PLASTIC, AND PLANT MATERIAL WERE TAKEN TODAY ALSO.

WITH LOAD # 229, THE USE OF THE STARBOARD DRAGHEAD RESUMED.

ONE (1) RAY (SP. UNK.) WAS THE ONLY INCIDENTAL BIOLOGICAL TAKE TODAY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: DANA ROSS, ERIC DUNLAVEY

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 17 / 96 Loads: 238 - 246

Area(s) Worked: 1123 +19 → 1159+28

Weather Conditions: WIND MOD W/SW, SKY CLDY - CLR, SEAS <4'

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENG INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. SHELL, PLASTIC / HARD), AND WOOD WERE TAKEN PERIODICALLY WITH EACH LOAD.

THREE (3) CROAKER AND TWO (2) HARDHEAD CATFISH WERE THE ONLY INCIDENTAL BIOLOGICAL TAKES TODAY.

LOADING OF LOAD # 246 WAS WITH THE PORTSIDE DRAGHEAD ONLY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT B. DOLPHIN	2	10	DUMP SITE

Observer(s) On Duty: DANA ROSS, ERIC DUNLAVEY

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 18 / 96 Loads: 247-256

Area(s) Worked: 1123+19 → 1159+28

Weather Conditions: WINDS LT=MOD / VAR., SEAS <3', SKY PTLY CLDY-CLR

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENG. INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. THE DEBRIS TAKEN TODAY INCLUDED FISHING LINE, ROPE (NYLON AND POLYPROPYLENE), CRAB TRAPS, CYLINDRICAL METAL ROD, WOOD, SHELLS, STEEL, PLASTIC (SOFT), SHEET METAL, ROCK, AND PLANT MATERIAL.

THE INCIDENTAL BIOLOGICAL TAKE CONSISTED OF ONE (1) RAY (SP UNK.), FIVE (5) CROAKER, ELEVEN (11) HARDHEAD CATFISH, ONE (1) BLUE RUNNER (JACK), AND ONE (1) BLUE CRAB.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT (B. DOLPHIN)	3	5	R#10 OUTSIDE OF CHANNEL
			R#6 INSIDE CHANNEL @ AT DUMP SITE

Observer(s) On Duty: DANA ROSS, ERIC DUNLAVEY

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 19 / 96 Loads: 257 - 266

Area(s) Worked: 1123+79 → 1159+25 & 1147+57 → 1175+00

Weather Conditions: WIND LT/VAR - CALM, SEA < 3', SKY CLR - O'CAST - CLR

Range of H_2O Temperature: Surface _____ Below Mid-Depth 71/82°F ENG. INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUE TO BE A MIX OF FINE SAND AND SILT EVEN IN THE NEW ASSIGNED WORK AREA. THE DEBRIS TAKE CONSIST OF WOOD, PLASTIC (HARD), METAL, CRAB TRAPS, MONO FISHING LINE (200 lb.) W/ HARDWARE, FISHING/TRAWL NETTING, CLOTH, ROCK, SHELL, AND PLANT DEBRIS.

THE INCIDENTAL BIOLOGICAL TAKE WAS LIMITED TO TWO (2) RAYS (SP. UNK), FIVE (5) HARDHEAD CATFISH, TWO (2) CROAKERS, AND FOUR (4) BLUE CRABS.

THE INFLOW SCREENING BASKET WERE OPENED, INSPECTED, AND CLEANED BETWEEN LOADS #261 AND #262. APPROXIMATELY 70% OF THE DEBRIS INSIDE WAS REMOVED AND INCLUDED RUBBER, PLASTICS (HARD AND SOFT), HYDRAULIC HOSE, ROPE, WOOD, ROCK, SHELL (SAWTOOTH PEN, LIGHTNING WHELK, CLAM & OYSTER), PLANT MATERIAL, CRAB TRAPS, FISHING/TRAWL NETTING, SHEET METAL (STEEL & ALUMINUM), WIRE, AND STEEL CABLE. BIOLOGICALS REMOVED INCLUDED ONE (1) RAY (SP. UNK.) FOUR (4) HARDHEAD CATFISH, AND TWO (2) CROACER.

LOAD # 261 WAS LOADED WITH THE USE OF THE PORT DRAGARM ONLY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TE (B. DOLPIN)	4	26	SIGHTING AT DUMP SITE & IN CHANNEL WORK AREA

Observer(s) On Duty: DANA ROSS, ERIC DUNCANEY

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 20 / 96 Loads: 267 - 277

Area(s) Worked: 1147 + 53 -> 1175+00

Weather Conditions: WIND CAL - MOD / VAR, SEAS < 2', SKY CLR - O'CAST W/ RAIN

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENG. INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND & SILT. THE DEBRIS INTAKE INCLUDES PLASTICS (HARD & SOFT), WOOD, ROCK, STEEL CABLE, CRAB TRAPS, SHEET METAL, METAL CAN (1 GAL. PAINT), SHELLS (SAWTOOTH CLAM, CHANNEL WHELK, LIGHTNING WHELK, SHARK EYE, OYSTER, & CLAM), ROPE, FISH/TRAWL NETTING, CLOTH, METAL, & PLANT MATERIAL.

THE INCIDENTAL BIOLOGICAL TAKES INCLUDED FOUR (4) JELLYFISH, FOUR (4) CROAKER, TWO (2) HARDHEAD CATFISH.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: DANA ROSS, ERIC DUNLAVEY

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 21 / 96 Loads: 278 - 288

Area(s) Worked: 1147+57 → 1175+00

Weather Conditions: WINDS LT-MOD / VAR., SEAS 2-4', SKY CLDY / RAIN - PTLY CLDY

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENG INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. THE SMALL AMOUNT OF DEBRIS TAKEN INCLUDED WOOD, ROPE, REBAR, CRAB TRAP, PLASTIC (HARD & SOFT), ROCK, SHELL (OYSTER, SAWTOOTH PEN, AND LIGHTNING WHELK), CLOTH, AND PLANT MATERIAL.

THE INCIDENTAL BIOLOGICAL TAKES INCLUDED SIX(6) HARDHEAD CATFISH, TWO(2) RAYS (SP. UNK.),

THE STARBOARD DRAGHEAD WAS SPORADICALLY USED DURING THE LOADING OF LOAD # 283.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (B. DOLPHIN)	1	25(4)(-)	R#8

Observer(s) On Duty: DANA ROSS, MICHAEL NEWCOMER

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 22 / 96 Loads: 289-300

Area(s) Worked: 1147+57 → 1175+00

Weather Conditions: WIND MOD - STRONG / VAR, SEAS < 4', SKY PTLY CLDY - CLR.

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENGINE INTAKE

Condition of all screening apparatus: EXCELLENT W/ THE EXCEPTION OF A SMALL TEAR ON THE FORWARD SECTION OF THE CENTER INFLOW BASKET. THE DREDGEMASTER WAS NOTIFIED AFTER LOAD # 298 AND REPAIRS ARE SCHEDULED FOR THE AM HOURS ON 09/23/96.

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE-SAND AND SILT. AFTER DISCHARGING LOAD # 298, THE STARBOARD INFLOW SCREENING BASKET WAS LIFTED TO ALLOW ACCESS FOR CLEAN OUT AND INSPECTION. THE DEBRIS REMOVED INCLUDED STEEL, STAINLESS STEEL, WOOD, ROCK, PLASTIC (HARD & SOFT), FISHING/TRAWL NETTING, ROPE, STEEL WIRE, STEEL CABLE, MONOFILAMENT LINE (200lb. TEST), COPPER, CHROME PLUMBING HARDWARE, SANDING DISC, SHELLS (LIGHTNING WHELK, SAWTOOTH PEN, OYSTER, CLAM, SHARKEYE) CLOTH, AND PLANT MATERIAL. THE BIOLOGICAL SPECIMENS CLEANED OUT INCLUDED ONE (1) HARDHEAD CATFISH, ONE (1) BLUE CRAB, AND ONE (1) ADULT ATLANTIC RAY.

THE DEBRIS TAKE FOR LOADS #299 & #300 CONSISTED OF WOOD, SHELL, & SHEET METAL WITH NO INCIDENTAL BIOLOGICAL TAKES.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT (B. DOLPHIN)	1	10	B/T R#6 & R#8

Observer(s) On Duty: DANA ROSS, MICHAEL NEWCOMER

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *MACFARLAND* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

WEEKLY SUMMARY

Dates: 09 / 16 / 96 - 09 / 22 / 96 Loads: 228 — 300

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENG INTAKE

Area(s) Worked: 1123+19 → 1159+28 & 1147+57 → 1175+00

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

Comments: THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT.
THE STARBOARD INFLOW SCREENING BASKETS WERE OPENED, CLEANED AND INSPECTED BETWEEN LOADS # 261/#262 AND LOADS #298 AND #299. THE INTAKE DEBRIS THIS WEEK CONSISTED OF WOOD, SHELL (SAWTOOTH PEN, LIGHTNING WHELK, CLAM, OYSTER, SHARK EYE), ROCK, STAINLESS STEEL, STEEL, STEEL CABLE / WIRE, CRAB TRAPS, FISHING / TRAWL NETTING, ROPE, MONOFILAMENT LINE (APPROX 200lb TEST), HYDRAULIC HOSE, RUBBER, TIRE, SHEET METAL / ALUMINUM, COPPER, CLOTH, PLUMBING HARDWARE, SANDING DISC, AND PLANT MATERIAL.
A SMALL TEAR WAS FOUND IN THE CENTER INFLOW SCREENING BASKET AND IS SCHEDULED FOR REPAIR IN THE AM HOURS ON 09/23/96.
INCIDENTAL BIOLOGICAL TAKES THIS WEEK INCLUDED ONE(1) ADULT ATLANTIC RAY, SIX (6) RAYS (SP. UNK), FOURTEEN (14) CROAKER, TWENTY-SEVEN (27) HARDHEAD CATFISH, ONE (1) BLUE RUNNER, SIX (6) BLUE CRAB, AND FOUR (4) JELLY FISH (SP. UNK.).
LOADS #246 AND #261 WERE DUG USING THE PORT DRAGARM ONLY AND ON LOAD #283 THE STARBOARD DRAGARM WAS USED SPORADICALLY.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT (B. DOLPHIN)	11	96(+)(-)	WORK AREA & DUMP SITE SIGHTINGS
			ONE POD SIGHTED EQUALLED 25(+)(-) IND

Observers On Duty: DANA ROSS, ERIC DUNLAVEY, MICHAEL NEWCOMER

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09/23/96 Loads: 301-310

Area(s) Worked: 1147+57 → 1175+00

Weather Conditions: WIND CALM-MOD/NE/E, SEAS <3', SKY CLR-PTLY CLDY

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENG INTAKE

Condition of all screening apparatus: EXCELLENT

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

SEE ATTACHED INCIDENT REPORT.

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND & SILT. THE STARBOARD INFLOW SCREENING BASKET WAS OPENED AFTER LOAD #304 TO ALLOW ACCESS FOR THE REMOVAL OF THE PROTECTED SPECIES SPECIMEN, CLEANOUT, INSPECTION AND REPAIR. A SMALL TEAR IN THE CENTER BASKET WAS REPAIRED. T. THE DEBRIS TAKEN TODAY AS WELL AS THAT CLEANED OUT AND DISCARDED INCLUDED WOOD, SHELL (LIGHTNING WHELK, SAWTOOTH PEN, OYSTER, & CLAM), STEEL, PLASTIC, RUBBER, CRABTRAP ROCK, AND SHEET METAL.

INCIDENTAL BIOLOGICAL TAKES TODAY INCLUDED ONE (1) BLUE CRAB, FISH (SP UNID.), RAY (ATLANTIC?), ONE (1) RAY (LESSER ELECTRIC), AND ONE (1) LEFT HINDFLIPPER FROM A HARDSHELLED SEA TURTLE (Cc - LOGGERHEAD - BEST ESTIMATE - SEE ATTACHED.

DR. LINDA MATHISS, TECHNICAL SUPPORT BRANCH NOD USACE, WAS NOTIFIED OF INCIDENTAL PROTECTED SPECIES TAKE AT 1200 HOURS. A PHONE CONVERSATION WITH BETH NORDHAM, DISTRICT OFFICE USACE, AT 1545 HOURS CONFIRMED THE TAKE, DOCUMENTATION, AND DISCARDING OF THE SPECIMEN.

A TRACING AND PHOTOGRAPH OF THE SPECIMEN ARE INCLUDED AND ATTACHED WITH THE INCIDENT REPORT.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT (B. DOLPHINS)	1	10-12	G#5 & R#6

Observer(s) On-Duty: DANA ROSS, MICHAEL NEWCOMER

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 24 / 96 Loads: 311 - 321

Area(s) Worked: 1147+57 → 1175+00

Weather Conditions: WIND LT/VAR, SEAS <1', SKY CLR-CLDY

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENG INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT. THE DEBRIS INTAKE TODAY HAS BEEN LIMITED IN QUANTITY AND INCLUDES WOOD, SHELL, ROCK, FISHING/TRAWL NETTING, SHEET METAL, ROPE, ALUMINUM, & PLANT MATTER

THE INCIDENTAL BIOLOGICAL TAKE INCLUDES ONE(1) BLUE CRAB, ONE CRAB (UNK SP) RAY AND FISH (UNK SP.), AND TWO(2) HARDHEAD CATFISH.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (B. DOLPHIN)	1	6-8	B/T R#6 & G#5 IN CHANNEL

Observer(s) On Duty: DANA ROSS, MICHAEL NEWCOMER

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *STUYVESANT* - Mississippi River Gulf Outlet
USACE, New Orleans District - Summer/Fall 1996

DAILY REPORT

Date: 09 / 25 / 96 Loads: 322-326

Area(s) Worked: 1147+59 - 1175+00

Weather Conditions: WIND LT/E, SEAS CALM, SKY CLDY - PTLY CLDY

Range of H_2O Temperature: Surface _____ Below Mid-Depth 79/82°F ENG INTAKE

Condition of all screening apparatus: EXCELLENT

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

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

THE DREDGED MATERIAL CONTINUES TO BE A MIX OF FINE SAND AND SILT.
THE DEBRIS INTAKE WAS LIMITED TO WOOD, SHELL, STEEL, FISH/TRAWL NETTING, PLASTIC, ROCK AND PLANT MATTER
THE ONLY INCIDENTAL BIOLOGICAL TAKE WAS AN UNIDENTIFIED CRAB.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: DANA-ROSS, MICHAEL NEWCOMER