ENDANGERD SPECIES OBSERVER PROGRAM
Dredge Ouachita SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 8 / 4 / 97 Loads: 1-17

Area(s) Worked: Stations 700+00 - 750+00, Sections 3 & 4

Weather Conditions: Clear Skies, light airs, calm seas

Range of H_2O Temperature: Surface 30-31°C Below Mid-Depth 30°-31°C

Condition of all screening apparatus: Good

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

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

Dredging began at 0950 in sections 3 & 4, Stations 700+00-750+00 on green side of Channel. Dredge material is silt with very little clay. No biological specimens have been collected. Trash samples include; wood, cloth, line, plastic and shell. All equipment and screening intact and in good working order.

There were no incidents involving endangered or protected species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	3	3/1	Bottlenose dolphin

Observer(s) On Duty: Charlotte Cates, Brett Johnson

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge Ouachita SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 08 / 05 / 97 Loads: 18-50

Area(s) Worked: Stations 700+00 - 830+00

Weather Conditions: Clear to Partly Cloudy, light wind to NW'ly wind 15-20kts seas

Range of H_2O Temperature: Surface 31°C Below Mid-Depth 31°C

Condition of all screening apparatus: Good

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is silt with some Clay. Biological Specimens Consist of Shells and one Clam. Trash samples very light consisting of plastic bucket, 1 boot, rope and other plastic material. All equipment and screening in fact and in good working order.

Mary Hart replaced Brett Johnson as observer.

There were no incidents involving endangered species

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	2-3	

Observer(s) On Duty: Charlotte Cates, Brett Johnson, Mary Hart

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 08 / 06 / 97 Loads: 51 to 81

Area(s) Worked: Stations 700+00 + 750+00

Weather Conditions: Clear to Partly Cloudy skies, SW to NW to SE wind 4-10 Kts, Seas 1-3'

Range of H_2O Temperature: Surface 87°- 88°F Below Mid-Depth 87°- 88°F

Condition of all screening apparatus: Good

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

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

Dredge continues working in Stations 700+00 - 750+00 working red and green sides of the channel. Dredge material is silt with some clay. Biological specimens consist of catfish, oyster shells. Trash samples include: plastic, line, net, rope and cloth. All equipment and screening intact and in good working order.

There were no incidents involving endangered species

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	9	Riding bowwave of tanker

Observer(s) On Duty: Charlotte Cates Mary Hart

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 8 / 7 / 97 Load 32 to 110

Area(s) Worked: Stations 700+00 to 800+00

Weather Conditions: Partly Cloudy to Clear skies, SE wind 7-10kts Seas 1-2'

Range of H_2O Temperature: Surface 87-88°F Below Mid-Depth 87-88°F

Condition of all screening apparatus: Good

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge continues work in Stations 700+00-800+00. Dredge material is silt with some clay. No biological specimens were taken today. Trash items light in quantity including; line, rope, net, plastic and cloth. All equipment and screening intact and fully functional.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	6	Bottlenose dolphins

Observer(s) On Duty: Charlotte Cate Mary Hart

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 8 / 8 / 97 Loads: 111-139

Area(s) Worked: Stations 700+00 to 780+00

Weather Conditions: Partly Cloudy, SE wind 7-15 Knots, Seas 1-4'

Range of H_2O Temperature: Surface 87°F Below Mid-Depth 87°F

Condition of all screening apparatus: Good

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

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

Dredge material is silt with very little clay. No biological specimens were collected. Trash items include; fishing line, net, cloth, rope, plastic, plastic buckets, shell and other assorted trash. All equipment and screening intact and in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Charlotte Cates, Mary Hart

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 8 / 9 / 97 Loads: 140 to 1660

Area(s) Worked: Stations 750 to 850+00

Weather Conditions: Partly Cloudy, SE to SW 10-20 kts, seas 2-6'

Range of H_2O Temperature: Surface 86°F Below Mid-Depth 86°F

Condition of all screening apparatus: Good

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

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

Dredge continues to work red and green sides of Channel in Stations 750+00 to 850+00. Dredge material is silt with some clay. Dredge discontinued dredging at 0909 hours to go inside jetties for grocery delivery. Dredging resumed at 1150 hours in stations 800+00-850+00. No biological specimens were collected today. Trash samples included; large nets, boots, cable, copper wire, shells, cloth, aluminum can, plastic, plastic bottles, fishing line and rope. All equipment and screening intact and fully functional.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	20-30	Near mouth of jetty.

Observer(s) On Duty: Charlotte Cates, Mary Hart

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

WEEKLY SUMMARY

Dates: 8 / 4 / 97 - 8 / 9 / 97 Loads: 1-1666

Range of H_2O Temperature: Surface 30°-32°C Below Mid-Depth 30°-32°C

Area(s) Worked: Stations 700+00 to 850+00. Sections 2+3+4

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

Comments: Dredging began at 0950 hours on 8-4-97 in sections 3 and 4, stations 700+00 - 750+00 and has worked red and green sides of Channel to station 850+00. Dredge material is silt with some clay. Biological specimens consist of one catfish, oyster shells, clam. Trash samples include; line, net, rope, cloth, cable, cooper wire, boot, plastic, plastic bottles, aluminum can, wood. Dredging ceased at 0909 hours to move inside jetties and resumed dredging at 1150 hours on 8/9/97. All equipment and screening intact and fully functional.

Observer Mary Hart replaced Brett Johnson on 8-5-97.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	5	76	Bottlenose dolphins

Observers On Duty: Charlotte Cates, Brett Johnson, Mary Hart

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 8 / 10 /97 Loads: 167 - 198

Area(s) Worked: Stations 800+00 - 850+00

Weather Conditions: Partly cloudy. Sly - SWly wind 5-20Kts. Seas 2-5'

Range of H_2O Temperature: Surface 86°-87°F Below Mid-Depth 86°-87°F

Condition of all screening apparatus: Good

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge continues working red and green sides of channel in stations 800+00 - 850+00. Dredge material is silt with some clay. Biological specimens consist of one catfish. Garbage samples include; plastic bucket, oil filter, line, net, rope, cloth, wood, cable, plastic cup, milk jug, tennis shoes. All equipment and screening intact and in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	6	36	Bottlenose dolphins

Observer(s) On Duty: Charlotte Cates, Mar / Hart

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 8 / 11 / 97 Loads: 199 - 226

Area(s) Worked: stW: 750+00 - 850+00

Weather Conditions: pt cloudy; S-SE wind, 10 knots; seas 2-5

Range of H_2O Temperature: Surface 86°-87°F Below Mid-Depth 86°-87°F

Condition of all screening apparatus: Good

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

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

Dredge is working red and green sides of channel in stations 750+00 - 850+00. Dredge material is silt with some clay. The only biological specimens were shells. Debris included plastics, pieces of fishing net; shoes, clothing, rope, milk jug, oil filter, wood, metal, and a crab pot. All equipment and screening intact and in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	6	25	Bottlenose dolphin

Observer(s) On Duty: Charlotte Cates, Mary Hart

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 8 / 12 / 97 Loads: 227 - 259

Area(s) Worked: stn: 800+00 - 900+00

Weather Conditions: partly cloudy; predom SE wind 4-10 knots; seas 1-4 ft

Range of H_2O Temperature: Surface 86°F Below Mid-Depth 86°F

Condition of all screening apparatus: Good

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

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

Dredge is working red and green sides of channel in stations 800+00 - 900+00. Dredge material is silt with some clay. The only biological specimens were shells. Debris in dredge material was ~~tin~~ aluminum cans, oil filter, clothing, rope, plastic, milk jugs, fishing net, cable, plastic bucket lid, and a rubber ring. All equipment and screening is intact and in working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	10	50	Bottlenose dolphin

Observer(s) On Duty: Mary Hart, Charlotte Cates

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 8 / 13 / 97 Loads: 260-295

Area(s) Worked: 850+00- 950+00

Weather Conditions: Partly Cloudy, variable wind 4-10 Kts, Seas 1-2'

Range of H_2O Temperature: Surface 86°-87°F Below Mid-Depth 86°-87°F

Condition of all screening apparatus: Good

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

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

Dredge Continues working red and green sides of Channel in Stations 850+00-950+00. Dredge material is silt with Some Clay. Biological specimens Consist of, shells and one skate. Trash items include, line, net, rope, cloth, plastic, gear-metal, rock, milk jug, brick, plastic lid and other assorted trash. Equipment and screening intact and fully functional.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	4	36	Bottlenose dolphins

Observer(s) On Duty: Charlotte Cates, Mary Hart

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 8/14/97 Loads: 296 to 329

Area(s) Worked: Stations 850+00 to 950+00

Weather Conditions: Partly Cloudy, variable wind 4-16 Kts. Seas 1-4'

Range of H_2O Temperature: Surface 88°-89°F Below Mid-Depth 88°-89°F

Condition of all screening apparatus: Good

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

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

Dredge continues working red and green sides of Channel in stations 850+00-950+00. Dredge material is silt with some clay. No biological specimens were taken today. Trash items include; plastic, plastic bucket, fire hose, mesh screening, rope, net, line, clothing, hard hat, filter and other assorted trash. All equipment and screening intact and fully functional.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Charlotte Cales, Mary Hart

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 8 / 15 / 97 Loads: 330 to 358

Area(s) Worked: Stations 850+00 - 950+00

Weather Conditions: Partly Cloudy, S'ly to SW'ly wind 10-25kts, Seas 2-6'

Range of H_2O Temperature: Surface 88°F Below Mid-Depth 88°F

Condition of all screening apparatus: Good

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge continues working red and green sides of channel in stations 850+00-950+00. Dredge material is silt with increasing amounts of clay. Biological specimens consist of one large fish. Garbage samples include; Plastic, line, net, rope, metal gear, filters, tarp, clothing, plastic bucket, and other assorted trash. Dredge down during 1445-1645 hours for repair of starboard cable on dragarm. All equipment and screening intact and fully functional. Tide meter did not seem to be functioning properly.
There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	2	20	One calf

Observer(s) On Duty: Charlotte Cates, Mary Hart

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 8 / 16 / 97 Loads: 359 - 373

Area(s) Worked: STN: 850+00 - 900+00

Weather Conditions: pt Cloudy; S 17-27 kts; seas 4-7

Range of H_2O Temperature: Surface 87°F Below Mid-Depth 87°F

Condition of all screening apparatus: Good

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

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

Dredge Continued working on red and green sides of Channel in Stations 850+00 to 900+00. Dredge material is silt with some clay. No biological specimens were collected. Trash items consisted of one large net.

Observers Charlotte Cates and Mary Hart departed dredge at 0930 hours, after load 369. Dredging continue until 1135 hours. Dredge departed Sabine Pass at 1200 hours.

All equipment and screening intact and fully functional.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	9	Bottlenose dolphin

Observer(s) On Duty: Charlotte Cates, Mary Hart

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

WEEKLY SUMMARY

Dates: 8 / 10 / 97 - 8 / 16 / 97 Loads: 167 to 373

Range of H_2O Temperature: Surface 86° - 89°F Below Mid-Depth 86° - 89°F

Area(s) Worked: Stations 750+00 - 950+00

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

Comments: Dredge worked red and green sides of Channel in Stations 750+00 - 950+00. Dredge material is silt with increasing amounts of Clay. Biological specimens consist of: catfish, shells, Skate, one large fish. Garbage samples include: line, net, rope, plastic, plastic buckets, metal gear, aluminum cans, tin cans, oil filters, cloth, cable, tennis shoes, wood, milk jugs, plastic cups, Crabpots, rubber ring, rock, brick, large amount of fire hose, mesh screening, hard hat and other assorted trash. Dredge was down for two hours on 8-15-97 to repair cable on Starboard dragarm.

Observers Charlotte Cates and Mary Hart departed dredge at 0930 hours on 8-16-97. Dredging continued until 1135 hours, dredge departed Sabine Pass at 1200 hours.

All equipment and screening intact and fully functional.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	29	176	Bottlenose dolphins

Observers On Duty: Charlotte Cates, Mary Hart

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge OUACHITA - SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 9 / 7 / 97 Loads: 414 - 441

Area(s) Worked: Stations 850+000 — 900+000

Weather Conditions: Seas to 4ft, Wind ENE 8-15 kts, Cloudy becoming clear

Range of H_2O Temperature: Surface 79-80°F Below Mid-Depth 29.5°C

Condition of all screening apparatus: All apparatus is in excellent condition

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

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

Material being dredged was silt with some clay
Biological specimen accumulation in dragheads and inflow screening remained light and consisted of fragmented gastropod and lamellibranch molluscan shells.
Abiotic samples included net, rope, chain, tires and assorted trash.
There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
None Sighted			

Observer(s) On Duty: BAHADUR/CATES

ENDANGERD SPECIES OBSERVER PROGRAM
DREDGE OUACHITA / SABINE PASS, TEXAS
USACE, Galveston District

WEEKLY SUMMARY

Dates: 9 / 5 / 97 - 9 / 6 / 97 Loads: 374 – 413

Range of H_2O Temperature: Surface 79°F Below Mid-Depth 29°C

Area(s) Worked: Stations 850^{1000} —— 900^{1000}

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

Comments: Material dredged was sand, silt and clay.
Biological specimens consisted of gastropod and lamellibranch shell fragments, 1 whelk and one flounder.
Abiotic samples consisted of light assorted trash.
Observer boarded the vessel at ≈ 1800 hrs. on 9/5/97 and dredging began with load 374. Cates board ≈ 900 hrs on 9/6/97
There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	1	6±2	Bow riding and porpoising/breaching in the vicinity of the dredge.

Observers On Duty: Bahadur / Cates

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge OUACHITA - SABINE PASS, TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 9 / 8 / 97 Loads: 442 — 473

Area(s) Worked: Stations 800+000 — 900+000

Weather Conditions: ENE Winds to 12 kts, Seas to 4 ft, Ptly cloudy skies

Range of H_2O Temperature: Surface 30 °C Below Mid-Depth 29.5 °C

Condition of all screening apparatus: All apparatus is in excellent condition

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

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

Material being dredged was silt and clay
Biological samples consisted of fragmented molluscan shells, one conch, 1 juvenile clupeid fish and one juvenile Atlantic croaker (Mi. undulatus)
Abiotic samples consisted of assorted, light trash.
There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	1	≈8	In Channel - distant sighting

Observer(s) On Duty: Bahadur / Cates

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge OUACHITA —— SABINE PASS TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 9 / 9 / 97 Loads: 474 – 507

Area(s) Worked: Stations 800+000 —— 900+000

Weather Conditions: Variable Wind to 15 kts, Seas to 4 ft., Mostly Cloudy.

Range of H_2O Temperature: Surface 30°C Below Mid-Depth 30°C

Condition of all screening apparatus: All apparatus is in excellent condition

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

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

Material being dredged is silt with some heavy clay

Biological specimens consisted of one juvenile Spanish mackerel (Scomberomorus maculatus), 1 decomposing catfish, intact and fragmented gastropod shells (conchs, whelks) and broken lamellibranch shells.

Assorted trash consisting of fishing net, cable, rope, plastic and scrap metal was also observed in screening.

There were no incidents

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
None			

Observer(s) On Duty: BAHADER / CATES

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge OUACHITA —— SABINE PASS TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 9 / 10 / 97 Loads: 508 - 541

Area(s) Worked: Stations 800+00-900+00, Sections 1 & 2

Weather Conditions: Cloudy to clear skies, variable wind calm - 15kts, Seas 1-4'

Range of H_2O Temperature: Surface 29.5°- 30.°C Below Mid-Depth 29.5°- 30.0°C

Condition of all screening apparatus: Good

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge continues work in stations 800+00-900+00. Dredge material is silt with moderate amonts of clay. Trash items include; tanker cleaning hose, metal clumps, parts of fan, cloth, line, net, rope, plastic and other assorted trash. Biological samples included; shells, one atlantic cutlass fish. All equipment and screening intact and in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NONE			

Observer(s) On Duty: Bahadur / Cates

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge OUACHITA —— SABINE PASS TEXAS
Gulf Coast Trailing Co. / USACE, GALVESTON DISTRICT

DAILY REPORT

Date: 9 /11 /97 Loads: 542-575

Area(s) Worked: Section 1 850+00-900+00, Section 4 700+00-750+C

Weather Conditions: Clear to Partly Cloudy skies, variable wind 15-20 kts, seas 2'

Range of H_2O Temperature: Surface 30°C Below Mid-Depth 30°C

Condition of all screening apparatus: Good

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is silt with some clay. Biological samples consist of shells. Trash items include; tire, plastic tubing, wire mesh, line, net, rope, plastic, metal, cable, and other assorted trash. All equipment and screening in good working order.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Cates, Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 9 / 12 / 97 Loads: 576-605 650+00

Area(s) Worked: Section 4 700+00-750+00, Section 3 Red & Green Corners, Section

Weather Conditions: Clear to Partly Cloudy, SE wind 4-15 kts Seas 1-3'

Range of H_2O Temperature: Surface 29°-30°C Below Mid-Depth 29°-30°C

Condition of all screening apparatus: Good

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

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

Dredge material is silt with increasing amounts of clay. Biological samples consist of shells. Trash items include; plastic buckets, line, net, rope, cloth, oil filters, coffee can, can of Spam and other assorted trash. All equipment and screening in good working order.

There were no incidents involving endangered species

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	4	Bottlenose dolphins

Observer(s) On Duty: Charlotte Cates, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 9/13/97 Loads: 604-637

Area(s) Worked: Section 3 Stations 650+00-700+00, Section A

Weather Conditions: Partly Cloudy to overcast, SE wind 7-15 Kts, Seas 2-3'

Range of H_2O Temperature: Surface 28.5°-30°C Below Mid-Depth 28.5-30°C

Condition of all screening apparatus: Good

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is silt with some clay. Biological specimens consist of shells and one Spanish Mackerel. Trash items consist of: line, net, rope, cans, boot, cloth, plastic, and other asorted trash. All equipment and screening intact and fully functional.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Charlotte Caks, Rory Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

WEEKLY SUMMARY

Dates: 9/7/97 - 9/13/97 Loads: 414-637

Range of H_2O Temperature: Surface 28.5-30°C Below Mid-Depth 28.5-30.0°C

Area(s) Worked: Sections 1-2 Stations 800+00-900+00, Section 4 700+00-750+00, Section 3 Red & Green Corner, Section A

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

Comments: Dredge material is silt with some clay. Biological specimens light consisting of; one juvenile Atlantic croaker, conch shells, clupeiid fish, molluscan shells, fragmented gastropod shells, two spanish mackerels, one decomposing catfish, one Atlantic cutlass fish. Trash items include; line, net, rope, plastic buckets, plastic jugs, clothing, boots, cans, oil filters, metal, cable, wire mesh, plastic tubing, tanker cleaning hose, parts of a fan, tires and chain. All equipment and screening intact and fully functional.

There were no incidents involving endangered species

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	2	12	Bottlenose dolphin

Observers On Duty: Charlotte Cates, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 9 / 14 / 97 Loads: 638-669

Area(s) Worked: 650+00 - 700+00, and Section B 460+00-510+00

Weather Conditions: Partly Cloudy to Clear Skies, variable wind S 10 Kts, Seas 1-3'

Range of H_2O Temperature: Surface 29-29.5°C Below Mid-Depth 29-29.5°C

Condition of all screening apparatus:

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is silt with some Clay. Biological specimens Consist of Shells. Trash items were light and consisted of; palm seed, metal clump and cloth. All equipment and screening intact and fully functional.

There were no incidents involving endangered species

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	8	Bottlenose dolphins

Observer(s) On Duty: Cates, Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 9 /15 /97 Loads: 670-708

Area(s) Worked: Stations 650+00-700+00, 460+00-510+00

Weather Conditions: Cloudy skies, variable winds 1-15 Kts, Seas 1-3'

Range of H_2O Temperature: Surface 29-30°C Below Mid-Depth 29-30°C

Condition of all screening apparatus: Good

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is silt with some Clay. No biological Specimens were Collected. Trash items light consistin of, line, net, rope and Cloth. There were no incidents involving endangered species. All equipment and Screening intact.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
One possible dead dolphin drifting outside channel from the S.W.			

Observer(s) On Duty: Cales. Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 9/16/97 Loads: 704 - 736

Area(s) Worked: Stations 650+00 - 700+00, 460+00 - 510+00

Weather Conditions: Partly Cloudy, Variable wind light - 12 Kts. Seas 12"

Range of H_2O Temperature: Surface 28.5 - 30°C Below Mid-Depth 28.5° - 30.0°C

Condition of all screening apparatus: Good

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is silt with some clay. Shells were the only biological specimens sampled. Trash items were light consisting of: line, net, rope, plastic milk crates, metal clumps and cloth. The crew of the Ouachita quickly replaced missing shackles on port and starboard TEDS. All equipment and screening intact and fully functional

There were no incidents involving endangered species

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
None			

Observer(s) On Duty: Cates, Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 9 / 17 / 97 Loads: 737 - 765

Area(s) Worked: Stations 460+00-510+00 Sect B, Stations 650+00-700+00

Weather Conditions: Partly Cloudy, S to SW winds 4-12 kts, Seas 1-2'

Range of H_2O Temperature: Surface 29.0°C - 30.0°C Below Mid-Depth 29.0°C - 30.0°C

Condition of all screening apparatus: Good

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

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

Dredge material is silt with some clay. Biological specimens consisted of one blue crab. Trash items were light consisting of; line, net, rope, cable, plastic, cloth, shells, and other assorted trash. Dredging stopped at 1650 to move inside jetties for personnal transfer. Dredging resumed at 1842 hours. All equipment and screening intact and fully functional.

There were no incidents involving endangered species

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Cates, Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 9 / 18 / 97 Loads: 766-795

Area(s) Worked: Stations 350+00-400+00, 460+00-510+00

Weather Conditions: Variable winds light to 15 Kts, seas 2-4', Cloudy skies

Range of H_2O Temperature: Surface 28.5°-30.0°C Below Mid-Depth 29°-30.0°C

Condition of all screening apparatus: Good

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

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

Dredge material is silt with some clay. No biological specimens were sampled. Trash items consisted of cloth, net, line, rope, metal scrap, oil filter. All equipment and screening intact and fully functional.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	8	Bottlenose dolphins

Observer(s) On Duty: Charlotte Cales, Rory Bahadur.

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 9 / 19 / 97 Loads: 796- 829

Area(s) Worked: Stations 460+00-510+00, 650+00-710+00, 350+00-400+00

Weather Conditions: Partly Cloudy, S to SE'ly winds 4-15 Kts, Seas 2-4'

Range of H_2O Temperature: Surface 29- 30°C Below Mid-Depth 29-30°C

Condition of all screening apparatus: Good

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is silt with some clay. Biological specimens consist of shells one atlantic cutlass fish. Trash items include; cloth line, net, rope and other assorted trash. All equipment and screening intact and fully functional.

There were no incidents involving endangered species

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NONE			

Observer(s) On Duty: Charlotte Cats, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 9 / 20 / 97 Loads: 830-862

Area(s) Worked: Stations 350+00-400+00, 460+00-510+00

Weather Conditions: Partly Cloudy skies, variable wind 11-25 Kts, Seas 2-7 Kts

Range of H_2O Temperature: Surface 29-29.5°C Below Mid-Depth 29-29.5°C

Condition of all screening apparatus: Good

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is silt with Some Clay. Biological specimens Consist of Shells, one red drum. Trash items include; Cloth, Oil filter, line, net, rope, wood, plastic and Other assorted trash. All equipment and Screening intact and fully funtional.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	2	bottlenose dolphins

Observer(s) On Duty: Charlotte Cates, Rory Bahadur

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

WEEKLY SUMMARY

Dates: 9/14/97 - 9/20/97 Loads: 638-862

Range of H_2O Temperature: Surface 28.5-30.0°C Below Mid-Depth 28.5-30.0°C

Area(s) Worked: Stations: 350+00-400+00, 460+00-510+00, 650+00-710+00

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

Comments: Dredge material is silt with some clay. Biological specimens included: shells, one red drum, one Atlantic Cutlass fish, one blue crab. Trash items include: line, net, rope, oil filters, plastic, plastic buckets, milk crates, metal scrap, palm tree seed. The crew of the Ouachita quickly replaced shackles on TEDS on port and starboard sides. All equipment and screening intact and functional.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	3	18	Bottlenose dolphins

One possible dead dolphin drifting outside channel from S.W. 9/16

Observers On Duty: Charlotte Cakes, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 9 / 21 / 97 Loads: 863- 893

Area(s) Worked: Stations 350+00- 400+00, 460+00- 510+00

Weather Conditions: Partly Cloudy, E-ESE'ly wind 11-25Kts, seas 3-7'

Range of H_2O Temperature: Surface 29°- 30° C Below Mid-Depth 29°- 30°C

Condition of all screening apparatus: Good

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is silt with increasing amounts of clay. Biological specimens consist of: Shells, blue crab. Trash items include: line, net, rope, cloth, rock, cable, plastic and other assorted trash. All equipment and screening intact and fully functional.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	2	Bottlenose dolphin

Observer(s) On Duty: Charlotte Cats, Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 9/22/97 Loads: 894-922

Area(s) Worked: Stations 400+00-510+00, 460+00-510+00, 350+00-400+00

Weather Conditions: Cloudy, E→ESE winds 7-25 kts. Seas 3-7'

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

Condition of all screening apparatus: Good

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is silt with some clay. No biological specimens were sampled. Trash items were: net, line, rope, metal scrap, piping. All equipment and screening intact and fully functional. No tempertures were taken due to poor weather conditions.

There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
risops truncatus	1	3	

Observer(s) On Duty: Charlotte Cates, Rory Bahadur

ENDANGERD SPECIES OBSER , ER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 9/23/97 Loads: 923-954

Area(s) Worked: Stations 350+00-400+00, 650+00-700+06

Weather Conditions: Partly cloudy rain, ESE + SE wind 17-27 Kts, Seas 4-8

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

Condition of all screening apparatus: _____

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

Comments (type of material being dredged, biological specimens, etc.):
Dredge material is silt with some Clay. No biological specimens were sampled. Trash items light in quantity Consisting of: line, net, rope, plastic and metal scraps. All equipment and screening intact and fully functional. No tempertures were taken due to poor weather condition.
There were no incidents involving endangered species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NONE			

Observer(s) On Duty: Charlotte Cates Rory Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 9 / 24 / 97 Loads: 955-990

Area(s) Worked: Stations 650 1000 — 700 1000

Weather Conditions: North/SW wind to 15 kts, Overcast, Seas 3-4 ft

Range of H_2O Temperature: Surface 28 Below Mid-Depth 28

Condition of all screening apparatus: Good

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

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

Material being dredged was silt with clay
There was no significant accumulation of biological specimens
Abiotic samples consisted of assorted trash
There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
0			

Observer(s) On Duty: Cates, Bahadur

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *OUACHITA* - Sabine Pass, TX
USACE, Galveston District

DAILY REPORT

Date: 9 / 25 / 97 Loads: 991-997

Area(s) Worked: 650+000 — 700+00

Weather Conditions: North Wind 15k, 3 ft. Seas, Clearing skies, Cool

Range of H_2O Temperature: Surface 29 Below Mid-Depth 29

Condition of all screening apparatus: Good

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

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

Dredging on the Sabine Pass Channel ceases at 0451 hrs. Vessel preparing to depart site.

Material dredged was silt and clay.

No significant biological accumulation was observed in the inflow screening.

Abiotic samples consisted of assorted trash.

There were no incidents

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
None			

Observer(s) On Duty: Cates, Bahadur