ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah District

DAILY REPORT

Date: 3 / 4 /97 Loads: 1-3

Area(s) Worked: -320+00 → -375+00

Weather Conditions: Sea State 2-3'; Wind SW→S, 10-15 Knots; Cloud cover ∅ slight haze → clear

Range of H_2O Temperature: Surface 60-62°F Below Mid-Depth 59-62°F

Condition of all screening apparatus: N/A

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

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

Morning spent at jetties running tests and making final repairs

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (bottlenose dolphin)	2 same animals	2	0716 - 32° 02' 15" x 80° 49' 55"
Tt		3	0752 - 32° 02' 15" x 80° 51' 00"

Observer(s) On Duty: Ximena Prudencio

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 3 / 5 / 97 Loads: 9-12 (observed loads, only daylight hours)

Area(s) Worked: -320+00 → -375+00

Weather Conditions: variable winds turning S; B. sea state 1-3 ; wind 3-5 → 8-12kts ; air temp low 70's* cloud coverage - 0% → 10-15%

Range of H_2O Temperature: Surface 64° F Below Mid-Depth 60 - 63°F

Condition of all screening apparatus: N/A

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

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

load 9 - some delays experienced due to snapped cable & a leak in hydrolic Room

* slight haze & thick haze with visibility <2.5 miles at some points; haze lifting & lowering variably throughout the day.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (bottle nose dolphin)	1	~8-10	@ 1140, moving inbound btwn buoys "9" & "10"

Observer(s) On Duty: Vivene Prudencio

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 3 / 6 / 97 Loads: 18-23 (observed loads, daylight only)

Area(s) Worked: ~320+00 → ~375+00 (loads 18, 19, 20); ~375+00 → ~275+00 (loads 21, 22, 23)

Weather Conditions: Beaufort Sea state 2 - 4'; wind WNW 12-18 → 20-30 → 12-18°; cloud cover 10-17%

Range of H_2O Temperature: Surface 62 - 64°F Below Mid-Depth 60 - 63°F

Condition of all screening apparatus: N/A

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

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

air temp mid to lower 60's

digging with both draghead most of day

- Army Corp of Engineers Safety Inspectors came out to gather information on how to make dredges safer - Inspectors briefly spoke to observer regarding possible hazards ~~[illegible]~~ while gathering biological specimens. Observer noted to inspectors that the dredge Ouachita had many safety features, such as locks on inflow pumps and sending crew member along on rounds.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (bottlenosed dolphin)	1	2	just inside of buoys "7" & "8"
Tt	1	1	outside channel by marker "12"

Observer(s) On Duty: Ximena Prudencio

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 3 / 7 / 97 Loads: 31-35 (observed loads, daylight only)

Area(s) Worked: -375+00 → -275+00

Weather Conditions: sea state 3-4', wind NW 20-25 kts, 10-15% cloud

Range of H_2O Temperature: Surface 61°F Below Mid-Depth 61°F

Condition of all screening apparatus: N/A

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

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

air temp - 50-58°F

after load 34 crew worked to straighten STBD. deflector which was misaligned

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (bottlenose dolphin)	1	1	at jetty by marker "17"

Observer(s) On Duty: Ximena prudencio

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 3 / 8 /97 Loads: 43-48 (observed loads, daylight only)

Area(s) Worked: -375+00 → 275+00 (loads 43-47); -395+00 → -275+00

Weather Conditions: B. sea state 1-2 → 2-3; wind ENE → NE → S, 2-5 KTS → 5-10; cloud cover 5-10%

Range of H_2O Temperature: Surface 63°F Below Mid-Depth 59-63%

Condition of all screening apparatus: N/A

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

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

air temp - 55-64°F

material being dredged is fine, dark silt

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (bottlenose dolphin)	2	~12	headed inbound at "6" & "8" @ 0734
Tt	1	1	en route to dump @ "7" @ 0820
Tt	1	~8	outside channel by marker "7"

Observer(s) On Duty: Ximena Prudencio

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 3 / 9 / 97 Loads: 55-60 (observed loads; daylight only)

Area(s) Worked: -395+00 → -275+00

Weather Conditions: sea state calm → 1-2'; wind N 10-12 kts; cloudcover 10-80%; air temp 60-67°

Range of H_2O Temperature: Surface 60-62°F Below Mid-Depth 61-65°F

Condition of all screening apparatus: N/A

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

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

weather calm & favorable for dredging. excellent visibility today

during load 60 temporary loss of all power; power recovered quickly — problem seems related to use of bow thruster.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT (bottlenose dolphin)	1	1	outside channel near marker "4"
TT	1	3	btwn. "7" & "8" and "5" & "6" - mid channel

Observer(s) On Duty: Ximena Prudencio

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

WEEKLY SUMMARY

Dates: 3 / 4 / 97*1 - 3 / 9 / 97 Loads: 1 - 60 *2

Range of H_2O Temperature: Surface 60-64°F Below Mid-Depth 59-65°F

Area(s) Worked: -320+00 → -375+00 (loads 1-20); -375+00 → -275+00 (loads 21-47); -395+00 → -275+00 (loads 48-60)

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

Comments:

*1 observer boarded Dredge Ouachita 3-3-97 as dredge prepared for fueling in Savannah. Dredging did not commence until morning (11:10) of 3-4-97.

Observer informed corp representative, captains, mates and other concerned parties that no daily flight surveys were expected in the area, however from time to time we may receive a report from the flight survey team if they did fly in the area.

Weather most favorable for dredging. Most days good to excellent visibility, though some days quite hazy on the surface.

Ship traffic busy - averaging approximately 8-10 ships per day - some days traffic as high as 16-19 ships.

*2 - actual observed loads during daylight hours only - *1-3; 9-12; 18-23; 31-35; 43-48; 55-60

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (bottlenosed dolphin)	2	5	3-4-97 — all sightings in or near channel
Tt	1	~8-10	3-5-97 or dumpsite with no
Tt	2	3	3-6-97 unusual behavior observed
Tt	1	1	3-7-97
Tt	4	~21	3-8-97
Tt	2	4	3-9-97

Observers On Duty: Ximena Prudencio

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 3 / 10 / 97 Loads: 66 - 70 (observed loads, daylight only)

Area(s) Worked: -320000 → -395000

Weather Conditions: sea state 2-4'; SW wind 10-20 kts; cloud cover 15% → 50% → 15%

Range of H_2O Temperature: Surface 61 - 65°F Below Mid-Depth 61 - 65°F

Condition of all screening apparatus: N/A

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

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

air temp [redacted] 61 - 70°F

good weather for digging - visibility excellent most of day. digging a load takes longer as some of the material has been cleaned up.

load 71 observed until dark - dark in time for transit to dump.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT (bottlenose dolphin)	1	1	near marker "9" @ 1132
TT	1	2	mid channel btwn "7" & "8" @ 1738

Observer(s) On Duty: Ximena Prudencio

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 3 / 11 / 97 Loads: 75 - 78 (observed loads, daylight hours only)

Area(s) Worked: -395+00 ⟶ -320+00

Weather Conditions: seas 0-3'; wind WSW → SW 10-15 → 7-10KB; cloud cover 70% down to 15%

Range of H_2O Temperature: Surface 62 - 65 °F Below Mid-Depth 62 - 65 °F

Condition of all screening apparatus: N/A

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

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

air temp range

conditions ideal for digging today. seas mostly calm; visibility excellent.

load cycle is getting longer as dredge is working clean up. this makes for fewer transits to and from the dumpsite

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (bottlenose dolphin)	5	24	sightings throughout the day
Dc (leatherback sea turtle)	1	1	at dumpsite

Observer(s) On Duty: Ximena Prudencio

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 3 / 12 / 97 Loads: 82 - 85 (observed loads, daylight only)

Area(s) Worked: -395 too → -320 too

Weather Conditions: sea state 3-4' increasing to 3-6'; wind NE 18-20 → 20-28 KTS; cloudcover 15% → 75%

Range of H_2O Temperature: Surface 62 - 65°F Below Mid-Depth 62 - 65°F

Condition of all screening apparatus: N/A

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

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

- material being dredged is still fine silt - conditions for dredging not favorable, though still possible.

- water choppy all day; increasing chop as day progressed. visibility good but bridge watch more difficult due to choppy conditions.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
∅			

Observer(s) On Duty: Ximena Prudencio

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 3 / 13 / 97 Loads: 90 - 92 (observed loads, daylight only)

Area(s) Worked: ~395+00 → ~320+00

Weather Conditions: Sea state 2-6'; NE → ESE winds 15-30 kts; cloud cover 80-85% → 100%

Range of H_2O Temperature: Surface 63 - 65 °F Below Mid-Depth 63 - 66 °F

Condition of all screening apparatus: N/A

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

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

air temp - 60 - 67° F

weather conditions not favorable for digging or whale watching. visibility fair to poor throughout the day.

delays from 0931 to 1149 due to work on Std. engine. dredge spent delay time at dumpsite.

no whales seen in or near work area.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt (bottlenose dolphin)	2	2	@ 0739 & @ 1800 both near or in channel in work area

Observer(s) On Duty: Ximena Prudencio

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 3 / 14 / 97 Loads: 97 - 101 (observed loads, daylight only)

Area(s) Worked: -395 tow → -320 tow

Weather Conditions: Sea state 4-6' calming to 2-4'; wind SSE 15-20 → 10-15; cloud cover 100% clearing to 85-90%

Range of H_2O Temperature: Surface 65 - 66°F Below Mid-Depth 63-65°F

Condition of all screening apparatus: * excellent conditions for all screening - except skimmer which is missing 1/4 screening - *no turtle observation required for this job. - stied. & port overboard discharge not in use.

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

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

air temp 61-62°F

no whale sightings today

* following load 101 deckhand on duty reported turtle parts on skimmer. observer checked all screening - no other parts were found. parts found on skimmer were collected, measured and photographed. with limited parts available, observer believes the parts to be of a juvenile loggerhead (Caretta caretta) - description of parts found listed below. crew on duty was most helpful in assisting observer with incident. appropriate parties have been notified. some tissue was preserved the rest was discarded at dumpsite w/ weights.

→ one continuous turtle part which included both left & right front flippers (11½" & 11½ inches in length, respectively - straight lengths). little to no carapace remained, less than 1/4 part of plastron some skin and other tissue also remained. no other parts have been found.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	1	1	mid-channel btwn "7" & "8" @ 0837
bottlenose dolphin			

Observer(s) On Duty: Ximena prudencio

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 03 / 15 / 97 Loads: 105-108 daylight observed

Area(s) Worked: Sta -395+00 — -320+00

Weather Conditions: Clear Winds WNW 0-4 OK <5% cloud cover

Range of H_2O Temperature: Surface 66°F Below Mid-Depth —

Condition of all screening apparatus: N/A

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

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

No Cetacean Sightings

- excellent viewing conditions after mid-day as wind & seas laid down, New observer aboard in mid-afternoon, Ximena took turtle parts ashore as directed

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Ximena Prudencio + Andrew Brown.

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 3 / 16 / 97 Loads: #112 - 116 observed

Area(s) Worked: Sta -395+00 — -320+00

Weather Conditions: Clear Windy Winds NE 8-35 K Seas 3-7'

Range of H_2O Temperature: Surface low 60's F Below Mid-Depth —

Condition of all screening apparatus: N/A

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

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

No Cetacean Sightings

adverse viewing conditions, winds & seas up All day,

* 2 turtles sighted during dump runs, close to buoys #4 & #5

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
* Caretta caretta	2	2	~~NEAR~~ buoys #4 & #5 during dump runs

Observer(s) On Duty: Andrew Brown

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

WEEKLY SUMMARY

Dates: 3 / 10 / 97 - 3 / 16 / 97 Loads: 66 - 116 *

Range of H_2O Temperature: Surface Low 60°S - 67° F Below Mid-Depth 61° - 65° F

Area(s) Worked: Sta -395+00 — -320+00

Air temp 40 - 67° F

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

Comments: See daily report for 3-14-97: logerhead turtle (Caretta caretta) parts found in skimmer.

No Whale Sightings

Viewing conditions varied from very poor to fine, according to winds + seas.

Observers switched out 3-15-97, X. Prudencio leaving, Andrew Brown arriving.

Observations continue during daylight hours only, actual observed loads: 3/10 66-70; 3/11 75-78; 3/12 82-85; 3/13 90-92; 3/14 97-101; 3/15 105-108; 3/16 112-116

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments	
Tt	2	3	No unusual behavior	3/10
Tt	5	24	throughout the day	3/11
Dc (leatherback turtle)	1	1	At Dumpsite	3/11
Tt	2	2	No unusual behavior	3/13
Tt	1	1	" " "	3/14
Cc Logerhead turtle	2	2	near buoys #4 + #5	3/16

Observers On Duty: X. Prudencio + Andrew Brown

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 3 / 17 / 97 Loads: # 119 – 123

Area(s) Worked: STA – 395+00 — – 320+00

Weather Conditions: Clear Skies Winds NNE 6–24 kts Seas 2-4'

Range of H_2O Temperature: Surface 64°F Below Mid-Depth 62°F

Condition of all screening apparatus: N/A

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

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

NO INCIDENTS NO Sightings

Viewing CONDITIONS MEDIUM, AS WINDS SLOWED And Seas CALMED

Air temp ~ 60°F

Load cycle slowed CONSIDERABLY in late afternoon as survey arrived, + we MOVED once again to the steep slopes.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Andrew Brown

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 3 / 18 / 97 Loads: 126–130 (observed)

Area(s) Worked: Sta. -395+00 — -320+00 and -320+00 — -180+00

Weather Conditions: Clear — cloudy, Winds N—W 4-16Kts Seas calm – 2'

Range of H_2O Temperature: Surface 64°F Below Mid-Depth 62°F

Condition of all screening apparatus: N/A

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

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

No Sightings No Incidents

very good viewing conditions throughout the day. Digging stations changed temporarily so a good survey could happen.

Trunion cable forward port drag arm sheared late afternoon, repairs made, delaying #130 dump run until well after dark

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	2	in channel, western end of cut

Observer(s) On Duty: Andrew Brown

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 03 / 19 / 97 Loads: 134-137 (observed)

Area(s) Worked: Sta -385+00 — -320+00 — -180+00

Weather Conditions: Partly-Full Cloud, Winds SW-W 12-16K Seas 1-2'

Range of H_2O Temperature: Surface 64 Below Mid-Depth 62

Condition of all screening apparatus: N/A

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

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

No Sightings No INCIDENTS

Ship Aground in channel had us slow digging for several hours without being able to access dump.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	1	3	west end of cut

Observer(s) On Duty: Andrew Brown

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

VERNAL EQUINOX

Date: 3 / 20 / 97 Loads: 142 – 146 (OBSERVED)

Area(s) Worked: STA –395+00 – –320+00 —— –180+00

Weather Conditions: 100% cloud cover, seas calm winds E–NE 8-20 Air 55°-65°F

Range of H_2O Temperature: Surface 64°F Below Mid-Depth 62°F

Condition of all screening apparatus: N/A

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

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

No Sightings No INCIDENTS

crew change early in haze + fog most of day good viewing conditions due to calm water and minimal glare.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT	3	7	Nothing UNUSUAL

Observer(s) On Duty: Andrew Brown

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 03 / 21 / 96 Loads: #150 – 153 observed

Area(s) Worked: STA -395 +00 – -320 +00 – -180 +00

Weather Conditions: OVERCAST Winds E-NE 10-26 K Seas calm – 3'

Range of H_2O Temperature: Surface 64°F Below Mid-Depth 62°F

Condition of all screening apparatus: N/A

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

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

Good viewing conditions due to relatively calm seas and almost no glare.

NO Sightings NO INCIDENTS

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	3	13	Nothing unusual

Observer(s) On Duty: A. Brown

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

DAILY REPORT

Date: 3 / 22 / 97 Loads: #155*, #157*-158 (project terminated @ 0957

Area(s) Worked: STA -320+00 — -180+00

Weather Conditions: Clear, Calm Winds Westerly 10-12K Seas 1-3'

Range of H_2O Temperature: Surface 64°F Below Mid-Depth 62°F

Condition of all screening apparatus: N/A

Are there incidents involving endangered or ~~protected~~ THREATENED species? Yes ✓ No____

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

* Caretta caretta taken during load #155 in Stbd deaghead.

* Caretta caretta taken during load #157 in Stbd. deaghead

See attached incident sheets for both takes.

Project halted by Corps @ 0957 due to 2 takes in one day.

Remains of both turtles weighted with scrap metal and disposed of at the dump site

No Whales Sighted!

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	1	9	Nothing unusual.

Observer(s) On Duty: Andrew Brown

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *OUACHITA* / Gulf Coast Trailing Co.

Savannah Harbor Entrance / USACE, Savannah Sistrict

WEEKLY SUMMARY

Dates: 3 / 17 / 97 - 3 / 22 / 97 Loads: 119 – 158

Range of H_2O Temperature: Surface 64 °F Below Mid-Depth 62 °F

Area(s) Worked: STA -395+00 — -320+00 — -180+00

Are there incidents involving endangered or protected species? Yes ✓ (THREATENED) No

Comments: No Whale sightings NOR INCIDENTS

→ Two turtles (Caretta caretta) taken 3/22/97, closing us down during load # 158 at 0957, sending us to the dump for the last time. SEE ATTACHED INCIDENT REPORTS.

Full range of viewing conditions, mostly fair – good.

Project terminated

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	8	25	Nothing unusual.

Observers On Duty: Andrew Brown

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Ouachita

Project Savannah

Date: 3/22/97

Load # 158 Times: Start 0928 End 0957 Dump 1105

Location In Channel: Sta

Beau. Sea State 2-3 Wind: Direction W Speed 14-18 Cloud Cover (%) <5%

H_2O Surf.Temp 64°F (Cel. or Far., circle one) Tide: H HE (LE) L LF HF (circle one)

Port Draghead: Deflector: Stbd Draghead: Deflector:

Air 66°F

Sighting # 1. Time Vessel Location (lat/long) X

Magnetic Bearing to Sighting Estimated Distance

Species Observed # of Animals

Direction of Travel: Vessel Whales

Comments (Visual description-- length, color, flukes, etc.; behaviors observed, respiration rates, duration of observation):

Sighting # 2. Time Vessel Location (lat/long) X

Magnetic Bearing to Sighting Estimated Distance

Species Observed # of Animals

Direction of Travel: Vessel Whales

Comments (Visual description-- length, color, flukes, etc.; behaviors observed, respiration rates, duration of observation):

General Observations:

CLOSED OPERATIONS DUE to TAKING 2 turtles in one day — AS per Corps instructions

(see attachments for additional info

Observer(s) On Duty: A. BROWN.