ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 6/27/91 Day Loads: 1-7

Area Worked: Section 3 station -340 - -380 (Red Tag)

Conditions: cloudy, wind SE 10 kts, seas < 2', ~85°, tide H 0840 L 1500

Incidents: Lateral screen installed before the dredge began dredging. Port side screen will be replaced with a smaller mesh screen tomorrow. Old chain link which screens inboard of the hopper coamings (non-sampling) will be replaced later in the week. Skimmer screens look good.

Dredging sand / silt with some sloppy mud in patches.

No incidents.

Note: Marine organisms are plentiful on lateral overflow screens. This has included: horseshoe crabs; blue crabs; speckled crabs; catfish; crackers; several species of eels; jellyfish; sea pork; sea cucumbers; sand dollars; mantid shrimp; brown shrimp; marine worms; cockles; tonguefish; hogchokers; porcupinefish; several species of marine algaes; etc.

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Observer On Duty:
Ch Slay
Joe Ferris

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 6/28/91 Day Loads: 11, 15, 17 thru 19

Area Worked: Section 3, Stations -34+000 to -38+000 (Red side)

Conditions: P. cloudy; Wind, NE 10-15 kts; Seas, 2-3'; 78-84°F

Incidents: Two incidents to report. Both involve loggerhead (Caretta caretta) turtles, which were discovered wedged in dragheads following loads 11 and 15 by the draytenders. No observer was on board at the time. No incidents from loads 17 thru 19.

#1: Load 11 - (6/27 and 28/1991): Loggerhead in draghead, removed and saved by draytender. Carapace and plastron fractured extensively. Sex undetermined. Carapace (OC): length = 27", width = 24"; Plastron (OP): length = 18¼", width = 20"; Head: Length = 6", width = 5¼". Stomach/intestine examination found species that are appearing on lateral overflow screens. Bottom material is sand/silt. Carcass disposed of at dumpsite. ~0030 hrs.

#2: Load 15 - (6/28/91): Loggerhead removed from draghead by draytender. Carapace fractured in four places. Some of internal organs missing. No tags or marks from previous tags on either turtle carcass. Appears from necropsy to be a female, ovaries present. Carapace (OC): length = 25½", width = 22"; Plastron (OP): length = 18", width = 18½"; Head: length = 6½", width = 5½". Stomach/intestine evaluation also found species characteristic of dredging area. Carcass disposed of at dumpsite. Intestine found in subd. lateral screen associated with above incidents. ~0700 hrs.

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Sugar Island fueling 1400-1800. Observers worked on screening while the dredge fueled.

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 6/29-6/30 Day/Night Loads: 25-35

Area Worked: Section 3 station 340 - 380 (Red)

Conditions: p.cloudy, wind variable <10 kts, seas <2' ~90° tide: H 0959 L 1606 H 2220 L 0447

Incidents: Digging sand/silt on north slope.

I replaced port sampling/lateral screen today.

No incidents.

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Jane Fleetwood

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 6/30/91 Day Loads: 36-39

Area Worked: section 3 station .340 - .380 (RoJ)

Conditions: clear, wind NE 10 kts, seas 2', 285° tide: H 1039 L 1644

Incidents: Digging sand/silt on red toe.

I worked all day replacing chain-link which screened forward two-thirds of the hopper. New fencing works much better.

1630 hrs. sighted large adult loggerhead (Caretta caretta) surface approx 50 feet to the stbd of the dredge. It dove, swimming away from the dredge.

No Incidents.

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Chris Slay

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Sugar Island/NATCO
Savannah River Entrance Channel

WEEKLY SUMMARY

Dates: 6/27 - 6/30 1991 Loads: 1 - 39

Areas Worked: Stations -340 to -380 (Red Toe)

Incidents: Lateral screening installed before the dredge began digging though it was only functioning at about 60%. Observers spent the next two days re-screening the hopper. Skimmer screening working Fine. All screens functioning well after repairs.

Turtle taken 6/28/91, load #11, ~0030 hrs. Loggerhead sea turtle (Caretta caretta) found in draghead by dragtender. Carapace crushed - extensive internal damage. Carcass saved for observer. See Daily Report 6/28 for Details.

Turtle taken 6/28/91, load #15, ~0700 hrs. Loggerhead sea turtle found in draghead by dragtender. Carapace crush, much of the viscera sucked out. Carcass saved For observers. See Daily Report 6/28 for details.

Intestine found in lateral screens by observer upon boarding associated with above incidents.

Crew help much appreciated.

Observer Coverage This Period - 51/96 hours 53%

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Observer(s) On Duty:
Chris Slay
Jane Fleetwood
Joe Ferris

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/1/91 Day Loads: 45 - 49

Area Worked: stations -340 to -380 (red toe)

Conditions: clear, wind SE 5-10 kts, seas <2', 89°, tide: 1118 1725

Incidents: Digging Fine sand/silt on red toe -
Lots of blue crabs in the screens -

No incidents.

Screens are all looking good -

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ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/2 and 3/91 (Day-Night) Loads: 56 thru 62

Area Worked: Sect 3; Stations -380 to -340 (Red side)

Conditions: Clear to Overcast by morning; Winds, light SE to gusting from SW; 82-90°F

Incidents: One incident to report.

a) Loggerhead sea turtle (Caretta caretta) found wedged in draghead by dragtender following load # 52. Carapace and plastron broken-up. Most internal organs missing. From length of tail and size of claws, believed to be a male. Carapace length (OC) = 27", width = 25½"; Plastron: length = 20", width = 22½"; Head: Length = 6¾", width = 5½". No tags or tag scars. Carcass disposed off at dumpsite. Material a sand/silt. No observer on board vessel at time of incident.

Intestine found in screen upon boarding, believed to have come from incident above.

During early part of day, the lateral screens contained numerous biological specimens. This declined through the watch as the surface materials became a lesser proportion of material being dredged. Characteristic of dredged materials varied from sand/silt to fine sand. The organisms found were typical of marine benthic communities in this area.

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Observer On Duty:
Joseph Ferris

Jane Fleetwood

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/3/91 Loads: 63 - 66

Area Worked: Section 3, Stations -370 to -340 (Red side)

Conditions: P. cloudy, clearing in PM; Seas 1-2'; Wind SW 10-20 knts; 84-88°F

Incidents: No incidents during watch period.

Material primarily sand with few organisms in screens.

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Observer On Duty:
Joseph Ferris

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/4/91 Loads: 71 thru 73

Area Worked: Sect 3, Stations -370 to -340 (Red side)

Conditions: Overcast; Seas, 2-4'; Winds, 10-20 knts SSW; 84°F

Incidents: No incidents to report during observation period.

No change in dredging area or material.

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Observer On Duty:
Joseph Ferris

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/5-6/91 (Day/Night) Loads: 78 - 85

Area Worked: Sect. 3, Stations -370 to -340

Conditions: P. cloudy; Seas, 2-4'; Winds, 10-15 knts SW; 82-86°F

Incidents: Clean digging -

No incidents to report -

7/6 0630 ws- Sugar Island heads to the dock for installation of turtle excluders on the dragheads -

Observer Slay spent the day (7/6) at the dock helping with the installation of the excluder devices -

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Jamie Fleetwood

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/7 - 7/8 Day/Night Loads: 88 - 93

Area Worked: Stations -334 to -370

Conditions: p. cloudy, wind ~S 10 kts, seas 1-3', 90° tide L 1018 H 1633

Incidents: No incidents.

Turtle excluders are requiring as much maintenance as time allows on dump runs. It will be difficult to keep the chain mesh intact -

CKS

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Observer On Duty:
Gina Gore
Chris Slay

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Sugar Island/NATCO
Savannah River Entrance Channel

WEEKLY SUMMARY

Dates: 7/1 - 7/7 1991 Loads: 45-93

Areas Worked: Outer Channel, Stations -334 to -380

Incidents: Turtle taken 7/2, load 52, 0230 hrs - Sub-adult loggerhead (caretta caretta) found crushed in draghead by dragtender. Specimen kept for observer who examined it upon boarding that morning. Intestine found in the screens upon boarding presumed to be associated with above incident.

7/6 observer and crew worked all day installing turtle excluders on the dragheads. Effectiveness of these devices is yet to be determined. After one day in operation it is obvious that keeping the chain mesh intact will be a difficult task.

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Observer(s) On Duty:
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Joe Ferris
Jane Fleetwood
Gina Gore

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/8/91 (Day) Loads: 94-96

Area Worked: Station -334 to -370 (mid-channel + red toe)

Conditions: clear, wind SW 10 k+s, seas <2', ~90° tide: L 1118 H 1733

Incidents: Turtle taken, load #94, 1142 hrs, observer finds 9" piece of fresh turtle intestine in the port lateral screen between cuts 16 + 17 of load #94. Specimen was not present earlier on the load. Small sample associated with this take may or may not be linked to the presence of the TEDs (turtle excluder devices). No conclusions as to their effectiveness should be drawn this early on.

TEDs maintained during dump runs. Chain mesh kept about 80% intact.

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Chris Slay

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/9/91 (Day) Loads: 100 - 102

Area Worked: stations -340 to -380 (red toe)

Conditions: p. cloudy, wind SW 5-10 kts, seas <2', ~89° L 1214 H 1834

Incidents: Chain mesh on TEDs breaking apart. S+bd. TED fixed and maintained at 80+ %. Only 50% of chain mesh intact on port TED. Will be repaired by tomorrow.

No incidents involving turtles.

Usual animals in the screens: shrimp crabs, benthic fish.

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Observer On Duty:
Lisa Conger

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/10-7/11 (Day/Night) Loads: 108 - 115

Area Worked: stations 340 to 380

Conditions: overcast, wind SE 5-10 kts, seas <2', tide: L 1318 L 0209 H 1932 H 0802

Incidents: No turtle incidents to report.
Lateral excursion was fixed. The chain mesh on the TED's seems to be coming loose & needs repair frequently.
All loads are clean fine sand. Blue crabs, Sea pork, ghost shrimp in lateral sweeps.

7/10	1800	TED's	functioning,	80+ %
7/11	0800	"	"	50-60 %
7/11	1800	"	"	80 %

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Observer On Duty:
C. Slay
J. Fretwell

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/11/91 (Day) Loads: 116 – 119

Area Worked: Stations -340 to -380 (red toe)

Conditions: clear, wind var. to 15 kts, seas 1-3', tide: L 1417 H 2028

Incidents: Still digging fine sand.
Observer busy tightening lateral screens and maintaing TED's which were repaired to about 90% (of chain mesh intact) early in the day, and maintained at 70-80%. Crew very willing to help when needed.

Screens staying clean, typical of side-slope digging.

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Observer On Duty:
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ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/12/91 (Day) Loads: 123 - 126

Area Worked: Stations -340 to -380 (red too)

Conditions: clear, wind w light, seas calm tide: H 0858 L 1512

Incidents: Observer worked every dump run to maintain chain mesh on TEDs - kept ~80% intact. Ship Delay 1622 - 1655 on port drag arm. TEDs on both sides repaired to 95+%. All screening looks good, too.

Sampling a few horseshoe crabs, blue crabs, flounder.

Note: Crew helpful in repairing TEDs.

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Chris Slay

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/13 - 7/14 (Day/Night) Loads: 130 - 136

Area Worked: Stations -3000 to -3800

Conditions: clear, wind S-SE ~10 kts, seas 1-3', 90° tide: H 0454 H 2213 L 1606 L 0442

Incidents: Moving on + off toe, digging fine sand and some mud/silt.

TEDs are both in good shape during this report period.

No incidents.

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Observer On Duty:
Lisa Conger

June Fleetwood

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/14/91 (Day) Loads: 137 - 140

Area Worked: stations -2950 to -3700 (Red)

Conditions: clear, wind W 5-10 kts, seas <2', 95° tide: H 1049 L 1658

Incidents: Digging mud and sand.

Observer repaired lateral screens and TEDs during dump runs. Everything looks good.

No incidents.

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Lisa Conger

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Sugar Island/NATCO
Savannah River Entrance Channel

WEEKLY SUMMARY

Dates: 7/8 - 7/14 1991 Loads: 94 - 140

Areas Worked: Stations -2950 to -3800 (mostly red toe)

Incidents: Turtle taken 7/8, load = 94, 1142 hrs. Fresh sea turtle intestine was found in lateral screen. The single piece was 9" in length. Small sample size may be linked to presence of TEDs on the dragheads. See Daily Report for 7/8.

The TEDs on the dragheads require constant attention to maintain chain-mesh which is designed to exclude turtles from the draghead. Maintaining these things when the dredge is working hard and rough or rocky bottom would be impossible. Whether the TEDs are excluding live turtles from the draghead or are reducing our sample of turtles which are still being impacted is difficult to discern.

Most dredging this week has been in fine sand and silt.

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Observer(s) On Duty:

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Lisa Conger

Jane Fleetwood

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/15/91 (Day) Loads: 145-147

Area Worked: Stations -31000 to -37000 (Red Toe)

Conditions: p. cloudy, wind light, seas <2', 78° Tide: H 1146 L 1750

Incidents: Turtle taken load #145, 0945 hrs., prob. C. caretta. Observer retrieved 42" piece of fresh sea turtle intestine from the port skimmer screen. Capillarized tissue of intestine was red with blood, veins full of color. Sample fresh, not associated with previous day's take on the Dodge Island. Stone crab shell fragments found in intestine. Sample frozen and later shown to COE and DNR biologists.

Minor repairs made to both TEDs - each functioning 95%.

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ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/16 - 7/17 (Night) Loads: 153 - 157

Area Worked: Sta 30000 to 34000 RED

Conditions: overcast + Rain, seas 2-4', wind increasing, tide: H 0052 L 0703
10+ knts

Incidents: Observer boarded while Sugar was fueling at 1400 hrs. Sugar outbound at 1530 Hrs. Digging started at 1606 Hrs. Most of catch was blue crabs sand dollars, horseshoe crabs, lots of sea cucumbers, catfish. Digging mostly silt.

At about 2230 Hrs. STBD dragarm snagged RED BUOY #10 + dug it some distance into channel. Observator hose broken + fixed.

NO turtle incidents on this watch

TEDs O.K.

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Observer On Duty:
J. Fleetwood

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/17/91 (Day) Loads: 158 - 161

Area Worked: Stations 30000 to 34000 (Red)

Conditions: t'storms, wind SE 15+ kts, seas 2-4', ~75°, tide: L 0703 H 1336

Incidents: No incidents.

Sampling lots of blue crabs. Digging sand/silt.

Observer repaired much of the lateral screening today.

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ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/18/91 (Day) Loads: 168 - 171

Area Worked: stations 30000 to 34000 (Red)

Conditions: p. cloudy, wind SE 5-10 kts, seas 1-3' tide: H 1429 L 2041

Incidents: No incidents.

Lowered the forward section of both TEDs 18" - 24", in hopes they'll dig harder and be more effective. They appear to be on the bottom by signs of wear. Lateral screens repaired

Digging sand / silt.

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ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/19 - 7/20 (Day/Night) Loads: 179 - 189

Area Worked: Stations 25000 to 30000 (Red)

Conditions: pc cloudy, wind light, seas <2', 185° tide: L 0848 L 2141 H 1520 H 0723

Incidents: No incidents - Digging silt/sand.

Observer repaired TEDs.

Usual sampling of crabs, benthic fish, etc.

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ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/20/91 (Day) Loads: 190 - 193

Area Worked: Stations 25000 to 30000

Conditions: p. cloudy, wind light, seas <2', ~90° tide: L 0941 H 1611

Incidents: No incidents. Digging sand / silt.
Observer repaired lateral screen and TEDs.
Everything is in good shape.

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ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/21/91 (Day) Loads: 201 - 204

Area Worked: stations 30000 to 35000 (Green)

Conditions: p. cloudy, wind light, seas <2', 290° tide: L 1036 H 1702

Incidents: No incidents.

Observer found screen packed to overflowing with wood debris and sand. Observer used firehose to clean screens and repaired damaged sections.

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Observer On Duty:
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ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Sugar Island/NATCO
Savannah River Entrance Channel

WEEKLY SUMMARY

Dates: 7/15 - 7/21 1991 Loads: 145 — 204

Areas Worked: Stations 25000 to 37000 (mostly red side)

Incidents: Turtle Taken, 7/15, Load #145, 0445 hrs. prob C. caretta. 42" of intestine retrieved from port skimmer. Sample fresh - definitely sea turtle. Contained fragments of stone crab shell. Later shown to COE and DNR biologists. See Daily Report 7/15 for details.

TEDs are maintained in good condition throughout the week. I lowered the forward section of them to be sure they were "digging" along the bottom. Observers also working hard to maintain lateral screening.

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ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/22 - 7/23 (Day/Night) Loads: 212 - 222

Area Worked: stations -25000 to -32500 (Green side)

Conditions: clear, wind SW to SE 5-10 kts, seas 1-3', 90's tide: L 1126 L 0020 H 1753 H 2357

Incidents: Turtle taken 7/21, Load #206, 1815 hrs, C. caretta. Informed upon boarding that crew recovered 3 large sections of a loggerhead from lateral sampling screens; included forward half (head, flippers w/large sections of carapace, plastron and viscera) and each rear quarter (each rear flipper, tail, skin, muscle, carapace fragments). I found the posterior tip of the carapace in the port skimmer screen when I came aboard, as well as several pieces of intestine in the lateral screens. Carapace length (over-curve): 24.5", width: 22.0", skull width (base): 5.25". Specimen well photo'd.

Turtle taken alive, Load #215, 1720 hrs, C. caretta Juvenile loggerhead was removed from stbd. draghead as soon as it was brought on deck. It must have been taken at or immediately before the end of the load because the carapace, skin and eyes showed almost no signs of sand-blasting. Turtle had to be inverted to prevent it from crawling overboard. Its breathing →

(cont. next page)

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Observer On Duty:
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Jane Fleetwood

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/22-7/23 (Day / Night) Loads: Cont. From previous page.

Area Worked: This area is silty and full of wood debris.

Conditions:

Incidents: → was unlabored and the turtle showed no signs of injury - it was active, all flippers worked strongly. Turtle was released at the far edge of the disposal sight after dumping. Carapace length (over-curve): 28", width 25". Note: Both TEDs were in good shape upon boarding this morning, however, stbd TED's chain mesh had developed two opening during load # 216 which may have allowed live turtle to pass through - Photos taken of TED and turtle. Parts from take on load #206 were weighed with scrap iron and sunk at this time.

Turtle taken 7/22, load # 217, 1940 hrs. C. caretta. Night shift observer found the tail, cloaca, pelvic muscle and bone, gonads and 2' of intestine (all attached as one piece) in port lateral screen - Tissue identified as loggerhead (prob. juv.), photo'd and disposed of at dump. Specimen was fresh - well veined tissues flushed with blood.

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Observer On Duty:
Slay
Fleetwood

Note: Lateral screens packed with debris 7/22, had to be cut away, cleaned with fire hose, then replaced and refastened. TEDs checked and maintained as needed, every load. Busy day.

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/23 - 7/24 (Day / Night) Loads: 223 - 227

Area Worked: stations 25000 to 31000 (Green side)

Conditions: m. clear, wind S 10 kts, seas 2' tide: L 1214 L 0105 H 1842 H 0648

Incidents: No incidents.

Digging silt, some mud. Lateral screens repaired. TEDs maintained - chain mesh 95+ % intact.

Horseshoe crabs, blue crabs primary sample -

Note: Night shift scheduled for the Dodge Island changed to Sugar Island because of recent takes and the attention that the lateral screens are needing while we're working in such a debris laden area of the channel.

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Jane Fleetwood

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/24/91 (Day) Loads: 228 - 230

Area Worked: stations 25000 to 31000 (Green side)

Conditions: m. clear, wind SW 10 kts, seas 2', tide: H 0648 L 1301

Incidents: Observer found 3 small pieces of sea turtle intestine in lateral screens. They were definitely not fresh, at least 3-4 days old, may or may not be associated with a previous dredge take.

TEDs in good condition.

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ENDANGERED SPECIES OBSERVER PROGRAM
Dredge Sugar Island/NATCO
Savannah River Entrance Channel

DAILY REPORT

Date: 7/25/91 (Day) Loads: 233-234

Area Worked: Stations 24000 to 32000 (clean up)

Conditions: Haze, wind S 10 kts, seas 2' tide: L 1344 H ~2000

Incidents: No incidents

Long cycle times - clean-up dredging.

TEDs in good condition.

NOTE: 7/26/91 Sugar Island is fueling and making repairs - No coverage.

Program Contractor:
Chris Slay
173 Virginia Ave.
Athens, GA 30601
404-543-6859

Observer On Duty:
Lisa Conger

ENDANGERED SPECIES OBSERVER PROGRAM
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DAILY REPORT

Date: 7/27/91 (Day) Loads: 242 - 244

Area Worked: Stations 26500 - 33500 and 3000 - 5000

Conditions: m.clear, wind light, seas <2', 90's, tide: H 0856 L 1505
(afternoon t'storms)

Incidents: No incidents.

Dredged moved to new area inside jetties on load 244 - Screens packed with debris; cleaned with firehose.

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Observer On Duty:
Chris Slay

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DAILY REPORT

Date: 7/28/91 (Day) Loads: 250 - 251

Area Worked: Clean-up dredging inshore (jetties) and offshore (buoy #8)

Conditions: nuclear, wind S 10 kts, seas <2' tides: H 0941 1544 L

Incidents: No incidents.

Long cycle times - clean up dredging and used only one arm during load = 251.

Program Contractor:
Chris Slay
173 Virginia Ave.
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Observer On Duty:
Charles Maley

ENDANGERED SPECIES OBSERVER PROGRAM

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WEEKLY SUMMARY

Dates: 7/22 - 7/28 1991 Loads: 212 - 251

Areas Worked: Stations 24000 - 33500 (Green) + 3000 - 5000

- Incidents: Turtle Taken, 7/21, Load # 206, 1815 hrs, C. caretta Observer informed upon boarding 7/22 that 3 large sections of a loggerhead were found on coaming against lateral sampling screens. Sections represented nearly entire turtle. Juvenile. For details see Daily Report 7/22 - 7/23

- Turtle Taken Alive, 7/22, Load # 215, 1720 hrs. C. caretta Juvenile loggerhead removed from stbd. draghead apparently unharmed. Active and strong. Swam vigorously away when released at the far edge of the disposal site (1810 hrs). See Daily Report 7/22-7/23.

- Turtle Taken, 7/22, Load # 216, 1940 hrs, C. caretta. Observer found tail, cloaca, pelvis and viscera of turtle in port lateral screen. Specimen Fresh. See Daily Report 7/22-7/23 for details.

For details on TEDs see Daily Reports.

Observers worked hard this week maintaining lateral screens and TEDs.

7/26 - Fuel Day

Program Contractor:
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Observer(s) On Duty:
Chris Slay
Jane Fleetwood
Lisa Conger