ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 3 / 7 / 93 Loads: 01

Area Worked: Stations 195+00 - 150+00

Conditions: Partly cloudy, winds variable 5-20 kts seas calm
Water temp 56° to 3

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

Comments: Dredge is equipped with 100% inflow and overflow screening. Dredge has two overflow lateral skimmers, one overboard discharge basket on the port side, and three lander openings. All openings screened with 4"x4" mesh.

TED was in good shape but taken off at 1920. Will be put back on if turtle is taken, COE option.

Most of the day pumping material straight into discharge basket and not into hopper. Basket and drag check constantly. At 2245 started load one into hopper. Aerial survey flight was cancelled due to ship not planning to put material into hopper till next day. Slow bell observed tonight.

Bridge Watch Summary

Species	No. of animals	Comments
TT	2	Bottlenose dolphins

Observer(s) On Duty: ERIC Westerman, Jennifer Gatzke

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993
DACW21-93-C-0025

DAILY REPORT

Date: 2 / 8 / 93 Loads: 02-08

Area Worked: Stations 195+00 - 150+00

Conditions: Partly cloudy, winds variable 5-20kts seas 1'-3' water temp 56°

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

Comments: Aerial survey reports no sightings.

Material digging sand. Biological sample small in quantity. Samples include horseshoe crabs, spider crabs, speckled crabs, pen shell, whelks, oyster shell, sand dollar, blue crabs.

Humpback sighted at 1756 and 1758 by observer westerman. Whale sighted 100 yards outside the channel near buoy 2A. Whale swimming west towards the channel entrance. Whale surfaced twice, sighted blow at 1756 and 1758 sighted dorsal fin and lower torso of juvenile sized Humpback. Ship was on the way to dump, on return sun had gone down and no whale sighted again.

Bridge Watch Summary

Species	No. of animals	Comments
MN	1	Humpback whale 31° 04' 06" 81° 16' 00"
TT	2 (CN3)	Bottlenose dolphins, c.n conditional duplicate

Observer(s) On Duty: ERIC Westerman, Jennifer Gatzke

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993
DACW21-93-C-0025

DAILY REPORT

Date: 3 / 9 / 93 Loads: 09-18

Area Worked: stations 195+00 - 156+00

Conditions: mostly clear, winds calm to 20KTS seas 1'-3' water temp 60°

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

Comments: Aerial survey reports no Right whale sightings.

observer Gatzke sight juvenile Humpback whale at 1130 between buoys 1A and 7A. whale sighted again at 1400 in the same vicinty with dolphins associating with it.

All screens in good shape and holding up well.

Bridge Watch Summary

Species	No. of animals	Comments
MN	1	Humpback whale
TT	7 (adt)	Bottlenose dolphins

Observer(s) On Duty: ERIC Westerman Jennifer Gatzke

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 3 / 10 / 93 Loads: 19-26

Area Worked: stations 195 +00 - 150 +00

Conditions: clear, winds variable 5-20kts, seas 1'-3'
water temp 58°

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

Comments: Aerial survey reports no Right whale sightings and one juvenile Humpback sighting. Dredge Ouachita reports sighting one juvenile Humpback and one adult Humpback. crew boat captain reports seeing one juvenile Humpback between buoys 1A and 2A. observer prince from Atchafalaya sights one Humpback in the morning around buoy 2A.

All screens intact and in good working condition.

Material dipping sand.

Bridge Watch Summary

Species	No. of animals	Comments
MN	1	From Atchafalaya

Observer(s) On Duty: ERIC Westerman, S Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993
DACW21-93-C-0025

DAILY REPORT

Date: 3 / 11 / 93 Loads: 27-34

Area Worked: stations 195+00 - 150+00

Conditions: mostly clear, winds variable 5-20Kts seas 0-3 water temp 57°

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

Comments: Aerial survey report: no sightings.

Observer Prince sights Right whale at 13:40 approximately 100 yards S.W. of buoy 1A. Whale continually sighted till 14:10 when dredge moved inbound to cut area. Positive identification of adult Right whale and observer 75% sure of calf with adult. Sighted heavy growth of callosities on head. DUR phoned and notified of sighting. Heading out from next load observer thought she may have sighted whale again half mile from beat on the way to the dump. Ouachita reported Right whale and calf pair heading north by buoy 2A.

Bridge Watch Summary

Species	No. of animals	Comments
EG	1 or 2	Right whale, possible calf.
TT	12 (ad 14)	Bottlenose dolphins

Observer(s) On Duty: ERIC Westerman, S Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 3 / 12 / 93 Loads: 35-41

Area Worked: stations 195+00 - 150+00

Conditions: cloudy, winds [illegible] 15kts seas 2'-3' water temp 57°

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

Comments: Aerial survey reports no right whale sightings

All screens intacted and in good working order.

Biological sample small in quanity, mainly consisting of Horseshoe crabs spider crabs penshell, oyster shell.

material digging sand

Bridge Watch Summary

Species	No. of animals	Comments
TT	4	Bottlenose dolphins

Observer(s) On Duty: ERIC Westerman, S Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993
DACW21-93-C-0025

DAILY REPORT

Date: 3 / 13 / 93 Loads: N/A

Area Worked: N/A

Conditions: Raining, winds up to 60kt, seas 8-12

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

Comments: Ship at anchor due to weather.
observer westerman aboard ship.

No Aerial survey due to weather.

Bridge Watch Summary

Species	No. of animals	Comments

Observer(s) On Duty: ERIC Westerman, S Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ~~MERMENTAU~~ Atchafalaya
Brunswick Harbor Entrance Channel
January 1993 - March 1993
DACW21-93-C-0025

WEEKLY SUMMARY

Dates: 3/7/93 - 3/13/93 Loads: 01-41

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

Comments: Ship arrived well equipped with 100% inflow and overflow screening. Screening 4"x4" mesh and is holding up well. TED was in good shape but taken off at 1920 on 3-7-93. Will be put back on if turtle is taken, COE option.

Biological samples small in quantity. Samples include Horseshoe crabs, speckled crabs, Blue crabs, Pen shell whelks, oyster shell, sand dollar, sea pork, spider crabs.

Aerial survey flew five of the seven days. No Right whales were sighted. On the first day 3-7-93 aerial survey was cancelled due to ship not planning to put material into the hopper and go to the dump. Ship started loading material into the hopper at 2245, slowbell observed. On 3-13-93 no survey was flown due to weather, ship was at anchor due to weather.

Bridge watch summary, on 3-11-93 observer sights Right whale from bridge. Ship observed slowbell that night. Three Humpback whales were also observed from the bridge this week. No turtles have been sighted this week.

Bridge Watch Summary

Species	No. of animals	Comments
Eg	1 or 2	Right whales, possible calf
MN	3	Humpback whales
TT	27 (cd 31)	Bottlenose dolphins, cd conditional duplicate low 27 high 31

Observers On Duty:

Eric Westerman
Jennifer Gatzke
S Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993
DACW21-93-C-0025

DAILY REPORT

Date: 3 / 14 / 93 Loads: 42 - 47

Area Worked: Stations 200+00 - 150+00

Conditions: clear, winds w 20-30 kts, seas 1'-3' water temp 54°

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

Comments: Aerial survey reports no sightings.

All screening intact and in good shape.

Biological sample: mussels, whelks, spider crabs, Horseshoe crabs, oyster shell, fan shell.

Bridge Watch Summary

Species	No. of animals	Comments
TT	1	Bottlenose dolphin

Observer(s) On Duty: ERIC Westerman S Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993
DACW21-93-C-0025

DAILY REPORT

Date: 3 / 15 / 93 Loads: 48 - 55

Area Worked: Stations 200+00 - 150+00

Conditions: Mostly clear, winds variable 10-25 kts seas 1'-4'
water temp 54°

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

Comments: Aerial survey reports no sightings.

All screens intact and in good shape.

Bridge Watch Summary

Species	No. of animals	Comments
TT	2	Bottlenose dolphins

Observer(s) On Duty: ERIC Westerman, S Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993
DACW21-93-C-0025

DAILY REPORT

Date: 3 / 16 / 93 Loads: 56-62

Area Worked: Stations 200+00 - 150+00

Conditions: Overcast, wind calm to NE 5-20 kts seas 1'-4'
Water temp 53°

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

Comments: Aerial survey reports no sightings.

All screens intact and working fine.

Bridge Watch Summary

Species	No. of animals	Comments

Observer(s) On Duty: ERIC Westerman, S. Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993
DACW21-93-C-0025

DAILY REPORT

Date: 3 / 17 / 93 Loads: 63-70

Area Worked: stations 200+00 - 150+00

Conditions: Overcast, Fog, Rain, winds variable 5-20Kts seas 2'4' water temp 53°

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

Comments: NO Aerial survey today due to weather, heavy fog. Slowbell observed at night.

Bridge Watch Summary

Species	No. of animals	Comments

Observer(s) On Duty: ERIC Westerman, S Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993
DACW21-93-C-0025

DAILY REPORT

Date: 3 / 18 / 93 Loads: 71 → 74

Area Worked: STA -200 TOO → -150 TOO

Conditions: CLOUDY, W = NE 18-35 kts, SEAS 3'-7', Temp: Air = 53°-56° H2O = 54°

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

Comments: SURVEY PLANE REPORTED NO SIGHTINGS

SCREENING & CATCHMENT EQUIPMENT ALL IN GOOD SHAPE.

* 15:30 → DREDGED IS FORCED TO ANCHOR OFF SHORE DUE TO HIGH WINDS & ROUGH SEAS.

BIOLOGICAL MATERIAL FOUND IN LANDING & DISCHARGE SCREENING INCLUDES: SPIDER CRABS (4) HORSESHOE CRABS (6), SEA SNAKE, WHELK, PEN, OYSTER SHELLS, OTHER BIVALVES, WHELK EGG CASE, HOLLOW WEEDS & SEA WHIPS.

Bridge Watch Summary

Species	No. of animals	Comments
TT	3	BOTTLENOSE DOLPHINS IN CHANNEL.

Observer(s) On Duty: SYDNEY PRINCE, ERIC WESTERMAN

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 3 / 19 / 93 Loads: NA

Area Worked: NA

Conditions: NA

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

Comments: ship at anchor due to weather.

Bridge Watch Summary

Species	No. of animals	Comments

Observer(s) On Duty: ERIC Westerman, Sydney Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 3 / 20 / 93 Loads: NA

Area Worked: NA

Conditions: NA

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

Comments: ship at anchor due to weather.

Bridge Watch Summary

Species	No. of animals	Comments

Observer(s) On Duty: ERIC Westerman, Sydney Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993
DACW21-93-C-0025

WEEKLY SUMMARY

Dates: 3/14/93 - 3/20/93 Loads: 42 - 74

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

Comments: Aerial survey plane flew four of the seven days this week. NO Right whales were sighted on the surveys. On 3-17-93 no survey was flown due to heavy fog, slowbell was observed that night. On 3-19-93 and 3-20-93 no survey was flown, ship was at anchor due to weather.

All screening intact and in good shape. Biological samples caught in screening mainly Horseshoe crabs spider crabs, Blue crabs, whelks, Pen shell, oyster shell sea whips.

Water temperature fluctuates between 53° and 54° due to weather ship at anchor 3-19-93 and 3-20-93.

Bridge Watch Summary

Species	No. of animals	Comments
TT	6	Bottlenose dolphins

Observers On Duty:
ERL Westerman
Sydney Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993
DACW21-93-C-0025

DAILY REPORT

Date: 3 / 21 / 93 Loads: 75 - 80

Area Worked: stations 205+00 - 150+00

Conditions: mostly cloudy, winds NE 8-15 kts seas 3'-4' water temp 53°

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

Comments: Aerial survey reports no sightings.

All screening intact and in good shape

Bridge Watch Summary

Species	No. of animals	Comments

Observer(s) On Duty: ERIC Westerman, Sydney Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 3 / 22 / 93 Loads: 81-89

Area Worked: Stations 205 TOI - 150 TOI

Conditions: mostly cloudy, winds variable 3-16 kts seas 2'-4' water temp 53°

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

Comments: Aerial survey reports no Right whale sightings, two loggerhead turtles sighted off shore.

Biological samples small in quantity. samples found mainly in aft discharge lander box. samples include Horseshoe crabs, Blue crabs, spider crabs sea cucumbers, EELs, moon snail, Hollow weed, cannonball sponge, oyster shell, pen shell, whelk egg case, sea whips.

Bridge Watch Summary

Species	No. of animals	Comments
TT	2	Bottle nose dolphins

Observer(s) On Duty: ERIC Westerman, sydney Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993
DACW21-93-0025

DAILY REPORT

Date: 3 / 23 / 93 Loads: 90 - 98

Area Worked: stations 205+00 - 150+00

Conditions: Rain, winds variable 3-12 Kts seas 2' water temp 59°

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

Comments: NO Aerial survey today due to weather, rain, thunderstorms. slowbell observed at night.

Dredge Mermentau arrives today to help finish job.

Bridge Watch Summary

Species	No. of animals	Comments

Observer(s) On Duty: ERIC Westerman, sydney Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-0025

DAILY REPORT

Date: 3 / 24 / 93 Loads: 99-105

Area Worked: Stations 205+00 - 150+00

Conditions: Partly cloudy, winds variable 3-12 kts seas <2 water temp 54°

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

Comments: Aerial survey reports no Right whale sightings.

Dredge Mermentau in port for a week for repairs.

All screening intact and in good working condition. Samples caught in screening mainly, Horseshoe crabs, Blue crabs, spider crabs, adults sea cucumbers, Pen shell, oyster shell.

Bridge Watch Summary

Species	No. of animals	Comments

Observer(s) On Duty: Eric Westerman, Sydney Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 03 / 25 / 93 Loads: 106 - 113

Area Worked: STA. -205+00 → -150+00

Conditions: overcast w/showers; wind N-ly 0-10 kts; seas 1'; H_2O 54°

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

Comments: All screening intact and in good working condition. Very light biological sample including: blue crabs, horseshoe crabs, eels, whelks, shells, sea cucumbers.
No right whale sightings by aerial survey.
No incidents or sightings of any endangered species.

Bridge Watch Summary

Species	No. of animals	Comments
Tt	13-15	Seen in cut & on way to dumpsite

Observer(s) On Duty: E. Westerman, L. Conger, P. Olson

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 03 / 26 / 93 Loads: 113-120

Area Worked: STA. $-250^{+00} \rightarrow -150^{+00}$

Conditions: fog + rain, N-ly 5-15 kts, sea 1, air 60°, H_2O 56-58°

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

Comments: No aerial survey today due to weather (fog + rain), slowbell observed at night.

Dredge Mermentau resumed operation this evening.

All screening intact and in good working condition. Biological sample light including: horseshoe crabs (10), blue crabs (9), sea cucumber (1), parchment worm casings (10-12), small amount of shells, veg. debris.

No incidents or sightings of endangered species.

Bridge Watch Summary

Species	No. of animals	Comments

Observer(s) On Duty: Paula Olson, Lisa Conger

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 3 / 27 / 93 Loads: 121 127

Area Worked: STA. -205+00 → -150+00 Red

Conditions: Dense fog early AM, clear by sunrise; wind W-ly 10-25 Kts; air 60°s; sea 1-2; H_2O 59°

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

Comments: No right whale sightings, 1 loggerhead turtle sighted offshore by aerial survey.

All screening intact and in good working condition.

Biological sample very light, including: eels (2), horseshoe crabs (3), parchment worms (4), eggcase, shells, whelk, sand dollars, red worms.

Load #122 sample contained VERY OLD piece of turtle carapace; observer reports no chance animal could have been killed recently.

Bridge Watch Summary

Species	No. of animals	Comments

Observer(s) On Duty: Paula Olson Lisa Conger

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0015

WEEKLY SUMMARY

Dates: 3/21/93 - 3/27/93 Loads: 75-127

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

Comments: Aerial survey conducted five of seven days this week. No right whales were sighted on the surveys. On 3.23.93 no survey was flown due to thunderstorms, on 3.26.93 no survey was flown due to fog. Slowhell was observed those nights.

All screening intact and in good working condition. Dredge digging clean sand; very little trash or vegetation taken. Biological sampling is also very light, consisting primarily of horseshoe crabs, blue crabs, eels, parchment worms, sea cucumbers, egg cases, whelks, spider crabs, shells.

Water temp. rising through the week from 53° → 59°.

Observer change on 3.25.93. OLSON + CONGER replace E. WESTERMAN + PRINCE.

Dredge Mermentau arrived 3.23.93 to help finish job, but in port 3.24 & 3.25.93 for repairs and resuming operation 3.26.93.

Bridge Watch Summary

Species	No. of animals	Comments
Tt	15-17	(Bottlenose Dolphins) Observed 3.22 & 3.25.93

Observers On Duty:

Paula Olson
Lisa Conger
Eric Westerman
Sydney Prince

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW 21-93-C-0015

DAILY REPORT

Date: 03 / 28 / 93 Loads: 128-130

Area Worked: -160+00 → -150+00 Red

Conditions: Clear; light winds; seas 1; air 60°F; H2O 59°

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

Comments: Aerial survey reports no right whale sightings.

At dock 0930-1400 for fueling. 1445-2100 dredge anchored off St. Simons pier while repairs to hydralic lines, pump and main breaker performed.

Biological sample very light: horseshoe crabs (3), cutlass fish (1), shells.

Bridge Watch Summary

Species	No. of animals	Comments
TT	2	Near buoy #6 - seen on way to dump

Observer(s) On Duty: Olson, Conger

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0035

DAILY REPORT

Date: 3 / 29 / 93 Loads: 131-138

Area Worked: STA. -160+00 → -150+00 Red & 200+00 → 190+00 Red

Conditions: Clear; winds E/N/W 5-10 Kts; sea 1-2 air 60°s + 70°s; H_2O 65°

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

Comments: Aerial survey sighted M/c right whales 10+ miles south of dumpsite. No whales sighted from dredges before nightfall, therefore no slowbell observed at night. Aerial survey also reports numerous loggerhead sightings.

Minor screening repairs needed in hole of port discharge box and mid lander. Repairs (welding) to be conducted tomorrow in daylight.

Biological sample included: horseshoe crabs (14), blue crabs (1), cutlassfish (2), parchment worm (4), whelks (7), sea cucumbers (9), worms (3), & shells.

Bridge Watch Summary

Species	No. of animals	Comments
Tt	17-19	4 Tt seen at dumpsite, 3 Tt seen near dig site, 10-12 seen repeatedly in transit to dump

Observer(s) On Duty: P. Olson, L. Conger

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0015

DAILY REPORT

Date: 3 / 30 / 93 Loads: 139 - 144

Area Worked: STA. -190+00 ▷ -200+00 & -150+00 ▷ -160+00 Red

Conditions: clear; winds SW ~10 kts; seas 1-2; air 60°s & 70°s; H_2O 63°

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

Comments: Aerial survey reports N/C right whales 5 miles north of the work area. Slow bell observed at night.

Notable increase in amount of cannonball jellyfish seen in the water. Biological sample included: horseshoe crabs (4), blue crabs (2), sea cucumbers (2), cutlassfish (5), eel, parchment worms, cannonball jellyfish (2), whelks.

Minor repairs to lander screening; otherwise in good working condition

Bridge Watch Summary

Species	No. of animals	Comments
T7	20-30	Seen around dig site & transit to dump.

Observer(s) On Duty: OLSON, CONLER

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0005

DAILY REPORT

Date: 3 / 31 / 93 Loads: 145 – 149

Area Worked: STA. -205+00 → -190+00 ; -160+00 → -150+00 Red

Conditions: overcast → fog w/rain, winds SW 10-15 gusting 30 kts, seas 1-4, air 65° H2O 63°

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

Comments: The aerial survey plane had no sightings of right whales today. This was the final day for aerial surveys in the Brunswick channel area for this 1992-1993 season.

Biological sample continues to be very light.

The dredge goes to dock ~1730 to repair damaged propeller.

Bridge Watch Summary

Species	No. of animals	Comments
Tt	15-20	seen mostly around dig site

Observer(s) On Duty: L. Conger, P. Olson

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 4 / 1 / 93 Loads: NA

Area Worked: NA

Conditions: Clear, winds S 10-25 Kts, seas 2-3, air 72°

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

Comments: Dredge at city dock in Brunswick.

Observers on standby.

Bridge Watch Summary

Species	No. of animals	Comments

Observer(s) On Duty: L. Conger, P. Olson

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 4 / 2 / 93 Loads: 150-152

Area Worked: STA. -150+00 → -160+00 Red; -160+00 → -215+00; overdepth

Conditions: clear; wind WNW 15-25 kts; air 50°-60°; H_2O 63°

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

Comments: Dredge left dock at 1310 hours. (Observer aboard.)

Trawler GEORGIA BULLDOG reports finding no turtles today.

All screening intact and in good working condition. Significant increase in vegetative debris taken when dreding overdepth. Biological sample light, including: large toadfish, horseshoe crabs (7), small unid. fish (4), sea cukes, worms, whelks.

Bridge Watch Summary

Species	No. of animals	Comments
Tt	8-12	following trawler GEORGIA BULLDOG

Observer(s) On Duty: P. Olson, L. Conger

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 4 / 3 / 93 Loads: 153 - 159

Area Worked: STA. -150+00 → -215+00 Red & overdepth

Conditions: clear, clouding over in PM; wind W→N 5-20kts; sea 1-3; air 50°'s; H_2O 64°

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

Comments: 1050 hrs. trawler GEORGIA BULLDOG reported one loggerhead taken further out in channel than is currently being dredged.

All screening intact and in good working condition. Overflow screening retained large toadfish thrown into hopper for several loads — it is probable that large turtle parts discharged into hopper would be retained in these screens.

Noticable increase in biological sample and trash, including: horseshoe crabs, spider crabs, parch. worms, sea cukes, egg casings, jellyfish, small fish, vegetative debris.

Bridge Watch Summary

Species	No. of animals	Comments
Tt	7	(Bottlenose dolphins) seen in cut area

Observer(s) On Duty: P. Olson, L. Conger

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0005

WEEKLY SUMMARY

Dates: 3/28/93 - 4/3/93 Loads: 128-159

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

Comments: Aerial survey conducted four of seven days this week; 3/31 being the final day of aerial survey for the Brunswick Channel area for 1993 season. On 3/29 mother/calf right whales sighted by aerial survey 10+ miles south of dumpsite. On 3/30 same whales sighted by survey five miles north of work area. Slowbell observed that night.

GEORGIA BULLDOG trawling on 4/1 — 4/3, reporting one loggerhead taken on 4/3 further out in channel than work area.

All screening intact and in good working condition. Minor repairs conducted by ship's welder on 3/30. Dredge continuing to dig clean sand, often hard packed. Noticable increase in biological sample, especially vegetative debris, when digging overdepth. Sample included: horseshoe crabs, spider crabs, blue crabs, worms, sea cucumbers, cutlass fish, whelks, shells. Water temp. 59° → 65°

Bridge Watch Summary

Species	No. of animals	Comments
It	20-30	(Bottlenose dolphins) seen every day (except 4/1) in dig area & on way to dump site.

*3/28-At dock 0930-1400 for fueling, 1445-2100 anchored off St. Simons pier while repairs to hydralic lines, pump, & main breaker performed.
3/31-1730 dredge goes to dock to repair damaged propeller.
4/1-At dock. Observers on standby.
4/2-1310 dredge leaves dock (observer aboard).

Observers On Duty:
Paula Olson
Lisa Conger

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 4 / 4 / 93 Loads: 160-167

Area Worked: STA. -205+00 - -150+00 Red & clean up

Conditions: cloudy; wind N-ly 5-10 KTS; sea 1-2; air 62°; Hyo 64°

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

Comments: Change to Daylight Savings Time: 2300 on 4/3 became 0000 on 4/4.

Trawler MARY ANN reports no turtles taken from channel.

Screening intact & in good working condition. Biological sample continues to be heavier than before, although still relatively light: horseshoe crabs, spider crab, small fish, parch. worms, sea cucumbers, egg casings, whelks, eels & vegetative debris.

Bridge Watch Summary

Species	No. of animals	Comments
JT	10-12	Near dig area

Observer(s) On Duty: P. Olson, L. Conger

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 4 / 5 / 93 Loads: 168-174

Area Worked: STA. -215+00 → -150+00 Red & clean up

Conditions: Rain then clearing to p. cloudy; wind variable 5-15 kts; sea 2-3; air 60's; H2O 63°

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

Comments: 1620 hrs: Trawler MARY ANN reported catching one loggerhead measuring 55 cm. (presumedly over-curve measurement). Turtle released in Jekyll Island Sound.

All screening intact & in good working condition. Biological sample continues to be same as in previous days, including: horseshoe crabs, spider crabs, ray, cutlass fish, eels, sea cucumbers, parch worms, whelks, shells, wood, veg. debris, + trash.

Bridge Watch Summary

Species	No. of animals	Comments
Tt	17-19	5 seen around dig site 12-14 seen to & from dump site

Observer(s) On Duty: P. Olson, L. Conger

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0085

DAILY REPORT

Date: 4 / 6 / 93 Loads: 175-182

Area Worked: STA. -215+00 → -150+00 Red

Conditions: overcast; wind N-ly 5-15 kts; sea 2-3; air 50°'s; Hy 063°

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

Comments: Trawler MARY ANN working in channel - no report of any turtles caught.

Screening intact and in good working condition. Much vegetative debris retained in screens. Biological sample included: horseshoe crabs (19), spotted crab, blue crabs (2), sea cucumbers, parchment worms, whelks & egg casings, herring (2), eels, and shells. Plastic line & trash also retained.

Bridge Watch Summary

Species	No. of animals	Comments

Observer(s) On Duty: P. Olson, L. Conger

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 4 / 7 / 93 Loads: 183-187

Area Worked: STA. -215+00 → -150+00 Red/clean up

Conditions: cloudy → clearing; wind N-ly 10-15 kts, sea state 3', air 50°'s, H_2O 63°

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

Comments: Trawler MARY ANN working in channel - no report of any turtles caught.

Screening beginning to wear in places, but still in good working condition.

Biological sample rather light, excepting vegetative debris, which was heavy. Fauna sample included: Whelks & egg casings, parchment worms, horseshoe crabs, jellyfish & sea cucumbers. Lots of trash.

1140-1745 Dredge at anchor off St. Simons pier to repair dragarm wire.

Bridge Watch Summary

Species	No. of animals	Comments

Observer(s) On Duty: P. Olson, C. Slay

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0025

DAILY REPORT

Date: 4 / 8 / 93 Loads: 158

Area Worked: STA. -215+00 → -150+00 Red

Conditions: clear; wind N ~ 10 kts; sea 2'; air 58°; H_2O 63°

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

Comments: With load 158, Atchafalaya has finished Brunswick Channel job. Vermontau will finish later this day.

Sample same as previous loads; no turtles or turtle parts.

Bridge Watch Summary

Species	No. of animals	Comments

Observer(s) On Duty: P. Olson

ENDANGERED SPECIES OBSERVER PROGRAM
DREDGE ATCHAFALAYA
Brunswick Harbor Entrance Channel
January 1993 - March 1993

DACW21-93-C-0035

WEEKLY SUMMARY

Dates: 4/4/93 - 4/8/93 Loads: 160 - 188

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

Comments: On 4/8, 0435 after dumping load #188, Atchafalaya has finished Brunswick Channel job & heads for dock. H2O 63°

Trawler MARY ANN working in channel 4/4 → 4/7. Loggerhead caught on 4/5; released in Jekyll Island Sound.

Screening beginning to show signs of weakening in places by 4/7, but still in good working condition. Dredge continued to dig clean sand. Trash & much vegetative debris retained in screens this week, in addition to the following fauna: horseshoe crabs, spider crabs, blue crabs, spotted crabs, parchment worms, sea cucumbers, whelks & egg casings, jellyfish, shells.

On 4/7, 1140 → 1745 dredge at anchor off St. Simons pier to repair dragarm wire.
Change to Daylight Savings Time this week: 2300 on 4/3 became 0000 on 4/4.

Bridge Watch Summary

Species	No. of animals	Comments
Tt	17-19	(Bottlenose dolphins) observed 4/4 & 4/5; around dig site & transiting to + from dump.

Observers On Duty:
Paula Olson
Lisa Conger
Chris Slay