ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12/6/95 Loads: 2-4 Bridge Watch: Start Time 0900 End 1736

Area(s) Worked: G"17" TO BETWEEN G"21" & R"20" (STATIONS 79 - 135)

Weather: Beau. Sea State 2 Wind Dir. NE-E Wind Speed 8-6 Cloud Cover(%) 90

H_2O Surface Temp. 59 Air Temp. _____(H) _____(L) Celsius _____ Farenheit ✓

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

Species Observed _____ # of Animals _____

Comments: _____

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	1	0915	BETWEEN G"5" & DUMPSITE
" "	5	0941	NEAR G"7"
" "	2	0947	B/W G"7" & G"9"
" "	2	1004	NEAR G"17", APPROACHED DREDGE W/IN 100m
" "	5	1108	AT END OF NORTH JETTY / BREAKWATER

Comments or Incidents of Concern? NO WHALES SEEN.

" "	2	1205	NEAR R"14", APPROACHED DREDGE W/IN 100m
" "	1	1209	NEAR R"12"
" "	4	1230	NEAR G"3"
" "	4	1234	AT DUMPSITE
" "	5	1308	B/W R"14" & G"15"
" "	3	1314	NEAR G"15"
" "	2	1553	NEAR G"17" APPROACHED DREDGE W/IN 70m

* CONTINUED ON ADDITIONAL COMMENT SHEET (see atttached page)

Observer(s) On Duty: T. COLE

ADDITIONAL COMMENTS

(Attach to reporting forms as necessary)

Dredge DODGE ISLAND

Project SAVANNAH RIVER ENTRANCE

Date: 17 / 6 / 95

BOTTLENOSE DOLPHIN		3	1556	NEAR G "15"
"	"	1	1559	NEAR G "13" APPROACHED DREDGE w/in 10'
"	"	1	1615	BETWEEN G "9" & G "7", APPRCH DREDGE.

OBSERVER BOARDED DREDGE AT 0830.

CALIFORNIA DRAGHEADS w/ RIGID TEDS IN PLACE

LATERAL SCREENING STILL INTACT, & SCREENING ON SKIMMERS.

TURTLE BOXES HAVE DOORS OPEN DURING INFLOW! (NO SCREENING REQUIRED BY CONTRACT).

RIGHT WHALE IDENTIFICATION INFORMATION POSTED ON BRIDGE & IN GALLEY WHALE REFERENCE BOOLLET PLACED ON BRIDGE.

DREDGING OPERATIONS BEGAN AT 0211 HRS TODAY.

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12 / 7 / 95 Loads: 8 - 10 Bridge Watch: Start Time 0645 End 1720

Area(s) Worked: G"17" TO B/W R"20" & G"21" (STATIONS 75 - 135)

Weather: Beau. Sea State 2-5 Wind Dir. SW - N Wind Speed 8 - 18 Cloud Cover(%) 90 - 100

H_2O Surface Temp. 58 Air Temp. _____(H) _____(L) Celsius _____ Farenheit ✓

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

Species Observed _____ # of Animals _____

Comments: _____

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	4	0655	NEAR BOUY R"18" APPROACHED DREDGE
" "	2	0657	NEAR G"15" APPROACHED DREDGE
" "	4	0703	NEAR G"13" APPROACHED DREDGE
" "	5	0807	NEAR R"8"
" "	2	0820	NEAR R"14"

Comments or Incidents of Concern?

" "	5	0832	B/W G"17" & R"20"
" "	2	1036	NEAR R"20"
" "	1	1055	NEAR R"14"
" "	1	1342	B/W G"17" & R"20"
" "	3	1433	B/W R"20" & G"21"
" "	7	1442	AT END OF NORTH BREAKWATER
" "	2	1714	NEAR END OF N. BREAKWATER - APPROACHED.

8 MERCHANT SHIPS & 7 SHRIMPBOATS SEEN IN OR @ CHANNEL (see atttached page)

Observer(s) On Duty: T. COVE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12 / 8 / 95 Loads: 14 - 16 Bridge Watch: Start Time 0700 End 1720

Area(s) Worked: G "17" TO B/W R "20" & G "21"

Weather: Beau. Sea State 5 Wind Dir. NE-NNE Wind Speed 20-18 Cloud Cover(%) 100 - 95

H_2O Surface Temp. 57.8 Air Temp. 50 (H) 45 (L) Celsius _____ Farenheit ✓

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

Species Observed _____ # of Animals _____

Comments: _____

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	2	1052	NEAR R-"20"
" "	1	1053	" "
" "	1	1105	AT END of SOUTH BREAKWATER
" "	4	1125	NEAR G "15"
" "	1	1117	NEAR R"18"

Comments or Incidents of Concern?

" "	1	1238	NEAR G-"11"
" "	4	1300	AT END of NORTH BREAKWATER
" "	5	1500	" " " "
" "	8	1541	B/W G"5" & G"3"
" "	4	1610	" " "
" "	2	1650	NEAR R"20" APPROACHED DREDGE w/in 50m

5 MERCHANT SHIPS & 3 SHRIMPBOATS IN & @ CHANNEL TODAY (see atttached page)

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12 / 9 / 95 Loads: 20 & 21 Bridge Watch: Start Time 0655 End 1720

Area(s) Worked: G"17" TO B/W R"20" & G"21" (STATIONS -75 TO -135)

Weather: Beau. Sea State 2-3 Wind Dir. NW Wind Speed 5-12 Cloud Cover(%) 100

H_2O Surface Temp. 56.7 Air Temp. 51 (H) ____ (L) Celsius ____ Farenheit ✓

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

Species Observed ____ # of Animals ____

Comments: ____

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

Species Observed ____ # of Animals ____

Comments: ____

Sighting # 3 . Time — Vessel Location (lat/long) ____ X ____

Species Observed ____ # of Animals ____

Comments: ____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	5	0930	NEAR G"17"
" "	2	0936	NEAR G"15"
" "	2	1101	NEAR G"15"
" "	1	1118	AT END OF NORTH BREAKWATER
" "	5	1419	" " " "

Comments or Incidents of Concern? ____

" "	1	1425	NEAR R"14"
" "	12	1437	BETWEEN G"9" & G"7"
" "	5	1445	900 METERS WSW G"5"
" "	7	1520	900 M SW G"5"
" "	1	1546	AT END OF SOUTH BREAKWATER
" "	5	1556	AT " " NORTH " "

~~[illegible]~~ ★ SEE ADDITIONAL COMMENT SHEET (see atttached page)

Observer(s) On Duty: T COLE

ADDITIONAL COMMENTS

(Attach to reporting forms as necessary)

Dredge DODGE ISLAND

Project SAVANNAH RIVER ENTRANCE

Date: 12 / 9 / 95

3 MERCHANT SHIPS, 8 SHRIMPBOATS & 1 TUG & BARGE SEEN TODAY.

CONTACTED AN INBOUND U.S. COAST GUARD CUTTER FOR RIGHT WHALE SIGHTINGS - THEY REPORTED NONE SEEN.

STARFISH & HORSESHOE CRABS COVERED 3% - 10% OF SKIMMER SCREENS. SKIMMER SCREENS REMOVED BY CREW AFTER LOAD #21.

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

WEEKLY SUMMARY

Dates: 12 / 6 / 95 - 12 / 9 / 95 Range of H_2O Surface Temperature: 59.0 - 56.7 °F

Area(s) Worked: 6°17" TO BETWEEN 8°30' & 6°21" (STATIONS -75+00 TO -135+00)

Were there large whale species sighted within 0.25 nautical mile of the dredge (list date, time, sighting #)?

NO WHALES SIGHTED

Summary of All Cetacean Sightings

Date	Time	Species	Comments (TOTAL # SIGHTINGS (TOTAL # ANIMALS))
12 / 6 / 95		BOTTLENOSE DOLPHIN	15 (41)
12 / 7 / 95		" "	12 (38)
12 / 8 / 95		" "	11 (33)
12 / 9 / 95		" "	11 (46)
/ /			
/ /			
/ /			TOTALS 49 (158)
/ /			
/ /			
/ /			
/ /			
/ /			
/ /			
/ /			

Comments: SEE DAILY REPORTS FOR CETACEAN SIGHTING DETAILS & OTHER COMMENTS

Observers On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12 / 10 / 95 Loads: 25 & 26 Bridge Watch: Start Time 0715 End 1725

Area(s) Worked: G "17" TO B/W R "20" & G "21" (STATIONS -75+00 TO 135+00)

Weather: Beau. Sea State 4-2 Wind Dir. NW Wind Speed 15-8 Cloud Cover(%) 10-0

H_2O Surface Temp. 56 Air Temp. 45 (H) 35 (L) Celsius _____ Farenheit ✓

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

Species Observed _____ # of Animals _____

Comments: _____

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	2	1302	AT END OF NORTH BREAKWATER
" "	1	1305	NEAR END OF SOUTH BREAKWATER - APPROACHED DREDGE w/in 100'
" "	9	1518	AT END OF N. BREAKWATER
" "	1	1541	NEAR R "10"
" "	10	1604	NEAR DUMPSITE

Comments or Incidents of Concern? _____

" "	5	1700	AT END OF N. BREAKWATER.
" "	1	1706	NEAR R "20"
" "	2	1710	NEAR END OF N. BREAKWATER
" "	2	1710	" " " "

8 MERCHANT SHIPS & 4 SHRIMPBOATS SEEN TODAY.

OFFSHORE WHALE SIGHTING CONDITIONS INITIALLY POOR, BUT IMPROVED IN P.M. (see atttached page)

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12/11/95 Loads: 29 - 31 Bridge Watch: Start Time 0705 End 1745

Area(s) Worked: G"17" TO B/W R"30" & G"21" (STATIONS -75 TO -135)

Weather: Beau. Sea State 2 Wind Dir. NW-NE Wind Speed 6-7 Cloud Cover(%) Ø

H_2O Surface Temp. 56.8 Air Temp. ~~[illegible]~~ 45 (H) 32 (L) Celsius _____ Farenheit ✓

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

Species Observed _____ # of Animals _____

Comments: _____

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	12	0751	NEAR R"4"
" "	1	1029	AT END OF SOUTH JETTY.
" "	1	1234	AT DUMPSITE
" "	7	1251	NEAR G"7"
" "	5	1316	AT END OF NORTH JETTY

Comments or Incidents of Concern? _____

" "	3	1544	" " " "
" "	7	1545	NEAR R"30"
" "	1	1654	NEAR G"5"
" "	1	1727	NEAR G"3"
" "	1	1736	NEAR R"6"
" "	2	1737	NEAR G"9"
" "	1	1738	" "
" "	2	1741	NEAR G"13"

(see atttached page)

3 MERCHANT SHIPS; 5 SHRIMPBOATS.

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12 / 12 / 95 Loads: 34 - 36 Bridge Watch: Start Time 0700 End 1745

Area(s) Worked: G"17" TO B/W R"20" & G"21" (STATIONS -75+00 TO -135+00)

Weather: Beau. Sea State 2 Wind Dir. NW - SSE Wind Speed 6 - 8 Cloud Cover(%) Ø

H_2O Surface Temp. 54.0 Air Temp. 56 (H) 42 (L) Celsius _____ Farenheit ✓

Sighting # 1. Time 11:11 Vessel Location (lat/long) 32° 02.26 N X 80° 51.46 W

Species Observed HUMPBACK WHALE # of Animals 1

Comments: SEEN FOR 7 MINUTES WHILE LOBTAILING & FLIPPER-SLAPPING, & ON ONE SUBSEQUENT SURFACING. NOT RESIGHTED REMAINDER OF DAY.

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	2	0712	NEAR G"13"
" "	7	0730	B/W R"8" & R"6"
" "	1	0733	NEAR G"5"
" "	3	0734	" "
" "	5 + 1 + 1	0748	AT DUMPSITE

Comments or Incidents of Concern?

" "	10	0751	NEAR C"A"
" "	2	0755	SOUTH OF DUMPSITE
" "	5	0801	½ mi SOUTH OF G"1"
" "	4 + 5	0808	NEAR G"5"
" "	3	0875	NEAR R"14"
" "	3	1105	NEAR END OF NORTH JETTY
" "	1	1158	NEAR G"17"
" "	5	1303	NEAR G"7"

(see atttached page)

* CONTINUED ON ADDITIONAL COMMENT PAGE

Observer(s) On Duty: T. COLE

ADDITIONAL COMMENTS

(Attach to reporting forms as necessary)

Dredge DODGE ISLAND

Project SAVANNAH RIVER ENTRANCE

Date: 12 / 17 / 95

BOTTLENOSE DOLPHIN	2	1304	B/W G"7" & G"9"
" "	1	1326	NEAR R "20"
" "	1	1434	END OF NORTH JETTY
" "	1	1540	NEAR R "20"
" "	5	1546	AT END OF NORTH JETTY
" "	1+2+10	1777	NEAR G "7"

7 MERCHANT SHIPS & 4 SHRIMPBOATS TODAY

Observer(s) On Duty: T. COVE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge DODGE ISLAND

Project SAVANNAH RIVER ENTRANCE

Date: 12 / 12 / 95

Load # 34 Times: Start 0334 End 0658 Dump 0745

Location In Channel: G"17" TO B/W R"20" & G"21"

Beau. Sea State 2 Wind: Direction NW Speed 6 Cloud Cover (%) Ø

H_2O Surf.Temp 54.0 (Cel. or Far., circle one) Tide: H HE LE L LF HF (circle one)

Port Draghead: CLEAN Deflector: CLEAN Stbd Draghead: CLEAN Deflector: CLEAN

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:

(see attachments for additional info)

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge DODGE ISLAND

Project SAVANNAH RIVER ENTRANCE

Date: 12/12/95

Load # 35 Times: Start 0836 End 1159 Dump 1240

Location In Channel: G"17" TO B/W R"20" & G"21"

Beau. Sea State 2 Wind: Direction ESE Speed 10 Cloud Cover (%) Ø

H_2O Surf.Temp 54.0 (Cel. or (Far), circle one) Tide: (H) HE LE L LF HF (circle one)

Port Draghead: CLEAN Deflector: CLEAN Stbd Draghead: CLEAN Deflector: CLEAN

Sighting # 1. Time 1111 Vessel Location (lat/long) 32° 02.26 N X 80° 51.46 W

Magnetic Bearing to Sighting 048° Estimated Distance 1.7 nmi

Species Observed HUMPBACK WHALE # of Animals 1

Direction of Travel: Vessel DREDGING Whales UNKNOWN

Comments (Visual description-- length, color, flukes, etc.; behaviors observed, respiration rates, duration of observation): WHALE TAIL-SLAPPING & FLIPPER SLAPPING. CLEAR VIEW OF UNDERTAIL PATTERN. COULD NOT DETERMINE RESPIRATION RATES DUE TO VERY POOR BLOW VISIBILITY. OBSERVATION LASTED APPROX. 7 MINUTES. A COMMERCIAL CRAB BOAT MADE A RAPID CLOSE APPROACH, AFTER WHICH THE WHALE WAS NOT OBSERVED AGAIN.

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

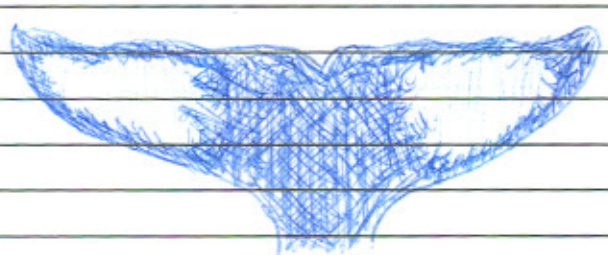
Magnetic Bearing to Sighting Estimated Distance

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:



(see attachments for additional info)

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12 / 13 / 95 Loads: 40 & 41 Bridge Watch: Start Time 0710 End 1730

Area(s) Worked: BETWEEN G"17" & R"20" TO PAST G"21" (STATIONS 120+00 TO 35+00)

Weather: Beau. Sea State 2-4 Wind Dir. NE Wind Speed 7-15 Cloud Cover(%) 30-Ø

H_2O Surface Temp. 55.7 Air Temp. 60 (H) 50 (L) Celsius _____ Farenheit ✓

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

Species Observed _____ # of Animals _____

Comments: _____

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time —— Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	1	0920	NEAR G"17"
" "	5	0926	NEAR R"14"
" "	2	1038	" "
" "	3	1050	AT END OF SOUTH JETTY
" "	3	1311	" NORTH "
" "	6	1317	AT END OF SOUTH JETTY
" "	5	1415	BETWEEN G"11" & G"13"
" "	7	1456	NEAR R"4"
" "	2	1504	NEAR R"8"
" "	4	1523	B/W G"15" & G"17"
" "	3	1527	AT END OF NORTH JETTY
" "	5	1709	B/W R"20" & G"21" APPROACHED DREDGE.

Comments or Incidents of Concern? 4 MERCHANT SHIPS & 4 SHRIMPBOATS TODAY.

CONTACTED THE M/V "GEORGIA RESPONDER" & REQUESTED ANY (see atttached page)
RIGHT WHALE SIGHTINGS - NONE SEEN.

Observer(s) On Duty: T COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12/14/95 Loads: 45 & 46 Bridge Watch: Start Time 0645 End 1740

Area(s) Worked: G"17" TO PAST G"21" (STATIONS ~135+00 TO ~35+00)

Weather: Beau. Sea State 2 Wind Dir. ENE-N Wind Speed 6-3 Cloud Cover(%) 100 - 50

H_2O Surface Temp. 55.5 Air Temp. 64 (H) 56 (L) Celsius _____ Farenheit ✓

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

Species Observed _____ # of Animals _____

Comments: _____

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	1	1205	AT END OF NORTH JETTY
" "	1	1215	NEAR G"21"
" "	2	1245	NEAR END OF SOUTH JETTY
" "	4	1602	NEAR G"11"
" "	2	1615	NEAR R"8"

Comments or Incidents of Concern? _____

" "	2	1617	NEAR R"6"
" "	3	1629	NEAR FISH HAVEN BOUY "C"
" "	2	1642	NEAR G"3"
" "	2	1644	" "
" "	2	1645	NEAR R"4"
" "	2	1649	B/W G"7" & G"9"
" "	2	1656	NEAR G"9"

*CONTINUED ON ADDITIONAL COMMENTS SHEET (see atttached page)

Observer(s) On Duty: T. COLE

ADDITIONAL COMMENTS

(Attach to reporting forms as necessary)

Dredge DODGE ISLAND

Project SAVANNAH RIVER ENTRANCE

Date: 12 / 14 / 95

BOTTLENOSE	DOLPHIN	2	1701	NEAR R "12"
"	"	2	1706	NEAR R "14"
"	"	1	1716	NEAR G "17"
"	"	3	1737	NEAR END OF SOUTH JETTY - APPROACHED W/IN 50 METERS OF DREDGE.

3 MERCHANT SHIPS & 3 SHRIMPBOATS IN CHANNEL TODAY.

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12 / 15 / 95 Loads: 49 & 50 Bridge Watch: Start Time 0700 End 1745

Area(s) Worked: G "13" TO PAST G "21" (STATIONS 135+00 TO 35+00 & 180+00 TO 220+00)

Weather: Beau. Sea State 2 Wind Dir. SE Wind Speed 3-5 Cloud Cover(%) 75-50

H_2O Surface Temp. 55.8 Air Temp. 64 (H) 53 (L) Celsius _____ Farenheit ✓

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

Species Observed _____ # of Animals _____

Comments: _____

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	1	0716	INSIDE G "21"
" "	1	0851	AT END OF NORTH JETTY
	3	0942	" " "
	4	1100	B/W RANGE POSTS NORTH OF NORTH JETTY.
	2	1114	NEAR G "15"

Comments or Incidents of Concern? _____

1	1146	NEAR G "5"
4	1152	AT DUMPSITE
5	1156	NEAR FISH HAVEN BUOY "C"
1 + 2	1234	NEAR G "15"
1	1238	NEAR R "18"
1	1240	AT END OF N. JETTY

14 MERCHANT SHIPS, 2 TUG & BARGES, 6 SHRIMPBOATS IN CHANNEL (see atttached page)

Observer(s) On Duty: T COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12/16/95 Loads: 53 & 54 Bridge Watch: Start Time 0700 End 1740

Area(s) Worked: G"17" TO G"13" (STATIONS ~180+00 TO ~270+00)

Weather: Beau. Sea State 2 Wind Dir. SE Wind Speed 5-8 Cloud Cover(%) 20

H_2O Surface Temp. 57.0 Air Temp. 74 (H) 59 (L) Celsius ____ Farenheit ✓

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

Species Observed ____ # of Animals ____

Comments: ____

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

Species Observed ____ # of Animals ____

Comments: ____

Sighting # 3 . Time — Vessel Location (lat/long) ____ X ____

Species Observed ____ # of Animals ____

Comments: ____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	2	0717	NEAR R"14"
" "	4	0730	NEAR G"13"
" "	2+2	0847	NEAR G"15"
" "	3	0920	NEAR R"14"
" "	1	1005	1 mi SOUTH G"15"

Comments or Incidents of Concern? ____

" "	2	1201	AT DUMPSITE
" "	3	1309	NEAR G"13"
" "	1	1343	NEAR R"14"
" "	4	1715	3/4 mi NORTH R"14"

10 MERCHANT SHIPS, 3 TUG & BARGE & 7 SHRIMPBOATS IN CHANNEL TODAY.

ASSISTED IN RESCUE OF SMALL VESSEL IN DISTRESS (see atttached page)

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

WEEKLY SUMMARY

Dates: 12 / 10 / 95 - 12 / 16 / 95 Range of H_2O Surface Temperature: 54.0°-57.0° F

Area(s) Worked: INSIDE G"21" TO G"13" (STATIONS ~35+00 TO ~135+00 & ~180+00 TO ~270+00)

Were there large whale species sighted within 0.25 nautical mile of the dredge (list date, time, sighting #)?

NO WHALES SIGHTED W/IN 0.25 nmi

Summary of All Cetacean Sightings

Date	Time	Species	Comments (# OF SIGHTINGS (# OF ANIMALS COUNTED))
12 / 10 / 95		BOTTLENOSE DOLPHIN	9 (33)
12 / 11 / 95		" "	13 (44)
12 / 12 / 95		" "	24 (79)
12 / 12 / 95	1111	HUMPBACK WHALE	SEEN 1.7 mi AWAY
12 / 13 / 95		BOTTLENOSE DOLPHIN	12 (46)
12 / 14 / 95		" "	16 (33)
12 / 15 / 95		" "	12 (26)
12 / 16 / 95		" "	10 (24)
/ /			
/ /			
/ /			DOLPHIN TOTALS 96 (285)
/ /			
/ /			
/ /			

Comments: SEE DAILY REPORTS FOR DETAILS OF CETACEAN SIGHTINGS.

DUPLICATE SIGHTINGS OF BOTTLENOSE DOLPHINS WERE NOT ELIMINATED FROM THE ABOVE TOTALS. IT IS PROBABLE THAT SEVERAL DOLPHINS WERE SIGHTED MORE THAN ONCE ON A GIVEN DAY.

Observers On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12/17/95 Loads: 57 & 58 Bridge Watch: Start Time 0705 End 1710

Area(s) Worked: G "13" TO G "17" (STATIONS -270+00 TO -180+00)

Weather: Beau. Sea State 5-6 Wind Dir. NE Wind Speed 20-25 Cloud Cover(%) 50-100

H_2O Surface Temp. 55.8 Air Temp. 58 (H) 55 (L) Celsius _____ Farenheit ✓

Sighting # 1. Time — Vessel Location (lat/long)_____ X_____

Species Observed_____ # of Animals_____

Comments:_____

Sighting # 2. Time — Vessel Location (lat/long)_____ X_____

Species Observed_____ # of Animals_____

Comments:_____

Sighting # 3 . Time — Vessel Location (lat/long)_____ X_____

Species Observed_____ # of Animals_____

Comments:_____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	5	0806	NEAR R "14"
" "	2	1045	NEAR R "17"
" "	9	1359	NEAR G "15"
" "	1	1503	NEAR G "13"
" "	2	1510	1/3 mi WEST G "11"

Comments or Incidents of Concern?

" "	11	1533	NEAR G "3"
" "	6	1626	NEAR G "11"

7 MERCHANT SHIPS & 4 SHRIMPBOATS IN CHANNEL TODAY

(see atttached page)

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12 / 18 / 95 Loads: 61 & 62 Bridge Watch: Start Time 0715 End 1720

Area(s) Worked: G"13" TO G"17" (STATIONS -220+00 TO -180+00)

Weather: Beau. Sea State 5 - 3 Wind Dir. NE Wind Speed 18 - 10 Cloud Cover(%) 100

H_2O Surface Temp. 56.0 Air Temp. 60 (H) 57 (L) Celsius _____ Farenheit ✓

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

Species Observed _____ # of Animals _____

Comments: _____

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	2	0739	NEAR G"15" APPROACHED DREDGE.
" "	5	0754	NEAR G"15".
" "	1	0757	1/3 mi SOUTH G"15"
" "	1+1	0940	NEAR R"10"
" "	1	0950	NEAR R"14". APPROACHED DREDGE.

Comments or Incidents of Concern? _____

CONTACTED M/V "GEORGIA RESPONDER" TO REQUEST ANY RIGHT WHALE SIGHTINGS. NONE TO REPORT.

(see atttached page)

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12 / 19 / 95 Loads: Ø Bridge Watch: Start Time 0705 End 0830

Area(s) Worked: —

Weather: Beau. Sea State 4 Wind Dir. SE Wind Speed 16 Cloud Cover(%) 100

H_2O Surface Temp. — Air Temp. ____(H) 61 (L) Celsius ____ Farenheit ✓

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

Species Observed ____ # of Animals ____

Comments: ____

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

Species Observed ____ # of Animals ____

Comments: ____

Sighting # 3 . Time — Vessel Location (lat/long) ____ X ____

Species Observed ____ # of Animals ____

Comments: ____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	1	0733	NEAR SAVANNAH RIVER COAST GUARD STATION.

Comments or Incidents of Concern? DREDGE WENT TO FUEL DOCK TODAY. REFUELING FROM ABOUT 0930 TO 1630. NO TRANSIT TO DUMPSITE DURING DAYLIGHT HOURS.

(see atttached page)

Observer(s) On Duty: T. LOLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12 / 20 / 95 Loads: 67 & 68 Bridge Watch: Start Time 0700 End 1740

Area(s) Worked: G"17" TO G"13" (STATIONS -180+00 TO -270+00)

Weather: Beau. Sea State 5-4 Wind Dir. W-NW Wind Speed 20-16 Cloud Cover(%) 100-35

H_2O Surface Temp. 55.8 Air Temp. 51 (H) 50 (L) Celsius _____ Farenheit ✓

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

Species Observed _____ # of Animals _____

Comments: _____

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	4	0954	NEAR R"14"
" "	2	1052	" " APPROACHED DREDGE.
" "	2	1237	NEAR G"3"
" "	1	1253	3/4 mi SOUTHWEST G"1"
" "	4	1258	1/3 mi WSW G"3"

Comments or Incidents of Concern?

" "	1	1302	NEAR G"5"
" "	1	1725	1 mi NORTH R"10"

4 MERCHANT SHIPS & 8 SHRIMPBOATS IN CHANNEL TODAY.

(see atttached page)

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12 / 21 / 95 Loads: 72 - 74 Bridge Watch: Start Time 0650 End 1740

Area(s) Worked: BETWEEN R "12" & R "8" (STATIONS -310+00 TO -350+00)

Weather: Beau. Sea State 3-2 Wind Dir. NE-NW Wind Speed 14-8 Cloud Cover(%) 60-40

H_2O Surface Temp. 54.5 Air Temp. 56 (H) 43 (L) Celsius _____ Farenheit ✓

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

Species Observed _____ # of Animals _____

Comments: _____

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	1	0937	NEAR R "10"
" "	1+2	1008	NEAR "
" "	3	1032	1 1/2 mi SOUTH G "9"
" "	2	1037	1 3/4 mi WEST R "10"
" "	2	1125	NEAR G "5"

Comments or Incidents of Concern? _____

" "	12	1128	NEAR G "7"
" "	1	1131	" "
" "	2+1	1316	NEAR R "10"
" "	10	1431	1/3 mi WEST G "5"
" "	2	1443	2/3 mi SSE G "5"
" "	3	1452	AT DUMPSITE
" "	3	1455	1 mi SSE G "3"

* CONTINUED ON ADDITIONAL COMMENT SHEET (see atttached page)

Observer(s) On Duty: T. COLE

ADDITIONAL COMMENTS

(Attach to reporting forms as necessary)

Dredge DODGE ISLAND

Project SAVANNAH RIVER ENTRANCE

Date: 12 / 21 / 95

BOTTLENOSE DOLPHIN	1	1458	1/3 mi WSW G"3"
" "	1	1508	1/3 mi WSW G"7"
" "	5	1512	NEAR R"10"
" "	3	1650	" "

2 MERCHANT SHIPS & 6 SHRIMPBOATS IN CHANNEL TODAY.

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12/22/95 Loads: 79 - 81 Bridge Watch: Start Time 0705 End 1730

Area(s) Worked: BETWEEN R"12" & R"8" (STATIONS ~310+00 TO ~350+00)

Weather: Beau. Sea State 3-1 Wind Dir. NW-W Wind Speed 12-6 Cloud Cover(%) 85-100

H_2O Surface Temp. 53.4 Air Temp. 48 (H) 40 (L) Celsius _____ Farenheit ✓

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

Species Observed _____ # of Animals _____

Comments: _____

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	1	0938	NEAR R"10"
" "	3	1005	1½ mi SOUTH G"9"
" "	5	1006	NEAR R"10"
" "	3	1017	⅓ mi SOUTH R"10"
" "	4	1023	NEAR R"8"

Comments or Incidents of Concern? _____

" "	2	1025	" "
" "	1	1034	¼ mi WEST G"3"
" "	2	1043	AT DUMPSITE
" "	5	1048	" "
" "	1	1154	BETWEEN G"11" & G"9"
" "	2	1343	NEAR G"5"
" "	2	1417	⅓ mi ENE R"6"

* CONTINUED ON ADDITIONAL COMMENT SHEET (see atttached page)

Observer(s) On Duty: T. COLE

ADDITIONAL COMMENTS

(Attach to reporting forms as necessary)

Dredge DODGE ISLAND

Project SAVANNAH RIVER ENTRANCE

Date: 12 / 22 / 95

BOTTLENOSE	DOLPHIN	4	1418	NEAR G"7"
"	"	8	1419	" "
"	"	3	1424	NEAR G"9"
"	"	7	1534	3/4 mi NORTH R"10"
"	"	2	1538	NEAR R"10"
"	"	1	1549	1 mi SOUTH G"11"
"	"	2	1624	NEAR G"7"
"	"	2	1630	NEAR G"5"
"	"	1	1633	2/3 mi NORTH R"4"
"	"	3	1656	1/3 mi SOUTH G"5"
"	"	1	1709	1/3 mi ENE R"8"

Ø MERCHANT SHIPS & 3 SHRIMPBOATS IN CHANNEL TODAY

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12/23/95 Loads: 85-87 Bridge Watch: Start Time 0705 End 1735

Area(s) Worked: BETWEEN R"17" & R"8" (STATIONS -310+00 TO -350+00)

Weather: Beau. Sea State 4-2 Wind Dir. NW-W Wind Speed 16-8 Cloud Cover(%) Ø - 60

H_2O Surface Temp. 53.0 Air Temp. 54 (H) 40 (L) Celsius _____ Farenheit ✓

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

Species Observed _____ # of Animals _____

Comments: _____

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	3	0848	NEAR R"10"
" "	4+1	0923	AT DUMPSITE
" "	1	1154	1 mi SSE G"9"
" "	2	1240	1/3 mi NNE R"10"
" "	5	1248	NEAR R"10"
			3 MERCHANT SHIPS & 4 SHRIMPBOATS IN CHANNEL
Comments or Incidents of Concern?			
" "	7	1303	NEAR G"5"
" "	5	1339	NEAR G"7"
" "	1	1346	NEAR G"9"
" "	1	1349	NEAR R"10"
" "	11	1539	" "
" "	1	1553	NEAR G"9"
" "	4	1556	NEAR R"8"
" "	3	1556	1/4 mi SOUTH R"8"
" "	1	1559	1/8 mi SW R"8"

(see atttached page)

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

WEEKLY SUMMARY

Dates: 12 / 17 / 95 - 12 / 23 / 95 Range of H_2O Surface Temperature: 53.0° TO 56.0° F

Area(s) Worked: STATIONS -180+00 TO -270+00 & -310+00 TO -350+00

Were there large whale species sighted within 0.25 nautical mile of the dredge (list date, time, sighting #)?

NO SIGHTINGS THIS WEEK.

Summary of All Cetacean Sightings

Date	Time	Species	# SIGHTINGS (TOTAL # ANIMALS) Comments
12 / 17 / 95		BOTTLENOSE DOLPHIN	7 (36)
12 / 18 / 95		" "	6 (11)
12 / 19 / 95		" "	1 (1) *
12 / 20 / 95		" "	7 (15)
12 / 21 / 95		" "	18 (55)
12 / 22 / 95		" "	23 (65)
12 / 23 / 95		" "	15 (50)
/ /			
/ /			
/ /			TOTALS 77 (233)
/ /			
/ /			
/ /			
/ /			

Comments: * DREDGE AT FUEL DOCK IN SAVANNAH 0930 - 1630 HRS.

SEE DAILY REPORTS FOR DETAILS OF CETACEAN SIGHTINGS.

Observers On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12 / 24 / 95 Loads: 91 - 94 Bridge Watch: Start Time 0705 End 1740

Area(s) Worked: BETWEEN R "17" & R "8" (STATIONS -310+00 TO -350+00)

Weather: Beau. Sea State 4 - 2 Wind Dir. NW - W Wind Speed 16 - 12 Cloud Cover(%) 5 - Ø

H_2O Surface Temp. 52.0 Air Temp. 49 (H) 33 (L) Celsius _____ Farenheit ✓

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

Species Observed _____ # of Animals _____

Comments: _____

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	5	1325	3/4 mi SOUTH G "9"
" "	4	1508	NEAR G "9"
" "	10	1525	NEAR G "7"
" "	5	1525	BETWEEN G "7" & G "9"
" "	3	1706	1/3 mi SOUTH G "5"

Comments or Incidents of Concern? _____

2 MERCHANT SHIPS & 7 SHRIMPBOATS IN CHANNEL TODAY.

(see atttached page)

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12 / 25 / 95 Loads: 99 - 102 Bridge Watch: Start Time 0705 End 1740

Area(s) Worked: BETWEEN R"12" & R"8" (STATIONS -310+00 TO -380+00)

Weather: Beau. Sea State 4-6 Wind Dir. WNW Wind Speed 16-24 Cloud Cover(%) Ø - 50

H_2O Surface Temp. 51.8 Air Temp. 50 (H) 31 (L) Celsius _____ Farenheit ✓

Sighting # 1. Time 0911 Vessel Location (lat/long) 31° 57.2' N X 80° 45.6 W

Species Observed RIGHT WHALE # of Animals 1

Comments: OBSERVATION CONDITIONS POOR DUE TO HIGH WINDS & CHOP. WHALE ALSO BACKLIT. HOWEVER, BASED ON SIZE & LACK OF DORSAL FIN, CONFIDENT A RIGHT

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	2	1734	NEAR G"9"
" "	2	1237	NEAR R"8"
" "	6	1529	1/3 mi SOUTH G"7"
" "	7	1946	BETWEEN G"7" & G"9"
" "	6	1600	NEAR G"9"

Comments or Incidents of Concern?

CONTACTED SAVANNAH BAR PILOTS & GEORGIA DEPT. OF NATURAL RESOURCES REGARDING SIGHTING. ALSO GAVE SIGHTING INFO TO ACE INSPECTOR ONBOARD THE DREDGE.

3 MERCHANT SHIPS & 1 SHRIMPBOAT IN CHANNEL TODAY.

(see atttached page)

Observer(s) On Duty: T. COVE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

DAILY REPORT

Date: 12/26/95 Loads: 106 - 109 Bridge Watch: Start Time 0710 End 1740

Area(s) Worked: BETWEEN R"10" & R"8" (STATIONS -350+00 TO -380+00)

Weather: Beau. Sea State 5-2 Wind Dir. NW Wind Speed 20-10 Cloud Cover(%) 3-5

H_2O Surface Temp. 51.8 Air Temp. 50 (H) 35 (L) Celsius _____ Farenheit ✓

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

Species Observed _____ # of Animals _____

Comments: _____

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

Species Observed _____ # of Animals _____

Comments: _____

Sighting # 3 . Time — Vessel Location (lat/long) _____ X _____

Species Observed _____ # of Animals _____

Comments: _____

Summary of Small Cetacean Sightings

Species	# of Animals	Time	Location & Comments
BOTTLENOSE DOLPHIN	2	1556	1/3 mi NORTH R"8"
" "	2	1559	BETWEEN G"7" & G"9"
	1	1644	NEAR G"9"
	2	1649	1/4 mi SSW G"9"
	3	1659	1/5 mi WEST G"9"

Comments or Incidents of Concern? _____

3 MERCHANT SHIPS & 5 SHRIMPBOATS IN CHANNEL.

OBSERVER DEPARTED DREDGE AT @ 1930 HRS.

(see atttached page)

Observer(s) On Duty: T. COLE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge *DODGE ISLAND* - Savannah River Entrance Channel

Winter 1995/96

WEEKLY SUMMARY

Dates: 12 / 24 / 95 - 12 / 26 / 95 Range of H_2O Surface Temperature: 57.0° - 51.8° F

Area(s) Worked: R "12" TO R "8" (STATIONS -310+00 TO -380+00)

Were there large whale species sighted within 0.25 nautical mile of the dredge (list date, time, sighting #)?

NOT W/IN 0.25 nmi - SEE 12/25 DAILY REPORT

Summary of All Cetacean Sightings

Date	Time	Species	Comments (# OF SIGHTINGS (TOTAL # ANIMALS SEEN))
12 / 24 / 95		BOTTLENOSE DOLPHIN	5 (27)
12 / 25 / 95		" "	5 (23)
12 / 26 / 95		" "	5 (10)
* 12 / 25 / 95	0911	RIGHT WHALE	SEE DAILY.
/ /			
/ /			
/ /			
/ /			
/ /			
/ /			
/ /			
/ /			
/ /			
/ /			

Comments:

ONE RIGHT WHALE SIGHTED ON 12/25 AT 0911 HRS.
SEE DAILYS FOR DETAILS of ALL CETACEAN SIGHTINGS.

Observers On Duty: T. COLE