ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

DAILY REPORT

Date: 10/06/01 Loads: 01-02

Area(s) Worked Mayport Entrance channel, FL 42+00 72+00

Weather Conditions (incl. sea conditions) Winds SW 10-15 knots, seas calm

Range of Water Temp., Surface 76°F Below Mid-Depth 75°F

Condition and Effectiveness of Screening Good

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

No sea turtles were detected killed or injured today. No sea turtles were sighted today.

Samples today consisted of horseshoe crabs, clearnose skates, rays, eels, clay, trash, shell and rock.

Material dredging is mud, silt and clay.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Tt	20-30	All day sightings in cut. Bottlenose dolphins

Observer(s) on Duty: ERIC Westerman, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

DAILY REPORT

Date: 10 / 07 / 01 Loads: 3-8

Area(s) Worked STATIONS 42+00 - 72+00

Weather Conditions (incl. sea conditions) Cloudy, wind SW 10-25 KTS Sea 4-8'

Range of Water Temp., Surface 76-75° Below Mid-Depth 75-74°

Condition and Effectiveness of Screening Good

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material dredged is silt sand + mud.

Samples included horseshoe crab, flounder, eel, skate, stingray, sea whip, tube worm, catfish, blue crab, mantis shrimp + various human generated debris.

There were no incidents involving endangered or protected species.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) on Duty: Andrew Jackson / Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

DAILY REPORT

Date: 10/08/01 Loads: 09-14

Area(s) Worked Stations 42+00-72+00

Weather Conditions (incl. sea conditions) Winds NE 15-30 knots, seas 6-8'

Range of Water Temp., Surface 74-75°F Below Mid-Depth 73-74°F

Condition and Effectiveness of Screening Good

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

During load 11 a juvenile loggerhead sea turtle was sampled at the bagging of the load. The fresh dead sea turtle parts were sampled in the port overflow screen and port inflow box. The sea turtle was photographed and measured. After the loggerhead was documented it was weighted down and disposed off at the dump site.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Tt	5	1327 cut. Bottlenose dolphins
Tt	10	1820 cut Bottlenose dolphins

Observer(s) on Duty: Eric Westerman, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

DAILY REPORT

Date: 10 / 09 / 01 Loads: 15

Area(s) Worked STN: 42+00 – 72+00

Weather Conditions (incl. sea conditions) Cloudy, wind NE 15-25 KTS, sea 6-8'

Range of Water Temp., Surface 72° Below Mid-Depth 71°

Condition and Effectiveness of Screening good

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material dredged is silt, mud, clay + sand

Samples were skate, flounder, trash

There were no incidents involving endangered or protected species

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) on Duty: Andrew Jackson / Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

DAILY REPORT

Date: 10/10/01 Loads: 16-20

Area(s) Worked stations 42+00-72+00

Weather Conditions (incl. sea conditions) Winds E 15-25 knots, Seas 6-8'

Range of Water Temp., Surface 72°F Below Mid-Depth 71°F

Condition and Effectiveness of Screening Good

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

No sea turtles were killed or injured today. No sea turtles were sighted today.

Samples today consisted of horseshoe crabs, skates, rays, flounder, eels, rock, clay, trash cable and nets.

Material dredging is mud, silt and clay.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
TT	8	1805, Jetties, Bottlenose Dolphins

Observer(s) on Duty: Eric Westerman, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

DAILY REPORT

Date: 10 / 11 / 01 Loads: 21-26

Area(s) Worked STN: 42+00 - 72+00

Weather Conditions (incl. sea conditions) P/c - Cloudy/Rain, wind 10-25 KTS, sea 4-9'

Range of Water Temp., Surface 73° Below Mid-Depth 72°

Condition and Effectiveness of Screening Good

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material dredged is sand, silt, mud + clay.

Samples include horseshoe crabs, rays, flounder, eel + trash.

There were no incidents involving endangered or protected species.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments

Observer(s) on Duty: Andrew Jackson / Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

DAILY REPORT

Date: 10/12/01 Loads: 27-33

Area(s) Worked Stations 42+00 - 72+00

Weather Conditions (incl. sea conditions) Winds SE 5-15 knots, Seas 3-8'

Range of Water Temp., Surface 73°F Below Mid-Depth 72°F

Condition and Effectiveness of Screening Good

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

No sea turtles were killed or injured today. No sea turtles were sighted today.

Samples today consisted mainly of horseshoe crabs, rays, eels, flounder, rope, trash and rock.

Material dredging is mud and silt.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Tt	5-10	0725, Cut, Bottlenose Dolphins
Tt	20-30	1800, Cut, Bottlenose Dolphins

Observer(s) on Duty: Eric Westerman, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

DAILY REPORT

Date: 10 / 13 / 01 Loads: 34-40

Area(s) Worked STN: 42+00 - 72+00

Weather Conditions (incl. sea conditions) P/c-c, wind 10-15 KTS, sea 3-6'

Range of Water Temp., Surface 74-73° Below Mid-Depth 73-72°

Condition and Effectiveness of Screening Good

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material dredged is silt, mud, sand, clay.

Samples were horseshoe crab, ray, flounder, eel, trash.

There were no incidents involving endangered or protected species.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T.t.	20	1800 / CUT

Observer(s) on Duty: Andrew Jackson / Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

DAILY REPORT

Date: 10/14/01 Loads: 41-46

Area(s) Worked Stations 42+00-72+00

Weather Conditions (incl. sea conditions) Winds southerly 15-20 Knots, Seas 4-7'

Range of Water Temp., Surface 74°F Below Mid-Depth 73°F

Condition and Effectiveness of Screening Good

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

No sea turtles were killed or injured today. No sea turtles were sighted today.

Samples today consisted of cable, rays, horseshoe crabs, eels, flounder, rock and trash.

Material digging is mud and silt.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
TT	15-20	All day, cut, Bottlenose Dolphins

Observer(s) on Duty: Eric Westerman, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

WEEKLY SUMMARY

Date: 10/06/01 - 10/14/01 Load Numbers 01-46

Range of Water Temp., Surface 72-76°F Below Mid-Depth 71-75°F

Areas Worked (lat/longs, stations) stations 42+00 - 72+00

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

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

One Loggerhead sea turtle was killed on 10-08-01 Load 11. The sub-adult turtle was sampled near the begging of the load. The turtle was documented and disposed of at the dump-site. No sea turtles were sighted this week.

Samples this week consisted of horseshoe crabs, flounder, rays, eels, cable, rock, wood, nets, hoses and trash.

Material digging is mud, silt and clay.

No manatees were sighted this week.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
10/06	Tt 20-30	Bottlenose Dolphins
10/08	Tt 15	"
10/10	Tt 8	"
10/12	Tt 25-40	"
10/13	Tt 20	"
10/14	Tt 15-20	"
/		"

Observer(s) on Duty: ERIC Westerman, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

DAILY REPORT

Date: 10/15/01 Loads: 47-52

Area(s) Worked stations 42+00-72+00

Weather Conditions (incl. sea conditions) Winds NE 10-15 knots, seas 4'-7'

Range of Water Temp., Surface 74° F Below Mid-Depth 73° F

Condition and Effectiveness of Screening Good

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

A live juvenile green sea turtle was sampled during load 52. The turtle was seriously injured. The turtle was kept moist all night. First thing in the morning the turtle was brought ashore. The observer will take the injured sea turtle to sea world. The turtle was measured and photographed. The dredge personnel was very helpfull through the whole situation.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
Tt	10-15	1547 cut Bottlenose Dolphins

Observer(s) on Duty: ERIC Westerman, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

DAILY REPORT

Date: 10/16/01 Loads: 53-59

Area(s) Worked station 42+00 - 72+00

Weather Conditions (incl. sea conditions) Winds variable 5-15 knots, seas 4-7'

Range of Water Temp., Surface 74°F Below Mid-Depth 73°F

Condition and Effectiveness of Screening Good

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

NO sea turtles were killed or injured today. NO sea turtles were sighted today.

Phil Bates from the U.S.A.G.C.E was out today to look at the operation. Some new bars were welded on the T.E.D.s today.

Samples consisted of rock sargassum, skates, flounder trash and cable.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T+	15-20	1100, cut, Bottlenose dolphins

Observer(s) on Duty: ERIC Westerman, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

DAILY REPORT

Date: 10 / 17 / 01 Loads: 60 - 65

Area(s) Worked STN: 42+00 - 72+00

Weather Conditions (incl. sea conditions) Clear - cloudy, wind 10-15 KTS, sea 4-8'

Range of Water Temp., Surface 72° Below Mid-Depth 71°

Condition and Effectiveness of Screening Good

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

Material dredged is silt, sand + mud

Samples were Trash, sargassum, horseshoe crabs, stingray.

There were no incidents involving endangered or protected species.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
T.t.	10-20	1148 / cut / Feeding

Observer(s) on Duty: Andrew Jackson / Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

DAILY REPORT

Date: 10/18/01 Loads: 66-68

Area(s) Worked stations 42+00 - 72+00

Weather Conditions (incl. sea conditions) winds NE 20-30 knots, seas 5-8'

Range of Water Temp., Surface 71°F Below Mid-Depth 70°F

Condition and Effectiveness of Screening Good

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

No sea turtles were killed or injured today. No sea turtles were sighted today.

Samples today consisted of flounder, horseshoe crabs, sargassum, trash, cable, rope and rock.

Material digging is silt, mud and clay.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
No sightings		

Observer(s) on Duty: Eric Westerman, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

DAILY REPORT

Date: 10/19/01 Loads: 69-74

Area(s) Worked stations 42+00-72+00

Weather Conditions (incl. sea conditions) Winds NE 10-15 knots, seas 4-7'

Range of Water Temp., Surface 72°F Below Mid-Depth 71°F

Condition and Effectiveness of Screening Good

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

No sea turtles were killed or injured today. No sea turtles were sighted today.

Samples today consisted of flounder, skates, redfish, cable, rope, rock, nets, sargassum and trash.

Material digging is mud, silt and clay.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
No sightings		

Observer(s) on Duty: Eric Westerman, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

DAILY REPORT

Date: 10/20/01 Loads: 75

Area(s) Worked Stations 42+00 - 72+00

Weather Conditions (incl. sea conditions) Winds NE 10-15 knots, seas 4'-7'

Range of Water Temp., Surface 72°F Below Mid-Depth 71°F

Condition and Effectiveness of Screening Good

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

Comments (details of turtle takes or whale sightings, dredged material, screening, biological by-catch, etc.):

A juvenile green (Chelonia mydas) sea turtle was killed during load 75. The turtle was sampled in the starboard inflow box. The turtle's plastron and carapace were severly cracked and lacerated. Some of the intestines were sucked out and some were hanging out of the carapace. The turtle was photographed and measured.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
No sightings		

Observer(s) on Duty: Eric Westerman, Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Mayport, Florida

WEEKLY SUMMARY

Date: 10/15/01 - 10/20/01 Load Numbers 47-75

Range of Water Temp., Surface 71-74°F Below Mid-Depth 70-73°F

Areas Worked (lat/longs, stations) Stations 42+00 - 72+00

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

Comments (turtle takes, whale sightings, effectiveness of screening, by-catch, material, other info):

Two juvenile green (Chelonia mydas) sea turtles were sampled this week. One turtle was killed and the other was seriously injured. The injured turtle was transported to sea world. The dredge personnel was very helpfull through both situations.

Material digging is silt, mud and clay.

Samples this week consisted of horseshoe crabs, rays, flounder, skates, cannonball jellyfish, redfish, nets, cable, rope, sargassum, rocks and trash.

Bridge Watch Summary

Date	Various Species and Respective Number		Comments
10/15	Tt	10-15	Bottlenose Dolphins
10/16	Tt	15-20	" "
10/17	Tt	10-20	" "
/			
/			
/			
/			

Observer(s) on Duty: ERIC Westerman, Andrew Jackson