ENDANGERD SPECIES OBSERVER PROGRAM

Dredge Northerly Island

Project Mayport

DAILY REPORT

Date: 12 / 01 / 99 Loads: 1-4

Area(s) Worked: 30° 23' N 81° 24' W

Weather Conditions: partly cloudy seas 1-4' winds WSW 5-15

Range of H_2O Temperature: Surface 17° Below Mid-Depth 17°

Condition of all screening apparatus: good

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

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

Dredge began digging load #1 at 1244 h. in the Mayport Entrance Channel. Endangered Species Observers Kirsten Dahler + Eric Pohlman onboard.

Dredge material is mud with some sand. Biological samples are very light, only a few fish (unid'd + flounder) observed. Trash is moderate, including line, plastic debris + crab traps.

Dolphin (Tursiops truncatus) are abundant + active at jetties and outside of channel. No other protected species were observed today

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	2	7-11	outside jetties

Observer(s) On Duty: Kirsten Dahler + Eric Pohlman

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge Northerly Island

Project Mayport

DAILY REPORT

Date: 12 / 02 / 99 Loads: 5 - 13

Area(s) Worked: 30° 23' N 81° 24' W

Weather Conditions: mostly clear, calm

Range of H_2O Temperature: Surface 17°C Below Mid-Depth 17°C

Condition of all screening apparatus: good

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

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

Dredged material is silt, with a small amount of sand. Biological debris very light.

Tursiops truncatus are abundant outside the jetties and occasional in the channel. There were no other sightings of protected species.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	3	28-46	o/s jetties

Observer(s) On Duty: Kirsten Pohlman + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 03 / 99 Load Numbers 14-21

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions) Cloudy N winds 2-10 seas 1-3'

Range of Water Temp., Surface 54°-58° F Below Mid-Depth 54-58° 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.):

Dredged material is silt with some sand. Biological catch is very slight, trash light as well.

Dolphin (Tursiops truncatus) are abundant in the area. There were no other sightings of protected species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	30-40	outside jetties throughout the day

Observer(s) on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 04 / 99 Load Numbers 22-29

Area(s) Worked 30° 23'N 81°24'W

Weather Conditions (incl. sea conditions) cloudy - to partly cloudy, wind S SW, seas 1-3

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredged material mostly mud, silt, with small amount sand. Very little biological debris. Dolphin (Tursiops truncatus) are abundant in the area.

There were no sightings of protected species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	54	Outside jetties, and at dump

Observer(s) on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

WEEKLY SUMMARY

Dates 12 / 01 / 99 - 12 / 04 / 99 Load Numbers 1-29

Range of Water Temp., Surface 17-19°C Below Mid-Depth 17-19°C

Areas Worked (lat/longs, stations) 30°23'N 81°24'W

Are there incidents involving endangered or protected species? **YES** **NO** X

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

Dredge began digging in the Mayport Entrance Channel at 1244h on 12.01.99. Endangered Species Observers Kirsten Dahlen & Eric Pohlman onboard. Dredged material is silt, mud + sand. Biological samples are very light, mostly flounders, whelks + soft coral. Dolphin (Tursiops truncatus) are abundant in the area. There were no other sightings of protected species.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
12 / 01	7-11 Tursiops truncatus	feeding o/s jetties
12 / 02	28 Tt	o/s jetties
12 / 03	30 Tt	o/s jetties
12 / 04	54 Tt	o/s jetties
/		
/		
/		

Observers on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 05 / 99 Load Numbers 30 - 37

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions) partly cloudy, seas 1-4' WIND SE 5-20

Range of Water Temp., Surface 17°C Below Mid-Depth

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.):

Dredged material is silt + mud with some sand. Biological samples are light, mainly various whelk species (channeled + knobbed) and sea whips.

Dolphin (Tursiops truncatus) are abundant in the area. An offshore vessel (~60 nm) reported sighting of a Eubalaena glacialis (N. Right Whale) around 0930.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	10-20	throughout the day; feeding + riding the waves

Observer(s) on duty Kirsten Dahlen & Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: May Point

DAILY REPORT

Date 12 / 06 / 99 Load Numbers 38 – 45

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions) Cloudy to partly w/showers, SW 5-10, seas 1-5

Range of Water Temp., Surface 17°-18°C Below Mid-Depth

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.):

Dredged material is mostly mud/silt with some sand. Biological samples are light with only (leptogorgia virgulata) sea whips reported.

Dolphin (Tursiops truncates) are in the area though mostly outside the jetties in groups of 10-15.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops Truncatus	10-15	outside jetties

Observer(s) on duty Eric Pohlman, Kirsten Dahlen

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 07 / 99 Load Numbers 46 – 52

Area(s) Worked 30° 23'N 81°24'W

Weather Conditions (incl. sea conditions) Partly cloudy, seas 1-4, wind NE 5-15

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredged material is silt + sand. Biological debris is light, including (Busycon Contrarium) Lightning whelk, and sea wipes. Dolphin (Tursiops truncatus) are abundant in the area. There were no other sightings of protected species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	40-60	throughout the day from jettice to dump (likely same pods seen on each dump run).

Observer(s) on duty Kirsten Dahlen & Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: MayPORT

DAILY REPORT

Date 12 / 08 / 99 Load Numbers 53-57

Area(s) Worked 30°23 N 81°24 N

Weather Conditions (incl. sea conditions) partly cloudy, wind NE 5-15, sea 1-4

Range of Water Temp., Surface 17°C Below Mid-Depth

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.):

Dredged material is silt/sand. Biological debris is light including crabs and flounders.

No dredging during day due to fueling which started at 0700 and finished around 1600 taking on 70,000 gals

There where no sightings of protected species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 09 / 99 Load Numbers 58 - 62

Area(s) Worked 30° 23'N 81°24'W

Weather Conditions (incl. sea conditions) clear to partly cloudy, winds calm,

Range of Water Temp., Surface 17° C Below Mid-Depth 17° C

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.):

Dredged material is silt and sand. Biological samples are light, including moon jellies and horseshoe crabs.

Dolphin (Tursiops truncatus) are abundant in the area. There were no other sightings of protected species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	30 - 60	throughout the day 9's jetties

Observer(s) on duty Kirsten Dahlen & Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 10 / 99 Load Numbers 63- 68

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions) mostly clear, light winds, 1-2 seas

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredged material is silt + sand. Biological debris is light + includes Blue Crabs (Callinectes sapidus) Clearnose Skate (Raja eglanteria) Dolphin (Tursiops truncatus) are abundant in the area. There were no other sightings of protected species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus		

Observer(s) on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Iscaro.

Project: MayPORT

DAILY REPORT

Date 12 / 11 / 99 Load Numbers 68 - 75

Area(s) Worked 30°23N 81°24'W

Weather Conditions (incl. sea conditions) clear, light wind, 1-2 sea

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredged material is silt + sand, Biological debris is light including: blue crabs and flounder. Dolphin (Tursiops truncatus) are abundant in the area.

There was no sighting of protected species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	45	outside jetties

Observer(s) on duty Kirsten Dallen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

WEEKLY SUMMARY

Dates 12 / 05 / 99 - 12 / 11 / 99 Load Numbers 30-75

Range of Water Temp., Surface 17-19°C Below Mid-Depth 17-19°C

Areas Worked (lat/longs, stations) 30°23'N 81°24'W

Are there incidents involving endangered or protected species? YES (NO)

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

Dredged material is silt, sand + mud. Biological debris as light including Callinectes sapidus, flounder spp., clean-nose skate (Raja eglanteria), moon jellies, horse shoe crabs, lightening whelks, sea whips, channeled whelks + knobbed whelks.

Dolphin (Tursiops truncatus) are abundant in the area. There were no other sightings of protected species.

Bridge Watch Summary

Date	Various Species and Respective Number		Comments
12 / 05	Tursiops truncatus	45	outside jetties
12 / 06	Tursiops truncatus	45	o/s jetties
12 / 07	Tursiops truncatus	30-60	o/s jetties
12 / 08	Tursiops truncatus	30-60	o/s jetties
12 / 09	Tursiops truncatus	40-60	o/s jetties
12 / 10	Tursiops truncatus	10-15	o/s jetties
12 / 11	Tursiops truncatus	10-20	o/s jetties

Observers on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 12 / 99 Load Numbers 76 - 82

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions) partly cloudy, light winds, seas 1-3

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredged material is silt, sand + mud. Biological samples are light; including blue crab (Callinectes sapidus), horse shoe crab (Limulus polyphemus) and hogchoker (Trinectes maculatus).

Dolphin (Tursiops truncatus) are abundant in the area. There were no other sightings of endangered or protected species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	40-60	observed throughout the day

Observer(s) on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 13 / 99 Load Numbers 83 - 87

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions)

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredged material is sand, silt + mud. Biological samples are light + include: clear nose skate, few blue crabs. Dolphin (Tursiops truncatus) are abundant in the area. There were no other sightings of endangered or protected species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	40-60	throughout the day w/s jetties

Observer(s) on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 14 / 99 Load Numbers 88 - 93

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions) mostly clear, winds light, seas 1-3

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredged material is silt, sand + mud. Biological samples are light, including: Black shark, Blue crabs

Dolphin (Tursiops truncatus) remain abundant in the area. There were no other sightings of endangered or protected species.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	40-60	throughout the day, feeding at jetties

Observer(s) on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 15 / 99 Load Numbers 94 - 99

Area(s) Worked 30°23 N 81° 24 W

Weather Conditions (incl. sea conditions) mostly clear, light wind sea 1-3 ft

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredged material is silt, sand and mud. Biological debris is light, including: tonguefish, blue crabs horseshoe crabs, clear nose skate

Dolphin (Tursiops truncatus) abundant in the area there were no sighting of endangered species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	~~30~~ 40-60	outside jetties

Observer(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 16 / 99 Load Numbers 100 - 106

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions) partly cloudy, N 15-20, 1-4 seas

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredged material is silt, sand + mud. Biological samples are slight, including blue crab (Callinectes sapidus), clearnose skate

Dolphin (Tursiops truncatus) are abundant in the area. Whale survey plane reports no whales (Eubalaena glacialis) in the area.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	30-60	throughout the day, feeding off jetties

Observer(s) on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 17 / 99 Load Numbers 107 - 112

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions) cloudy, winds NE 15-30 kts seas 4-6'

Range of Water Temp., Surface 17-16.5°C Below Mid-Depth 17-16.5°C

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.):

Dredged material is silt, sand and mud with lots of trash: rope, wire fishing line. Biological debris is light including blue crabs, and clear nosed skate.

Dolphin (Tursiops truncatus) are abundant in the area, survey plane reports no whales. There were no other sightings of protected species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	20-30	outside jetties

Observer(s) on duty Kirsten Dahlen, Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 18 / 99 Load Numbers 113 - 116

Area(s) Worked 30° 23' N 81° 24' W

Weather Conditions (incl. sea conditions) cloudy w/ Rain, wind N-NE 10-20, seas 1-6

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredged material is silt, sand + mud. Biological samples are light + include cheur nosed skate (Raja eglanteria)

Dolphin (Tursiops truncatus) are abundant in the area. No protected species where sighted today.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	20-30	throughout the day o/s jetties

Observer(s) on duty Kirsten Dahlen + Eric Pahlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

WEEKLY SUMMARY

Dates 12 / 12 / 99 - 12 / 18 / 99 Load Numbers 76 – 116

Range of Water Temp., Surface 16.5 - 17°C Below Mid-Depth 16.5 - 17°C

Areas Worked (lat/longs, stations) 30°23'N 81°24'W

Are there incidents involving endangered or protected species? **YES** **NO**

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

Dredged material is silt, sand + mud. Biological samples are light, including clearnose skate (Raja eglanteria), blue crab (Callinectes sapidus), horseshoe crabs (Limulus polyphemus), tonguefish, black-tip shark (Carcharhinus limbatus) and hog chokers (Trinectes maculatus). Dolphin (Tursiops truncatus) are abundant in the area. Whale surveys began this week (12.15.99) and have reported no whales (Eubalaena glacialis) in the project area. There were no other sightings of protected species.

Bridge Watch Summary

Date	Various Species and Respective Number		Comments
12 / 12	Tursiops truncatus	40-60	feeding outside jetties
12 / 13	Tursiops truncatus	40-60	feeding o/s jetties
12 / 14	Tursiops truncatus	40-60	feeding o/s jetties
12 / 15	Tursiops truncatus	40-60	feeding o/s jetties
12 / 16	Tursiops truncatus	30-60	feeding o/s jetties
12 / 17	Tursiops truncatus	20-30	feeding o/s jetties
12 / 18	Tursiops truncatus	20-30	feeding o/s jetties

Observers on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 19 / 99 Load Numbers 117 - 120

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions) partly cloudy to clear winds NS-10 seas 1-3

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredged material is silt, sand & mud. Biological samples are light, including, there was no biological debris ~~[illegible]~~ reported though there was plenty of trash.

Dolphin (Tursiops truncatus) are abundant in the area.

There were no endangered species reported.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	20-30	throughout the day, outside jetties

Observer(s) on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 20 / 99 Load Numbers none

Area(s) Worked 30° 23'N 81°24'W

Weather Conditions (incl. sea conditions) overcast wind NS 20 seas 1-3'

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredge Northerly Island at dock for repairs 12.20.99.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Kirsten Dahler + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 21 / 99 Load Numbers none

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions) overcast/rain seas 1-3' winds NE 10

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredge Northerly Island at dock for repair 12.21.99

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Dredge Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 22 / 99 Load Numbers 121 - 123

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions) cloudy, NE 15-20, seas 2-3'

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredge Northerly Island returned to work in the Mayport entrance channel at 0946h.

Dredged material is silt, sand + mud. Biological samples are light, including: Blue crabs.

Dolphin (Tursiops truncatus) are abundant in the area. There were no other sightings of protected species. There was no aerial whale survey today due to cloud cover.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus		

Observer(s) on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly

Project: Mayport

DAILY REPORT

Date 12 / 23 / 99 Load Numbers 124 – 128

Area(s) Worked 30°23' N 81°24' W

Weather Conditions (incl. sea conditions) partly cloudy, N-NE 10-20, seas 1-4

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredged material is silt, sand and mud mixed with fair amount of trash. Biological debris is light. including blue crab and a hammerhead fish. Dolphin (Tursiops truncatus) are abundant in the area. There were no sighting of protected species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	20-30	outside jetties

Observer(s) on duty Eric Pohlman, Kirsten Dahlen

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 24 / 99 Load Numbers 129 - 134

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions) clear seas 1-3 wind NE 10-15

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredged material is silt, sand, mud + a little clay. Biological debris is light, including mantis shrimp (Squilla empusa), blue crab (Callinectes sapidus)

Dolphin (Tursiops truncatus) are abundant in the area. Whale survey plane reports no sightings. Possible sighting of Eubalaena glacialis by dredge crew at 0700, but not confirmed by aerial survey.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	20-30	throughout the day, feeding at jetties

Observer(s) on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Issues

Project: MayPort

DAILY REPORT

Date 12 / 25 / 99 Load Numbers 135 - 139

Area(s) Worked 30°23'N 81°24W

Weather Conditions (incl. sea conditions) clear, seas 4-10, wind N, W 10-30

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

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.):

Dredged material is silt, sand and mud, with a few clay balls. There was no reported biological debris recovery.

Dolphin (Tursiops truncatus) are abundant in the area, whale survey plane did not fly today due to the weather.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	20-30	sightings throughout the day, outside the jetties

Observer(s) on duty Eric Pohlman, Kirsten Dahlem.

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

WEEKLY SUMMARY

Dates 12 / 19 / 99 - 12 / 25 / 99 Load Numbers 117-139

Range of Water Temp., Surface 17°C Below Mid-Depth 17°C

Areas Worked (lat/longs, stations) 30°23'N 81°24'W

Are there incidents involving endangered or protected species? **YES** **NO**

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

Dredged material is silt, sand + mud with small amounts of clay. Biological by-catch is light, including blue crabs, whelks + mantis shrimp. Dolphin (Tursiops truncatus) are abundant in the area. Whale survey plane has reported no whales in the area, though there was one possible sighting of a Right whale or other marine mammal inside the Mayport jetties (reported by crew). There were no other sightings of protected species.

Bridge Watch Summary

Date	Various Species and Respective Number		Comments
12 / 19	Tursiops truncatus	20-30	feeding outside jetties
12 / 20	Tursiops truncatus	20-30	feeding o/s jetties
12 / 21	Tursiops truncatus	20-30	feeding o/s jetties
12 / 22	Tursiops truncatus	20-30	feeding o/s jetties
12 / 23	Tursiops truncatus	20-30	feeding o/s jetties
12 / 24	Tursiops truncatus	20-30	feeding o/s jetties
12 / 25	Tursiops truncatus	20-30	feeding o/s jetties

Observers on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 26 / 99 Load Numbers 140 - 144

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions) clear, winds 20-25 West, sea 3-5.

Range of Water Temp., Surface 16°C - 14°C Below Mid-Depth ?

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.):

Dredging continues at Mayport Entrance channel. Dredged material is silt, sand, & a small amount of clay. There was no reportable biological debris recovered.

Dolphin (Tursiops truncatus) are abundant in the area.

whale survey plane did not sight any whales today

None observed no endangered species reported today

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	20-40	feeding off jetties throughout the day

Observer(s) on duty Kirsten Dahlen + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Mayport

DAILY REPORT

Date 12 / 27 / 99 Load Numbers 145 - 149

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions) clear, wind 10-20 west, seas 2-4

Range of Water Temp., Surface 16°C Below Mid-Depth

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.):

Dredged material is silt, sand + mud with increasing amounts of clay + shell debris. Biological samples light ~~including~~ no Biologicals Debris was recovered today

Dolphin (Tursiops truncatus) are abundant in the area whale survey plane ~~report~~ did not report

There where no sightings of protected species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	20-30	throughout the day, feeding off jetties

Observer(s) on duty Kristen Dahlen + Eric Pehlman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: MayPORT

DAILY REPORT

Date 12 / 28 / 99 Load Numbers 150

Area(s) Worked 30°23'N 81°24'W

Weather Conditions (incl. sea conditions) clear, wind 10-15kn, sea 1-4

Range of Water Temp., Surface 16°C Below Mid-Depth —

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.):

Dredged material is silt sand and mud with no biological debris

Todays operation finished at 0700 due to the end of project. Northerly Island is going to dock for repairs.

No incidents or sightings of endangered species

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty E.R. Pohlman