

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Northerly Island

Project: Manport

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 miles 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 month's 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
<u>Tursiops truncatus</u>	<u>20-30</u>	<u>throughout the day, feeding @ jetties</u>

Observer(s) on duty Kirsten Dohler + Eric Pohlman

ENDANGERED SPECIES OBSERVER PROGRAM

Large Whale Observation Data

(Append to Daily Report)

Dredge Northerly Island

Project Mayport

Date: 12 / 24 / 99

Load # 131 Times: Start 0700 End 0858 Dump 1014

Location(lat/long) 30°23'N 81°24'W Tide flood Beau Sea State: 2-3

Wind Direction: N Speed: 5-10 Cloud Cover(%): 5% H<sub>2</sub>O Surf. Temp 17°C

Sighting #1. Time 0700 Vessel location (lat/long) 30°23'N X 81°24'W

Magnetic bearing to sighting 90° Estimated distance 300 yards

Species observed ? Eubalaena glacialis # of animals 1

Vessel's heading 90° Animal's heading East

Comments (visual descrip. (length, color, flukes, fin) behaviors observed, surfacing intervals, duration of observation)

Several blows observed by ships crew for over about a 10 minute period. No other observations noted. Possible sighting not confirmed by aerial survey

Sighting #2. Time \_\_\_\_\_ Vessel location (lat/long) \_\_\_\_\_ X \_\_\_\_\_

Magnetic bearing to sighting \_\_\_\_\_ Estimated distance \_\_\_\_\_

Species observed \_\_\_\_\_ # of animals \_\_\_\_\_

Vessel's heading \_\_\_\_\_ Animal's heading \_\_\_\_\_

Comments (visual descrip. (length, color, flukes, fin) behaviors observed, surfacing intervals, duration of observation)

Detailed observations and general comments (who was notified, was whale's behavior influenced by dredging activities, etc.)

Chris Slay + NOAA.gov.com notified about possible sighting of Right whale (Eubalaena glacialis) inside Mayport jetties.

Observers on Duty: Kirsten Dahlan / Capt. Shellenbach