

ENDANGERED SPECIES OBSERVER PROGRAM

Large Whale Observation Data

(Append to Daily Report)

Dredge StayvesantProject: King's Bay Entrance ChannelDate: 2/07/01Load = 2 Times: Start 0650 End 0915 Dump 1050Location: Lat/long 30°42'N 81°21'W Tide FL/SLACK/EBB Beau Sea State: 0 to 1Wind Direction: LT ELY 6-5 Speed: 1-2 KTS Cloud Cover(%): 0 low H₂O Surf. Temp 55°FSighting #1. Time 09:30 Vessel location (lat/long) 30°42.74'N X 81°19.54'WMagnetic bearing to sighting SW (195) Estimated distance 1/2 mi (as we passed)Species observed Northern Right Whale # of animals 2Vessel's heading S Animal's heading South

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

Called in by Aerial survey team. Began observing from 2 mi. ahead. Animals staying on the surface, slowly traveling. Se Calf rolling over showing flipper. Observed for 26 min. and again on return from dump site. still remaining at the surface.Sighting #2. Time 11:35 Vessel location (lat/long) 30°37.5'N X 81°12.0'WMagnetic bearing to sighting N 000 Estimated distance 2 to 2 1/2 mi S of SeaSpecies observed possible Right Whale # of animals 2-3Vessel's heading Animal's heading unknown

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

unable to be 100% positive on ID as it was 2 mi.but noticed no dorsal fin. Gave Right whale team position.Detailed observations and general comments (who was notified, was whale's behavior influenced by dredging activities, etc.) M/C right whale. Calf rolling over showing flipper. Vessel appeared to have no influence on the whale's behavior. Observed by Aerial survey team which notified vessel (approx. 4 mi. ahead). Crew helpful and cooperative helping observe as heading to dump site. On return sighted same M/C.Officers on Duty: Irene Briga

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Dredge StuyvesantProject ST. MARY'S ENTRANCE CHANNEL, HUNGS BAYDate: 2/08/01Load # 4 Times: Start 0110 End 0620 Dump 0820Location(lat/long) 30°33.64'N 81°18.04'W Tide Flood Beau Sea State: 1Wind Direction: LT AIRS Speed: 1-2 KTS. Cloud Cover(%): 80% H₂O Surf. Temp 55°FSighting #1. Time 07:25 Vessel location (lat/long) 30°39.0'N X 81°16.9'WMagnetic bearing to sighting 170 Estimated distance 2 miSpecies observed Northern Right Whale # of animals 2 (Mother/calf)Vessel's heading 186 Animal's heading NE

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

At 07:45 the M/C were 2 mi E of vessel as we were heading to dumpsite. Observed for 30 min. The animals were slowly surface traveling with low faint v slow. Able to see head and body(s). At our closest observation vessel was at 30°36.75'N 081°17.40'W.

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.)

The animal's behavior did not appear to be influenced by our vessel. Kept a watch 2 mi. ahead leaving the M/C behind as we continued course to dumpsite. The M/C keeping a low profile.

Observers on Duty: Irene Briga, Peter Westerman

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Dredge StuyvesantProject St. Mary's Entrance Channel, King's Bay Fla.Date: 2/09/01Load # 09 Times: Start 10:20 End 14:30 Dump 16:10Location(lat/long) 30°42'N 81°21'W Tide EBB Beau Sea State: 1+Wind Direction: Ely Speed: 2-3 KTS Cloud Cover(%): 80% H₂O Surf. Temp 57°FSighting #1. Time 11:18 Vessel location (lat/long) 30°42.69'N X 81°20.820'WMagnetic bearing to sighting 320 Estimated distance 1/4 mi.Species observed Northern Right Whale # of animals 1 (adult)Vessel's heading 270 Animal's heading NE

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

40-45'^① Viewed head with callosities. 1st^② v blow^③ on surface approx. 30 sec. ^④Raised flukes and dove away from vessel. The duration of the sighting was approx. 3 min.

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.) while digging in the channel the whale surfaced toward our vessel just outside the buoy marker. The mate took it out of gear (2KTS.). The whale altered course when it fluked and dove away from vessel. Viewed the head for approx. 40 sec. After fluking viewed the whale 1 more time.

Crew very helpful and cooperative.

Observers on Duty: Irene Briga, Peter Westerman

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Dredge StuyvesantProject St. Mary's Entrance Channel / King's BayDate: 2/15/01Load # 24Times: Start 12:00 End 17:00 Dump 18:50Location(lat/long) 30°42'N 081°22'W Tide Flood - SLACK - EBB Beau Sea State: 2Wind Direction: ESE Speed: 58 KTS Cloud Cover(%): 65% H₂O Surf. Temp 60°FSighting #1. Time 17:45 Vessel location (lat/long) 30°41.43' N X 81°16.41'WMagnetic bearing to sighting 195 Estimated distance 1/8 mi.Species observed Northern Right Whale (Eubalaena glacialis) # of animals 2 (M/C)Vessel's heading 185 Animal's heading WEST

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

observed the dark body about 1/4 of a mile. as we got closer saw the head/bodies of lg. and small. Blows. appeared to be staying in the same place or very slow surface traveling. 1 fluke. surfaced every minute, low blows. Observed for 7 minutes.

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 and Coast Guard were notified. The whale's behavior did not appear to be influenced by our vessel. M/C continued to remain on surface in the same direction and did not change behavior... Our vessel slowed down to 4Kts. Slow Bell will be observed.

vessel

Observers on Duty: Irene Briga, Bette Morrison