

Dredge B. E. Lindholm

Project Port Aransas, TX

**DAILY REPORT**

Date: 6 / 11 / 99

Loads: 1 - 9

Area(s) Worked (Stations & Lat/long): Stations 34°<sup>100</sup>' N 95°<sup>50'</sup> W

Weather Conditions (air temp, wind dir & spd, beau, ): Airtemp to 90°F, SSE Wind 10-20 kts, Beaufort 3-5

Range of H<sub>2</sub>O Temperature (C): Surface 74°F Below Mid-Depth 76°F

Condition of all screening apparatus: All apparatus in good condition

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

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

Observers on board at 0830 hrs.

Dredging begins at 1000 hrs.

Material dredged was light sand with some clay.

Biological samples included skates

Some abiotic debris also observed in screening

There were no incidents

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
JT.	<u>Seen throughout</u>	<u>the day throughout dredging area</u>	

Observers On Duty: Raharduc, Brown

Dredge B.F. Lindholm

Project Port Aransas, TX

**DAILY REPORT**

Date: 6 / 12 / 99

Loads: 10 - 23

Area(s) Worked (Stations & Lat/Long): Stations 3400<sup>to</sup> - 5000<sup>to</sup>

Weather Conditions (air temp, wind dir & spd, beau, ): SE winds 10-20 kts, Seas 3-6 ft.

Range of H<sub>2</sub>O Temperature (C): Surface 28°C Below Mid-Depth 28°C

Condition of all screening apparatus: All apparatus is in good condition

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

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

Dredged material is fine sand with some clay.

Biological samples included, skates, rays, eel, catfish and blue crab

Also retained by screening were clay balls and other assorted abiotic debris.

There were no incidents

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>Throughout dig area during daylight hours, observed behaviors</u>		
	<u>included bow riding</u>		

Observers On Duty: Bahceler, Brown

Dredge B.E. Linzehelm

Project Port Aransas, TX

DAILY REPORT

Date: 6/13/99

Loads: 23 - 43

Area(s) Worked (Stations & Lat/Long): Stations 34°00' - 50°00' and 80°00' - 120°00'

Weather Conditions (air temp, wind dir & spd, beau, ): Wind 8-20 kts SSE, Seas 2-5', Overcast

Range of H<sub>2</sub>O Temperature (C): Surface 28-29°C Below Mid-Depth 28-29°C

Condition of all screening apparatus: All apparatus is in good condition

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

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

Dredged material is sandy silt

Biological specimens were skates, rays, catfish, eel, bluecrabs, and an old piece of placental bone, sea grass and flatfish

Abitotic samples included trash

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TE	<u>Seen throughout</u>	<u>dredge area</u>	

Observers On Duty: Bahadur, Brown

Dredge B.E. LindholmProject Port Aransas, TexasWEEKLY SUMMARYDates: 6/11/99 - 6/13/99 Loads: 1 - 43Range of H<sub>2</sub>O Temperature (C): Surface 74° F Below Mid-Depth 76° FArea(s) Worked (Stations, Lat/Long): STA 34° 10' N → 50° 10' N AND 80° 10' W → 120° 10' WAre there incidents involving endangered or protected species? Yes        No X

Comments (incidents, condition of screening, predominant biological samples, dredge material, etc):

DREDGED MATERIAL RANGED FROM LIGHT SAND AND CLAY TO A MUDDY SILT.BIOLOGICAL SAMPLES INCLUDE BLUE CRABS, CATFISH, CUSK EEL, EELS, SKATES, AND UNIDENTIFIED FISH, AS WELL AS SEA GRASS. \*ABIOTIC MATERIALS INCLUDE CLAY BALLS + HUMAN GENERATED DEBRISNO INCIDENTS\* AN OLD PIECE OF PLASTRON (TURTLE SHELL) WAS FOUND IN AFT SCREEN.  
DEFINATELY NOT FRESH.Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>seen throughout the dig</u>	<u>area frequently</u>	

Observers On Duty: Brown/Bahadur

Dredge B.E. Lindholm

Project Port Aransas, Texas

DAILY REPORT

Date: 6 / 14 / 99

Loads: 44 - 71

Area(s) Worked (Stations & Lat/long): Stations 80°<sup>100</sup> - 120°<sup>100</sup> and 120°<sup>100</sup> - 160°<sup>100</sup>

Weather Conditions (air temp, wind dir & spd, beau, ): Air temp 70/92°F, Wind SE becoming N, Partly Cloudy

Range of H<sub>2</sub>O Temperature (C): Surface 28°C Below Mid-Depth 28°C

Condition of all screening apparatus: All apparatus is in good condition

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

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

Material dredged is silty sand.

Biological samples consisted of blue crabs, clupeid fish, skates, rays, juvenile drum, eels, sharks, catfish and seagrass. Seagrass is causing screens to be periodically clogged.

Also noted in screens was assorted trash.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	<u>Continuous</u>	<u>sightings throughout dig area.</u>	

Observers On Duty: Babakur, Brown

Dredge B.E. Lindholm

Project Port Aransas, TX

DAILY REPORT

Date: 6 / 15 / 99 Loads: 72 - 101

Area(s) Worked (Stations & Lat/long): Stations 80°<sup>00'</sup> - 120°<sup>00'</sup> and 120°<sup>00'</sup> - 160°<sup>00'</sup>

Weather Conditions (air temp, wind dir & spd, beau, ): Air 70/92°F, Light N. NW wind, Seas Beaufort 1-2

Range of H<sub>2</sub>O Temperature (C): Surface 28°C Below Mid-Depth 28°C

Condition of all screening apparatus: All apparatus is in excellent condition

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

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

Material dredged was sandy silt.

Biological samples were eels, catfish, blue crabs, croaker, grass, sharks, rajiform fish, whelks, sharks and fragmental bimellibranch and gastropod shells.

Also noted in tender screens was assorted trash.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Turtle	3-17 individuals	seen throughout	daylight hours

Observers On Duty: Bahadur, Brown

Dredge B.E LINDHOLMProject PORT ARANSAS, TXDAILY REPORTDate: 6 / 16 / 99 Loads: 102 - 134Area(s) Worked (Stations & Lat/long): Stations 80° - 120° and 120° - 160°Weather Conditions (air temp, wind dir & spd, beau, ): 72/87 Air temp, Wind light becoming SW 5-8 kts, Bear Grt 1-3Range of H<sub>2</sub>O Temperature (C): Surface 28 - 29 Below Mid-Depth 28Condition of all screening apparatus: All apparatus is in excellent conditionAre there incidents involving endangered or protected species? Yes        No X

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

Material dredged was silty sand.Biological specimens included blue crabs, whelks, sea grass, clams, catfish, decaying plastral bone, eels, cooter and flounder.Assorted trash also observed in screens.There were no incidents.Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	<u>Seen throughout</u>	<u>daylight hours in the vicinity of the channel and dredge</u>	

Observers On Duty: Bahadur, Brewster

Dredge B.E LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

Date: 6/17/99

Loads: 135 to 159

Area(s) Worked (Stations & Lat/Long): Stations 80°<sup>100</sup> - 120°<sup>100</sup> and 120°<sup>100</sup> - 180°<sup>100</sup>

Weather Conditions (air temp, wind dir & spd, beau, ): 72/87°F, Calm Wind → ENE 20 kts, Seas Beaufort 1 → 4

Range of H<sub>2</sub>O Temperature (C): Surface 28-29 Below Mid-Depth 28

Condition of all screening apparatus: All apparatus is in excellent condition

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

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

Dredged material was very fine sand and silt.

Biological specimens retained in screening included eels, blue crab, stone crab, shrimp, clupeid fish, skate sea grass, whelks, mantis shrimp, penaeid shrimp and fragmented gastropod and lamellibranch shells.

Abrupt samples consisted of assorted debris including rags, plastic, discarded fishing gear and scrap metal.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T truncatus</u>	<u>Continuous sightings throughout daylight hours with one group of about 4±1 individuals displaying prolonged and energetic breaching and tail skipping</u>		

Observers On Duty: Brown, Behadur

Dredge B.E LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

Date: 6/18/99

Loads: 160 - 181

Area(s) Worked (Stations & Lat/Long): Stations 30°<sup>100</sup> - 120°<sup>100</sup> and 120°<sup>100</sup> - 160°<sup>100</sup>

Weather Conditions (air temp, wind dir & spd, beau, ): 72/37°F, ENE Wind → EV wind 15-20 knts, Seas Beaufort 2-4

Range of H<sub>2</sub>O Temperature (C): Surface 27.5 - 28 Below Mid-Depth 28

Condition of all screening apparatus: All apparatus is in excellent condition

Are there incidents involving endangered or protected species? Yes X No \_\_\_\_\_

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

Material dredged was fine sand and silt.

Biological samples included bluecrabs, grass, whelks, shrimp, juvenile drum, lutjanich fish, clams and other fragmented molluscan shells

The head of a freshly dead loggerhead sea turtle Caretta caretta was found in the off inflow screening during load #176. See attached incident report for details.

Clay and debris also observed in screening.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T truncatus</u>	<u>Seen during daylight hours in and in the vicinity of the dredge area.</u>		<u>area.</u>

Observers On Duty: Bahadur, Brown

Dredge B.E LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

Date: 6/19/99

Loads: 182 - 204

Area(s) Worked (Stations & Lat/long): Stations 80°<sup>00'</sup> - 120°<sup>00'</sup> and 120°<sup>00'</sup> - 160°<sup>00'</sup>

Weather Conditions (air temp, wind dir & spd, beau, ): 72/90°F, Wind becoming ESE 25 kts, Seas → Beaufort 4, 5.

Range of H<sub>2</sub>O Temperature (C): Surface 29.5 Below Mid-Depth 29 - 29.5

Condition of all screening apparatus: Excellent

Are there incidents involving endangered or protected species? Yes X No \_\_\_\_\_

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

Dredged material was fine sand and silt.

Biological samples included shrimp, flatfish, clupeid fish, eels, blue crabs, catfish and sea grass.

Parts of the plastron, carapace and viscera as well as a hind flipper of a loggerhead sea turtle were found in aft inflow screening. 17 hrs. previously the head of a fresh killed loggerhead was found in screening. The most recent turtle parts could have been from the same animal. The remains did seem very fresh with no odor and some blood still present. See attached incident report.

Some abiotic debris also retained by screens.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T truncatus</u>	<u>Throughout the day.</u>	<u>Fewer sightings may in part be due to heavy seas and poorer sighting conditions.</u>	

Observers On Duty: B. hadur, Brown

Dredge B.E LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

Date: 6/20/99

Loads: 205 - 231

Area(s) Worked (Stations & Lat/long): Stations 80°<sup>100</sup> - 120°<sup>100</sup> and 120°<sup>100</sup> - 160°<sup>100</sup>

Weather Conditions (air temp, wind dir & spd, beau, ): 72/84°F ESE wind 10-25 kts, RAIN, Seas Beaufort 4-6

Range of H<sub>2</sub>O Temperature (C): Surface 28-29.5 Below Mid-Depth 28-29.5

Condition of all screening apparatus: All apparatus is in excellent condition

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

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

Dredged material is silt and fine sand.

Biological samples retained in screening were shrimp, blue crab, eels, clypeid fish, flatfish croaker, grass and bivalve and gastropod shell fragments.

Abiotic debris such as rags, bags and discarded fishing gear also retained in screening.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>Seen throughout</u>	<u>Daylight hours</u>	<u>in dredge areas.</u>

Observers On Duty: Bhadur, Brown

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge B.F. LINDHOLM

Project PORT ARANSAS, TX

**WEEKLY SUMMARY**

Dates: 6/14/99 - 6/20/99 Loads: 44 - 231  
Range of H<sub>2</sub>O Temperature (C): Surface 28-29.5°C Below Mid-Depth 28-29.5°C  
Area(s) Worked (Stations, Lat/Long): STA. 80° 120' and 120° 160'

Are there incidents involving endangered or protected species? Yes  No \_\_\_\_\_

Comments (incidents, condition of screening, predominant biological samples, dredge material, etc):  
DREDGED material is fine sand and muddy silt. FREQUENT biological samples include: blue crabs, eels, catfish, CROAKER, flounder, stone crab, whelk, crushed bi-valve shell, MANTIS shrimp, gulf shrimp, and sea grass and SARGASSUM WEED. Abiotic samples consist of mostly human generated debris.

Load #176: head of a freshly killed Loggerhead (*Caretta caretta*)

Load #193: sections of plastron with right rear flipper, and sections of carapace of a Loggerhead (*Caretta caretta*) found in screening. Appearance: VERY FRESH.

These loads were approximately 17 hours apart, digging was in same area. Head and body size APPROXIMATELY similar, could be the same turtle. At the same time, the fresh appearance of the body parts suggest it may have been another turtle.

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<i>Tursiops truncatus</i> -	Very frequent sightings, all hours of daylight, NEAR AND IN CUT AREA AND DUMP.		

Observers On Duty: FOLY BAHAOUR and ANDREW BROWN

Dredge B.E. LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

6/21/99

Loads: 232 - 255

Worked (Stations & Lat/long): Stations 80°00' - 210°00'

Weather Conditions (air temp, wind dir & spd, beau, ): 72/84°F Wind ENE 10-25 kts Seas Beaufort 2-3

Range of H<sub>2</sub>O Temperature (C): Surface 28 - 29 Below Mid-Depth 28

Condition of all screening apparatus: All apparatus is in excellent condition

Any incidents involving endangered or protected species? Yes        No X

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

Material being dredged is fine sand and silt

Biological samples included flatfish, catfish, clupeid fish, grass, whelks

Fragmented molluscan shells and blue crabs.

Abiotic samples consisted of assorted debris.

There were no incidents

Bridge Watch Summary

Species

# of Sightings

# of Animals

Comments

T. truncatus

Animals seen

throughout daylight hours. One group of 4+1 animals displaying acrobatic breaching, tail slapping and spy hopping at ~1200 hrs.

Observers On Duty: Brown, Bahadur

Dredge B.F. LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

12/22/99

Loads: 256 - 275

Worked (Stations & Lat/long): Stations 34°00' - 21°00'

Weather Conditions (air temp, wind dir & spd, beau, ): 70/87, SE winds 16-30 kts, Beaufort Scale

Range of H<sub>2</sub>O Temperature (C): Surface 28 Below Mid-Depth 28

Condition of all screening apparatus: All apparatus is in excellent condition

Were there incidents involving endangered or protected species? Yes        No X

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

Material dredged ranged from coarse sand to silt.

Biological samples consisted of molluscan shells, catfish, shrimp, blue crabs, sea grass.

Assorted abiotic debris also seen in screening.

There were no incidents

Bridge Watch Summary

Species

# of Sightings

# of Animals

Comments

Seen as before throughout daylight hours in channel and  
dug areas. Fewer sightings in rough conditions.

Observers On Duty: Rahadur, Brown

Dredge B.E LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

6/23/99

Loads: 276 - 297

Worked (Stations & Lat/Long): Stations 120°<sup>E</sup> - 160°<sup>E</sup>

Weather Conditions (air temp, wind dir & spd, beau, ): 83/74°F, SSW wind 12-30 kts., Seas 3-5' Swell

Range of H<sub>2</sub>O Temperature (C): Surface 28°C Below Mid-Depth 28°C

Condition of all screening apparatus: All apparatus is in excellent condition.

Were there incidents involving endangered or protected species? Yes        No X

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

Dredged material was sand and silt.

Biological samples included, shrimp, croaker, garfish, bluecrabs, grass, whelks and limpet, lamellibranch and gastropod shells.

Some abiotic debris also observed in screens.

There were no incidents.

Bridge Watch Summary

Species

# of Sightings

# of Animals

Comments

T. truncatus

Seen throughout the day in and around dredge area with repeated breaching close to dredge displayed by one animal

Observers On Duty: Buhadur, Brown

Dredge B.E LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

6/24/99

Loads: 298 - 323

Worked (Stations & Lat/long): 120°<sup>100</sup> - 160°<sup>100</sup> and 160°<sup>100</sup> - 210°<sup>100</sup>

Other Conditions (air temp, wind dir & spd, beau, ): SF Wind to 25 kts, Beaufort 5,6, Air temp 74/92

Range of H<sub>2</sub>O Temperature (C): Surface 28 Below Mid-Depth 28

Condition of all screening apparatus: All apparatus is in excellent condition

Were incidents involving endangered or protected species? Yes        No X

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

Material dredged was sand and silt.

Biological specimens included seagrass, blue crabs, clupeid fish, burrowing amphipods, whelks and bivalve shell fragments.

Abiotic debris also observed in screening.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>B</u>	<u>0</u>	<u>0</u>	<u>Maybe due to rough seas and poor sighting conditions.</u>

Observers On Duty: BROWN, BAHADUR

Dredge B.E LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

6/25/99

Loads: 324 - 347

Station(s) Worked (Stations & Lat/Long): Stations 120<sup>100</sup> - 210<sup>100</sup>

Weather Conditions (air temp, wind dir & spd, beau, ): 74/88°F, SSE wind 15-30 kts, Seas Beaufort 5-6

Range of H<sub>2</sub>O Temperature (C): Surface 28-29.5 Below Mid-Depth 28-29.5

Condition of all screening apparatus: All apparatus is in excellent condition

Any other incidents involving endangered or protected species? Yes        No X

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

Material dredged was sand, silt and mud.

Biological specimens included blue crabs, gulf fish, clupeid fish, croaker, grass, whelks and fragmented molluscan shells.

Some abiotic debris also observed in screening.

There were no incidents

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
---------	----------------	--------------	----------

NO SIGHTINGS - Rough Sea conditions continue.

Observers On Duty: Bahadur, Brown

Dredge B.E LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

6/26/99

Loads: 348 - 372

Worked (Stations & Lat/Long): Stations 120°00' - 210°00'

Weather Conditions (air temp, wind dir & spd, beau, ): 72/91°F, Wind SSE 10-30kts, Seas Beaufort 5-6

Range of H<sub>2</sub>O Temperature (C): Surface 28 Below Mid-Depth 28

Condition of all screening apparatus: All apparatus is in excellent condition

Were incidents involving endangered or protected species? Yes        No X

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

Material being dredged was sand and silt.

Biological specimens retained in inflow screening were blue crabs, garfish, whelks, grass, and bivalve shells.

Abiotic debris also noted in screens.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NO SIGHTINGS			

Observers On Duty: Rahadur, Brown

Dredge B.E. LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

6/27/99

Loads: 373 - 388

Worked (Stations & Lat/long): Stations  $120^{\circ}00'$  -  $210^{\circ}00'$

Other Conditions (air temp, wind dir & spd, beau, ): SE Winds 20kts, Seas 4-7', 72/91°F

Range of H<sub>2</sub>O Temperature (C): Surface 28 Below Mid-Depth 28

Condition of all screening apparatus: All apparatus is in excellent condition

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

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

Material dredged was sand and silt.

Biological specimens included clupeid fish, whelles, garfish, croaker, blue crabs, star shell, sea grass and skate.

Abitotic debris also retained by screening.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No SIGHTINGS	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Behadur, Brown

## ENDANGERED SPECIES OBSERVER PROGRAM

Dredge B.F. LINDHOLMProject PORT ARANSAS, TEXASWEEKLY SUMMARYDates: 6/21/99 - 6/27/99 Loads: 232 - 388Range of H<sub>2</sub>O Temperature (C): Surface 28 - 29.5 Below Mid-Depth 28 - 29.5Area(s) Worked (Stations, Lat/Long): Stations 34°00' - 210°00'Are there incidents involving endangered or protected species? Yes        No X

Comments (incidents, condition of screening, predominant biological samples, dredge material, etc): \_\_\_\_\_

DREDGED MATERIAL RANGES FROM SAND TO SILT TO MUD.  
 BIOTIC SAMPLES INCLUDE: BLUE CRABS, FLATFISH, CROAKER, CATFISH, EELS,  
 CUSK EELS, WHELKs, DUPEID FISH, SHRIMP, GARLISH, BURROWING WORMS, SKATE,  
 SEA GRASS, SARGASSUM SEAWEED, AND BROKEN & CRUSHED BIVALVE & MOLLUSKS.  
 ABIOTIC SAMPLES CONSIST MOSTLY OF HUMAN GENERATED DEBRIS.

ALL INFLOW AREAS CHECKED AND MONITORED EVERY LOAD.

NO INCIDENTS!

## Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	-	-	<u>CONTINUALLY IN SIGHT DURING MOST OF DAYLIGHT HOURS, IN DIG AREA AND AROUND DREDGE, MUCH ACROBATIC ACTIVITY INCLUDING BOW-RIDING, BREACHING, SPY HOPPING, TAIL SLAPPING AND HEAD SLAPPING.</u>

Observers On Duty: BAHAJUR, BROWN

Dredge B.E LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

6/28/99

Loads: 389 - 402

(1) Worked (Stations & Lat/Long): Stations 120°<sup>100</sup> - 210°<sup>100</sup>

Weather Conditions (air temp, wind dir & spd, beau, ): 72/89°F, SSE and SE Wind 15-25 kts, Beaufort 5

Range of H<sub>2</sub>O Temperature (C): Surface 28 Below Mid-Depth 28

Condition of all screening apparatus: All apparatus is in excellent condition

Were there incidents involving endangered or protected species? Yes        No X

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

Material dredged was sand and silt.

Biological samples included, garfish, catfish, whelks, flounder, blue crab, clupeids and Sargassum. Screens being clogged with Sargassum.

Abiotic debris consisting of assorted trash was also noted in screens.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NO SIGHTINGS			

Observers On Duty: Bahadur, Brown

Dredge B.E. LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

Aug 30, 99

Loads: 419 - 426

Worked (Stations & Lat/long): 120+00 TO 160+00

Weather Conditions (air temp, wind dir & spd, beau, ): SE 10-15 KTS, BEACH FORTY, PARTLY CLOUDY

Range of H<sub>2</sub>O Temperature (C): Surface 28° Below Mid-Depth 28°

Condition of all screening apparatus: VERY GOOD

Any other incidents involving endangered or protected species? Yes X No \_\_\_\_\_

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

MATERIAL DREDGED IS SAND & SILT.

BIOLOGICAL SPECIMENS: SHRIMP, BLUE CRABS, SHARK, OYSTERS, MOLLUSKS, WHELKS, AND SARGASSUM. SCREENS CLOGGED WITH SARGASSUM. ABIOCIC MATERIAL IS MOSTLY TRASH.

IN LOAD # 421 AN INCIDENTAL TAKE OF A LOGGERHEAD SEA TURTLE (CARETTA CARETTA) OCCURRED. THE RIGHT REAR FLIPPER, WITH SKIN, A PORTION OF THE PLASTRON, AND VISCERA INCLUDING ESOPHAGUS, WERE FOUND IN THE PORT DRAGHEAD. THE ABSENCE OF ANY ODOR OR DECOMPOSITION INDICATES A FRESH TAKE. INCIDENT REPORTS FAXED TO NMFS, JACQUE AND CHRIS SLAY OF COASTWISE CONSULTING.

OBSERVER PAGE REPLACED OBSERVER Brown @ 0600H

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: HEATHER PAIGE, RORY BAHADUR

Dredge B.E LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

Date 7/11/99

Loads: 427 - 437

(s) Worked (Stations & Lat/Long): S19°50'00" N 95°00'00" W

Weather Conditions (air temp, wind dir & spd, beau.): Partly Cloudy, SE 10-15 KTS, BCU

Range of H<sub>2</sub>O Temperature (C): Surface 27°-29° C Below Mid-Depth 27°-29° C

Condition of all screening apparatus: GOOD

Were there incidents involving endangered or protected species? Yes        No X

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

MATERIAL DREDGED IS SAND & SILT.

BIOLOGICAL SPECIMENS: EEL, BLENNY & SARGASSUM

ABIOTIC: TRASH (PLASTIC & FISHING-GEAR)

SCREENS CLOGGED WITH BIOTIC & ABIOTIC MATERIAL.

THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: HEATHER PAIGE, RORY BAHADUR

## **ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge B.E LINDHOLM

Project PORT ARANSAS, TX

## DAILY REPORT

12, 99

Loads: 438 - 451

Worked (Stations & Lat/long): -210 +00 70 -120 +00

Conditions (air temp, wind dir & spd, beau, ): WIND SE 10-20 KTS, SKIES 4-6'

Range of H<sub>2</sub>O Temperature (C): Surface 27.5° - 28°C Below Mid-Depth 27.5° - 28°C

Condition of all screening apparatus: GOOD

Has there been incidents involving endangered or protected species? Yes \_\_\_\_\_

No

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

MATERIAL DREDGED IS SAND & SILT.

~~BIOLOGICAL SPECIMENS~~ — ONLY SARGASSUM.

~~STILL PICKING UP LOTS OF TRASH.~~

~~THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES~~

Observers On Duty: HEATHER PAIGE, RORY BAHADUR

Dredge B.E LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

13/99

Loads: 452 - 463

Worked (Stations & Lat/long): Stations 34°00' - 160°00'

Weather Conditions (air temp, wind dir & spd, beau, ): ISF Wind 10-25 kts, Seas 4-12 ft, Overcast

Range of H<sub>2</sub>O Temperature (C): Surface 27-28 Below Mid-Depth 27-28.5

Condition of all screening apparatus: Good

Incidents involving endangered or protected species? Yes        No X

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

Material dredged was sand and silt

Biological samples were skate, blue crabs, Sargassum, and  
various shell fragments.

Abiotic debris also seen in screens.

There were no incidents!

Dredging ceased after load #463 due to rough weather.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NO SIGHTINGS			

Observers On Duty: BAHAOUL, PAIGE

## ENDANGERED SPECIES OBSERVER PROGRAM

Dredge B.E LINDHOLMProject PORT ARANSAS, TXDAILY REPORT7/14/99Loads: 464 - 470Worked (Stations & Lat/long): -210+00 TO -160+00Weather Conditions (air temp, wind dir & spd, beau, ): OVERTCAST, SE 5-10KTS, 4-5' SWELLRange of H<sub>2</sub>O Temperature (C): Surface 28°-29° Below Mid-Depth 28°-29°Condition of all screening apparatus: GOODWere there incidents involving endangered or protected species? Yes        No X

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

MATERIAL DREDGED IS SAND & SILT.THERE ARE NO BIOLOGICAL SPECIMENS.ABIOTIC MATERIAL - SMALL AMOUNT OF TRASHTHERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIESBridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty:

HEATHER PAIGE, RORY BAHADUR

Dredge B.E. LINDHOLMProject PORT ARANSAS, TEXASWEEKLY SUMMARY

128/99 - 7/4/99 Loads: 389 - 470

of H<sub>2</sub>O Temperature (C): Surface 27-29 Below Mid-Depth 27-29(a) Worked (Stations, Lat/Long): Stations 34°00' - 210°00'Are there incidents involving endangered or protected species? Yes X No \_\_\_\_\_

Incidents (incidents, condition of screening, predominant biological samples, dredge material, etc):

128/21 An incidental take of a loggerhead sea turtle occurred. A female was found dead. The right rear flipper, skin and part of pectoral and attached muscle were removed. The esophagus and gills were found as cullined in attached incident report. Other samples (other than above) included garfish, catfish, sheepshead, blue crab, sand dollars, pen shells, shrimp, sharks, oyster shells, pen shells, skate, sand dollars, various fragments of unidentified cephalopod and bivalve shell debris, eels and other similar debris retained by screens was mostly trash, clay and assorted pieces of recreational and commercial fishing gear.

Heavy build up of Sargassum in screening resulted in clogging in the corner of the week mostly between Sections 1 and 2.

Dredging operations ceased twice due to inclement weather.  
Details of Turtle take were faxed out on 6/30/99

replaced observer Brown at 000 hrs on 6/30/99

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>SIGHTINGS</u>			

On Duty: Bhadur, Brown, Paine

Dredge B.E LINDHOLM

Project PORT ARANSAS, TX

DAILY REPORT

15/99

Loads: 471 - 484

Worked (Stations & Lat/long): -210+00 to -160+00

Conditions (air temp, wind dir & spd, beau, ): VAR., WIND SSE 5-20KTS, 2-6' SWELL

Temp of H<sub>2</sub>O Temperature (C): Surface 28°-29° C Below Mid-Depth 28°-29° C

Condition of all screening apparatus: GOOD

Incidents involving endangered or protected species? Yes        No X

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

MATERIAL DREDGED IS SAND & SILT.

THERE WERE NO BIOLOGICAL SPECIMENS.

ABIOTIC MATERIAL: SMALL AMOUNT OF TRASH & WOOD.

THERE WERE NO INCIDENTS INVOLVING ENDANGERED SPECIES.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
IT+	1	6-8	ROLLING IN CHANNEL

Observers On Duty:

HEATHER PAGE, RORY BHADUR

Dredge B.E. LINDHOLMProject PORT ARANSAS, TXDAILY REPORT6/6/99

Loads:

(1) Worked (Stations & Lat/long): -21° 40' TO -10° 40'Weather Conditions (air temp, wind dir & spd, beau.): CLEAR, SE 5-15 KTS, 1-4' S EAS.Temp of H<sub>2</sub>O Temperature (C): Surface 29.5°-30° C Below Mid-Depth 29.5°-30° CCondition of all screening apparatus: (G.E.D.)Were there incidents involving endangered or protected species? Yes        No X

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

MATERIAL DREDGED IS SAND & SILT.BIOLOGICAL SPECIMENS, RAY, BLUE CRAB, CLAMS, FISH, FLounder, EEL, & SARGASSUM.ABIOOTA: TRASHTHERE WERE NO INCIDENTS.Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: HEATHER PAIGE, RORY BAHADUR

## ENDANGERED SPECIES OBSERVER PROGRAM

Dredge B.E. LINDHOLMProject PORT ARANSAS, TXDAILY REPORT7/19/91Loads: 507 - 524(a) Worked (Stations & Lat/long): -160+00 -70 -100+00Weather Conditions (air temp, wind dir & spd, beau, ): VARIABLETemp of H<sub>2</sub>O Temperature (C): Surface 29° - 29.5°C Below Mid-Depth 29° - 29.5°Condition of all screening apparatus: GOODWere incidents involving endangered or protected species? Yes        No X

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

MATERIAL DREDGED IS SILT & SAND.BIOLOGICAL SPECIMENS: PEN SHELLS, COCKLES  
BUTTERFLY RAY, FLOUNDER & EELS. BOTTLENOSE  
DOLPHINS WITH SARGASSUM AFTER EACH LOAD.ABIOTA - TRASHTHERE WERE NO INCIDENTS.Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: HEATHER PAIGE, RORY BAHADUR

## ENDANGERED SPECIES OBSERVER PROGRAM

Dredge B.E. LINDHOLMProject PORT ARANSAS, TXDAILY REPORT

7/18, 99

Loads: 0525-547Worked (Stations & Lat/Long): 34+00 - 50+00 & -100+00 TO -210+00Weather Conditions (air temp, wind dir & spd, beau, ): Partly Cloudy, SE 5 KTS, SCASCARange of H<sub>2</sub>O Temperature (C): Surface 29°C Below Mid-Depth 29°CCondition of all screening apparatus: GOODWere incidents involving endangered or protected species? Yes \_\_\_\_\_ No X

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

MATERIAL DREDGED IS SAND & SILT.BIOLOGICAL SPECIMENS: PEN SHELLS, BLUE CLAB, EEL, SARGASSUMABIDTA: TRABITTHERE WERE NO INCIDENTS.Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: HEATHER PAIGE, RORY BHADUR

## ENDANGERED SPECIES OBSERVER PROGRAM

Dredge B.E LINDHOLMProject PORT ARANSAS, TXDAILY REPORTDate: 1/17/99 Loads: 548 - 570Worked (Stations & Lat/Long): STNS 36+00' N - 90-20-100' WWeather Conditions (air temp, wind dir & spd, beau, ): PARTLY CLOUDY, SSE 10-23KTS, 52°FTemp of H<sub>2</sub>O Temperature (C): Surface 28°-29° Below Mid-Depth 28°-29°CCondition of all screening apparatus: GOODWere incidents involving endangered or protected species? Yes        No X

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

MATERIAL DREDGED IS SAND & SILT.THERE WERE NO BIOLOGICAL SPECIMENS.ABIOTA: TRASH, FISHING GEAR.THERE WERE NO INCIDENTS.Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T+	NUMEROUS	± 20	IN NEAR CHANNEL

Observers On Duty:

HEATHER PAIGE, RORY BANISTER

## ENDANGERED SPECIES OBSERVER PROGRAM

Dredge B E LINDHOLMProject PORT ARANSAS, TXDAILY REPORT10/10/99Loads: 571 - 594Worked: (Stations & Lat/Long): STATIONS 36+00 TO -210+00Conditions (air temp, wind dir & spd, beau, ): OVERCAST, SE 5-15 KTS, 4-6' SWELLof H<sub>2</sub>O Temperature (C): Surface 29° C Below Mid-Depth 29° CCondition of all screening apparatus: GOODWere incidents involving endangered or protected species? Yes        No X

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

MATERIAL DREDGED IS SAND & SILT WITH SOME CLAY.BIOLOGICAL SPECIMENS: STING RAY, CATFISH, SHRIMP, CUTLASS FISH, SARGASSUM.ABIOITC MATERIAL: TRASH & FISHING GEARTHERE WERE NO INCIDENTS.Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>+</u>	<u>numerous</u>	<u>± 15</u>	<u>MOST SEEN IN JETTYS</u>

Observers On Duty: HEATHER PAIGE, RORY BAHADUR

## ENDANGERED SPECIES OBSERVER PROGRAM

Dredge B.E. LINDHOLMProject PORT ARANSAS, TXDAILY REPORT7/11/99Loads: 595 - 601Worked (Stations & Lat/long): STATIONS 36+00 TO -210+00Weather Conditions (air temp, wind dir & spd, beau, ): OVERCAST, SE 10-15 KTS, 25Temp of H<sub>2</sub>O Temperature (C): Surface 28°-29.5°C Below Mid-Depth 29°CCondition of all screening apparatus: GOODWere there incidents involving endangered or protected species? Yes        No X

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

MATERIAL DREDGED IS SAND & SILT WITH  
SOME CLAY.BIOLOGICAL SPECIMENS: NONEABIOCIC MATERIAL: TRASH, FISHING GEARTHERE WERE NO INCIDENTS.OBSERVERS OFF DREDGE AT 1200 HRSBridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>TT</u>	<u>1</u>	<u>+3</u>	<u>in channel</u>

Observers On Duty:

HEATHER PAIGE, RORY BANKS