

Dredge: M/V BAYPORT

Project: FREEMONT HARBOR

**WEEKLY SUMMARY**

Dates: 0811103 - 08117103 Load Numbers: 1 - 73

Areas Worked: (Geographic Names, Lat /Long, Stations): 28°55.155'N, 95°16.762'W  
- 28°54.747'N, 95°16.762'W

Range of H2O Surface Temperature (centigrade): 82.84°F

Condition/Effectiveness of Screening and Deflectors: good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material, by-catch species/abundance, turtle/whale sightings from the bridge, etc):

Operations temporarily suspended to remove half of screen covering the aft weir (skimmer). There was too much plastic gathering on the screen. (8/12/03) Headed to Galveston, TX to wait out the storm Erika.

**Bridge Watch Summary of Turtle and Large Whale Sightings**

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>16</u>	<u>1-22</u>	<u>Swimming around inside ship channel</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty Alicia Letwisch / Ben Rhame

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: M/V Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date 8 / 11 / 03

Loads Numbers: 1-2

Areas Worked: (Geographic Names, Lat /Long, Stations): Station: -50 to -80,  
28°55.28'N 95°16.10'W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): SW winds at 5-10 knts,  
Flat Seas, 80°F Air, Partly Cloudy

Range of H2O Surface Temperature: 83°F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):

First Day of Dredge Ops.

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Ben Rhame

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: M/V Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date 8 / 12 / 03

Loads Numbers: 3-15

Areas Worked: (Geographic Names, Lat /Long, Stations): 050+00 - 080+00

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): 5-10 KNT winds from N-SE, 0-2' seas, 80°F-92°F Air, Partly Cloudy

Range of H2O Surface Temperature: 83°F - 84°F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):

Operations suspended temp. to remove half of screen covering the weir. There was too much debris gathering on the screen.

Repairs were also made to screen on Foreward Port Discharge Pipe after an object thrown into screen caused damage during the load.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>1</u>	<u>4</u>	<u>Near Skipper Trawler</u>

Observers On Duty: Ben Rhame / Alicia Lettwich

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: M/V Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date 8 / 13 / 03

Loads Numbers: 16-30

Areas Worked: (Geographic Names, Lat /Long, Stations): Section: -50 to -80  
South End: 28°54.747'N 95°16.302'W / North End: 28°55.155'N 95°16.762'W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): NE Winds - 0-15 KNTS,  
0-2' seas, 78°-88°F Air temp, P/C to Overcast with showers

Range of H2O Surface Temperature: 82°F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):

None

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>5</u>	<u>22</u>	<u>Inside Ship Channel</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Ben Rhame / Alicia Lettich

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

## DAILY REPORT

Date 8 / 14 / 03

Loads Numbers: 31-45

Areas Worked: (Geographic Names, Lat /Long, Stations): Section: -50 to -80  
South End: 28°54.747'N, 95°16.302'W / North End: 28°55.155'N, 95°16.762'W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): NE to SE Winds @  
5-15 knts, 1-3' seas, 80°-90° F Air temp, P/C to Overcast w rain

Range of H2O Surface Temperature: 82 °F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):

None

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>3</u>	<u>14</u>	<u>In Ship Channel &amp; Dump Site</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Ben Rhame / Alicia Leftwich

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: MP Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date 08115103

Loads Numbers: 46-54

Areas Worked: (Geographic Names, Lat /Long, Stations): 28° 54.747' N, 95° 16.302' W - 28° 55.155' N, 95° 16.762' W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): NE + SE winds from 5 to 20 knots, sea 1-4', clear to partly cloudy, air temp 80-96° F

Range of H2O Surface Temperature: 82° F

Condition of Screening and Deflectors: good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):

Headed to Galveston, TX to wait out the storm Erica.

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>4</u>	<u>1-5</u>	<u>swimming in the channel.</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Alicia Lettwich

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: M/U Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date 8 / 16 / 03

Loads Numbers: 55-56

Areas Worked: (Geographic Names, Lat /Long, Stations): Section: -50 to -80  
South End: 28°54.747'N, 95°16.302'W / North End: 28°55.155'N, 95°16.762'W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): South Winds @ 5 knts,  
2'-3' seas, 85° F Air Temp, Clear

Range of H2O Surface Temperature: \_\_\_\_\_

Condition of Screening and Deflectors: Good

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

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):  
Returned to Freeport Harbor, Resuming Dredge Ops.

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Ben Rhame / Alicia Letwich

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: M/V Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date 8 / 17 / 03

Loads Numbers: 57-73

Areas Worked: (Geographic Names, Lat /Long, Stations): Section: -50 to -80  
South End: 28° 54.747'N, 95° 16.302'W / North End: 28° 55.155'N, 95° 16.762'W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): Calm to S/SW winds  
@ 5-15 KNOTS, 0-3' seas, 85°-94° F Air Temp, P/C

Range of H2O Surface Temperature: 84° F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):  
None

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>J. truncatus</u>	<u>3</u>	<u>5</u>	<u>Inside Ship Channel</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Ben Rhame / Alicia Lettich

Dredge: M/V Bayport

Project: Freeport Harbor

**WEEKLY SUMMARY**

Dates: 08 11 8 103 - 08 12 4 103 Load Numbers: 74 - 152

Areas Worked: (Geographic Names, Lat /Long, Stations): 28°05.747'N, 95°16.302'W -  
28°05.153'N, 95°16.762'W; 28°05.055'N, 95°14.666'W - 28°05.751'N, 95°13.409'W

Range of H2O Surface Temperature (centigrade): 84° - 86°F

Condition/Effectiveness of Screening and Deflectors: good

Are there incidents involving endangered or protected species? Yes        No 4

Comments (type of material, by-catch species/abundance, turtle/whale sightings from the bridge, etc):

Dredge material in mud. There has been no by-catch only  
trash-debris has been dug up.

**Bridge Watch Summary of Turtle and Large Whale Sightings**

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>34</u>	<u>5-33</u>	<u>Swimming in channel</u>

Observer(s) On Duty ALICIA LEFTWICH / BEN RHAME

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

## DAILY REPORT

Date 8 / 18 / 03

Loads Numbers: 74-89

Areas Worked: (Geographic Names, Lat /Long, Stations): Sections: -80 to -50 to 000  
North end: 28° 55.751' N, 95° 17.409' W / South end: 28° 54.747' N, 95° 16.302' W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): Mostly calm winds,  
0-1' seas, 85°-95° F Air temp, P/C

Range of H2O Surface Temperature: 86° F

Condition of Screening and Deflectors: Good

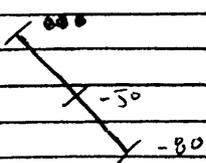
Are there incidents involving endangered or protected species? Yes        No X

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):

Loads 74-86; dredging section -80 to -50 only  
North end: 28° 55.155' N, 95° 16.762' W  
South end: 28° 54.747' N, 95° 16.302' W

Loads 87-89; dredging both sections -80 to -50 + -50 to 000

Same southern ending point at (-80)  
Northern End: 28° 55.751' N  
(000) 95° 17.409' W



### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>I. truncatus</u>	<u>4</u>	<u>7</u>	<u>Inside ship channel</u>

Observers On Duty: Bon Rhane / Alicia Leftwich

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: M/U Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date 8 / 19 / 03

Loads Numbers: 90 - 101

Areas Worked: (Geographic Names, Lat /Long, Stations): Sections: -80 to -50 / -50 to 000  
South End: 28°54.747'N, 95°16.302'W, North End: 28°55.751'N, 95°17.409'W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): Calm to S/SE winds  
2-10 KNTS, Flat to 1 seas, 80° - 102° F Air temp, P/C

Range of H2O Surface Temperature: 84° - 86° F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):  
None

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>6</u>	<u>29</u>	<u>Inside ship channel</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Ben Rhame / Alicia Lettwich

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

## DAILY REPORT

Date 8 / 20 / 03

Loads Numbers: 102 - 113

Areas Worked: (Geographic Names, Lat /Long, Stations): Sections: -80 to -50 to 000  
South End: 28° 54.747' N, 95° 16.302' W / North End: 28° 55.751' N, 95° 17.409' W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): Southern winds @  
5-10 KNTS, 0-1' seas, 85° - 98° F Air temp, P/C

Range of H2O Surface Temperature: 86° F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):

None

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>9</u>	<u>27</u>	<u>Inside ship channel</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Ben Rhame / Alicia Letwisch

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/V Bayport

Project: Freeport Harbor

## DAILY REPORT

Date 8 / 21 / 03

Loads Numbers: ~~114-124~~ 114-124

Areas Worked: (Geographic Names, Lat / Long, Stations): Sections: -80 to -50 / -50 to 000  
North end: 28°55.751'N, 95°17.409'W / South end: 28°54.747'N, 95°16.302'W, #s 114-11  
New → South end: 28°55.054'N, 95°16.665'W, #s 120-121

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): Calm winds to Southern winds  
D 5-20+ KNOTS, 0-2 seas, 85°-96° F Air temp, P/C to Overcast w squalls

Range of H2O Surface Temperature: 86° F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):

Now beginning southern end of cut farther north  
as of Load # 120

New South end: 28°55.054'N, 95°16.665'W

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>13</u>	<u>33</u>	<u>Inside slip channel</u>

Observers On Duty: Ben Rhame / Alicia Lettich

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: M/V Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date 8 / 22 / 03

Loads Numbers: 125 - 134

Areas Worked: (Geographic Names, Lat /Long, Stations): North end of cut: 28° 55.75' N, 95° 17.409' W / South end of cut: 28° 55.054' N, 95° 16.665' W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): Calm / SE / NE winds @ 10-15 KNOTS, 0-2' seas, 80°-90° F Air Temp, Clear to Overcast w rain

Range of H2O Surface Temperature: 86° F

Condition of Screening and Deflectors: Good

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

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):

None

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>2</u>	<u>5</u>	<u>Inside Ship Channel</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Ben Rhame / Alicia Lettwich

# ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: M/U Bayport

Project: Freeport Harbor

## DAILY REPORT

Date 8 123 103

Loads Numbers: 135 - 143

Areas Worked: (Geographic Names, Lat /Long, Stations): North end of cut: 28° 55.75' N, 95° 16.762' W / South end of cut: 28° 55.054' N, 95° 16.665' W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): Mostly Calm with Flat Seas, 80° - 96° F Air Temp, P/C

Range of H2O Surface Temperature: 86° F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):

None

### Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>6</u>	<u>17</u>	<u>Inside ship channel</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Ben Rhame / Alicia Letwisch

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: M/V Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date 8 124 1 03

Loads Numbers: 141 - 152

Areas Worked: (Geographic Names, Lat /Long, Stations): North end of cut: 28° 55.751' N, 95° 17.409' W / South end of cut: 28° 55.054' N, 95° 16.665' W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): Calm to SE winds @ 5-10 KNTS, Flat seas, 88° - 96° F. Air Temp, P/c to clear

Range of H2O Surface Temperature: 86° F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):

None

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Ben Rhame / Alicia Letwich

Dredge: M/V Bayport

Project: Fleetport Harbor

**WEEKLY SUMMARY**

Dates: 08/25/03 - 08/31/03 Load Numbers: 153 - 201

Areas Worked: (Geographic Names, Lat /Long, Stations): 28°54.717'N, 95°16.302'W to 28°55.751'N, 95°17.405'W

Range of H2O Surface Temperature (centigrade): 86°F

Condition/Effectiveness of Screening and Deflectors: good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material, by-catch species/abundance, turtle/whale sightings from the bridge, etc):

Dredged material: sand, silt, mud + clay

Samples: Sargassum

Many sightings at the same pod of T. truncatus in and around the dredging area.

**Bridge Watch Summary of Turtle and Large Whale Sightings**

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>many</u>	<u>2-30</u>	<u>swimming channel</u>

Observer(s) On Duty Alicia Petrich / Andrew Jackson

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: B/U Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date 8 125 1 03

Loads Numbers: 153-158

Areas Worked: (Geographic Names, Lat /Long, Stations): North end of cut: 28° 55.751'N, 95° 17.409'W / South End of cut: 28° 55.054'N, 95° 16.665'W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): Calm to SE winds @ 10 KNTS, Flat seas, 80° - 92° F Air Temp, Clear

Range of H2O Surface Temperature: 86° F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):  
None

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Ben Rhame / Alicia Leftwich

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: M/V Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date 8 / 26 / 03

Loads Numbers: 159-167

Areas Worked: (Geographic Names, Lat /Long, Stations): North end of cut: 28°55.751'N, 95°17.409'W / ~~North~~ South end of cut: 28°55.054'N, 95°16.665'W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): Calm to SE winds @ 5-10 KNTS, Flat seas, 80°F - 92°F Air Temp, Clear to Overcast

Range of H2O Surface Temperature: 86°F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):

None

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>3</u>	<u>4</u>	<u>Swimming around jettys</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: \_\_\_\_\_

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: M/V Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date 8 1 27 1 03

Loads Numbers: 168 - 176

Areas Worked: (Geographic Names, Lat /Long, Stations): North End of Cut: 28° 55.751' N, 95° 17.409' W / South end (#'s 168-172) 28° 55.057' N, 95° 16.665' W

South end (#'s 173-176) 28° 55.119' N, 95° 16.751' W  
Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): Calm to Southern winds @ 5-15 knts, Flat Sea, 88°F to 92°F Air Temp, Overcast to P/C

Range of H2O Surface Temperature: 86 °F

Condition of Screening and Deflectors: Good

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

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):  
New southern end of cut starting with load # 173  
28° 55.119' N  
95° 16.751' W

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>13</u>	<u>15</u>	<u>Swimming in Channel</u>

Observers On Duty: Ben Rhame / Alicia Lettich

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date 08 128 103

Loads Numbers: 177-185

Areas Worked: (Geographic Names, Lat/Long, Stations): 28°55.751' N 95°17.409' W  
TO 28°55.054' N 95°16.665' W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): PK, wind 10-20kts  
sea 1-3'

Range of H2O Surface Temperature: 86°F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):  
material dredged is silt + mud w/ some clay  
Samples: sea grass  
no incidents involving endangered or protected species

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>T.E.</u>	<u>many</u>	<u>5-20</u>	<u>Swimming in channel</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Andrew Jackson / Alicia Letrich

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: Bayport

Project: Freeport

**DAILY REPORT**

Date 08 / 29 / 03

Loads Numbers: 186 - 194

Areas Worked: (Geographic Names, Lat /Long, Stations):  
28° 54.747' N 95° 16.322' W to 28° 55.751' N 95° 17.409' W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): P.m/c cloudy, wind S-20 kts  
Sea 1-3'

Range of H2O Surface Temperature: 86° F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):  
Material dredged is silt & mud.  
Samples: Grass  
No incidents involving endangered or protected species.

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
<u>T.E.</u>	<u>2</u>	<u>5</u>	<u>in channel</u>

Observers On Duty: Andrew Jackson / Alicia Kefwick

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: Bayport

Project: Freeport

**DAILY REPORT**

Date 08 130 103

Loads Numbers: 195-201

Areas Worked: (Geographic Names, Lat /Long, Stations):  
28°54.747'N 95°16.302'W TO 28°55.751'N 95°17.405'W

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): Cloudy/Rainy  
wind 10-20kts, Sea 1-4'

Range of H2O Surface Temperature: 86°F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):  
Material: silt + mud + sand  
Samples: Sargassum  
No incidents involving endangered or protected species

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Andrew Jackson / Alicia Lettrich

Dredge: BAYPORT

Project: FREEPORT HRB

**WEEKLY SUMMARY**

Dates: <sup>Mon.</sup> 09/01/03 - <sup>Sun.</sup> 09/07/03 Load Numbers: 202 - 253

Areas Worked: (Geographic Names, Lat /Long, Stations): 28° 54.747' N / 95° 16.302' W TO 28° 55.751' N TO 95° 17.405' W

Range of H2O Surface Temperature (centigrade): 86°F

Condition/Effectiveness of Screening and Deflectors: FAIR, see comments

Are there incidents involving endangered or protected species? Yes  No

**Comments (type of material, by-catch species/abundance, turtle/whale sightings from the bridge, etc):**

SCREENING = ONLY USING FWD (PORT & STBD) BOXES. OVERFLOW SCREENS NOT IN USE. FWD BOXES - FRONT GATE OPENS UNDER LOAD. ~ 1' GAP. \*OVERFLOW (AFT) WIER LOWERED & IN USE BUT W/ 1/2 OF GRATE REMOVED B/C OF LG. AMT. OF DEBRIS. MATERIAL: SILTY MUD. BIOLOGICAL MATERIAL: SHELLS, SM. CRABS, FISH SP., PLANT MATTER

DEBRIS: WOOD, PLASTICS, FISHING LINES & HOOKS, METALS, CABLE, FABRIC, CARPET, ETC.

NO INCIDENTS INVOLVING ENDANGERED SP.

CARY DERINGER REPLACED A. LEFTWICH 9/4

**Bridge Watch Summary of Turtle and Large Whale Sightings**

Species	# of Sightings	# of Animals	Comments
9/3/03 <u>T. truncatus</u>	<u>1</u>	<u>5</u>	<u>0930: ship channel - swimming</u>
9/6/03 <u>"</u>	<u>1</u>	<u>2</u>	<u>0813: @ jetty entrance - "</u>

Observer(s) On Duty A. JACKSON / A. LEFTWICH / C. DERINGER

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: Bayport

Project: Freeport

**DAILY REPORT**

Date 09 101 103

Loads Numbers: 202-205

Areas Worked: (Geographic Names, Lat /Long, Stations):  
28° 54.747' n 95° 16.302' w TO 28° 55.751' n 95° 17.405' w

Weather Conditions (sea state, air temp, cloud cover, wind speed & dir.): Cloudy / Rain,  
wind 10-15 KTS, Sea 2-3'

Range of H2O Surface Temperature: 86°F

Condition of Screening and Deflectors: Good

Are there incidents involving endangered or protected species? Yes  No

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):

Material; sand, silt + mud

Sample; Sargassum

No incidents involving endangered or protected species

**Bridge Watch Summary**

Species	# of Sightings	# of Animals	Comments
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observers On Duty: Andrew Jackson / Alicia Lettrich

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date: 09 102 103 Loads: 207 - 214  
Area(s) Worked 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W  
Weather Conditions (incl. sea conditions) P/C, wind 5-10kts, Sea 1-2'  
Range of Water Temp., Surface 86°F 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.):  
Material: mud, silt + some sand  
Samples: Saltyssun  
NO incidents involving endangered or protected species.  
Trawler caught + released 1 Loggerhead @ 0557

**Bridge Watch Summary**

Species	# of Animals	Time/ Location/ Comments

Observer(s) on Duty: Andrew Jackson / Alicia Leftwich

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

DAILY REPORT

Date: 09 / 03 / 03 Loads: 215 - 222

Area(s) Worked 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W

Weather Conditions (incl. sea conditions) PK, wind calm - 10 KT, sea calm - 1'

Range of Water Temp., Surface 86°F 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.):

Material: silt, mud & some clay

Samples: grass & Sargassum

No incidents involving endangered or protected species.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>T.t.</u>	<u>5</u>	<u>0930 / in channel /</u>

Observer(s) on Duty: Andrew Jackson / Alicia Leftwich





ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

DAILY REPORT

Date: 09 / 06 / 03 Loads: 238 - 245

Area(s) Worked 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W

Weather Conditions (incl. sea conditions) P/c - Clear, wind S-10 kts, Sea 1-2'

Range of Water Temp., Surface 86° 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.):

Material: silt, sand, mud + some clay

Samples: grass + sargassum

no incidents involving endangered or protected species

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>T. G.</u>	<u>2</u>	<u>0813 / @ jetty entrance</u>

Observer(s) on Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

DAILY REPORT

Date: 09 / 07 / 03 Loads: 246-253

Area(s) Worked 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W

Weather Conditions (incl. sea conditions) PK - clear, wind 10-15 KTS, sea calm - 1'

Range of Water Temp., Surface 86° 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.):

Material; silt, mud, sand & some clay

Samples; grass & sargassum

No incidents involving endangered or protected species

Species	# of Animals	Bridge Watch Summary
		Time/ Location/ Comments

Observer(s) on Duty: Andrew Jackson / Cary Deringer

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: Bayport

Project: Freeport Harbor

WEEKLY SUMMARY

Date: <sup>mon.</sup> 09/08/03 - <sup>sun.</sup> 09/14/03

Load Numbers ~~254~~ 254-325

Range of Water Temp., Surface 80°F Below Mid-Depth \_\_\_\_\_

Areas Worked (lat/longs, stations) 28°54.747' N 95°16.302' W to 28°55.751' N 95°17.405' W

Are there incidents involving endangered or protected species? Yes  No

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

- **SCREENING: FAIR**
- ONLY USING FWD BOXES (PORT & STBD). OVERFLOW SCREENS NOT IN USE\*
- BOTH FWD. BOXES HAVE PLAY IN GATE (≈ 1' GAP UNDER A LOAD, AS DEBRIS PILES UP, IT CAN WEDGE & HOLD GATE OPEN)
- LOADS # 296 - 310: DREDGING WITH PORT ARM ONLY, DUE TO MECHANICAL PROBLEM ON STBD. ARM. @APT OVERFLOW IN USE BUT W/ 1/2 OF GRATE REMOVED B/C OF LG. AMT. OF DEBRIS.
- **MATERIAL: MUD WITH SOME CLAY, STONES.**
- DEBRIS, INCLUDES FISHING NETS, FISHING LINES & HOOKS, CABLE, PLASTIC MATERIALS & BAGS, CANVAS, CLOTH, CABLE, WOOD, ~~BRICKS~~ ALUMINUM CANS, BOTTLES, & MISC. GARBAGE.
- MISC. PLANT MATTER, SHELLS,
- **NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SP.**

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
<u>9/9-03</u>	<u>T. truncatus : 3</u>	<u>0710: Swimming inside jetty</u>
<u>9/10-03</u>	<u>" : 1</u>	<u>0837: " " "</u>
<u>9/11-03</u>	<u>" : 3</u>	<u>0956: " " "</u>
<u>9/12-03</u>	<u>" : 2</u>	<u>0709: Swimming @ dump site</u>
<u>9/14-03</u>	<u>" : 2</u>	<u>0825: Swimming @ jetty entr.</u>
<u>/</u>	<u>/</u>	<u>/</u>
<u>/</u>	<u>/</u>	<u>/</u>

Observer(s) on Duty: Andrew Jackson / Cary Deringer

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date: 09 / 08 / 03 Loads: 254 - 263

Area(s) Worked 28°55.751'N 95°17.405' W to 28°56.751'N 95°18.222' W

Weather Conditions (incl. sea conditions) P-m/c, wind S-WKTS, sea calm

Range of Water Temp., Surface 86° 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.):

Material: Silt + mud

Samples: grass + Sargassum

No incidents involving endangered or protected species

**Bridge Watch Summary**

Species	# of Animals	Time/ Location/ Comments
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

DAILY REPORT

Date: 09/09/03 Loads: 264-275

Area(s) Worked 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W

Weather Conditions (incl. sea conditions) Cloudy, wind calm - 29kts, Sea calm - 2'

Range of Water Temp., Surface 86° 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.):

Material: silt + mud  
Samples: grass + sargassum

No incidents involving endangered or protected species.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>T.e.</u>	<u>3</u>	<u>0710/ inside jetty</u>

Observer(s) on Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

DAILY REPORT

Date: 09 / 12 / 03

Loads: 276 - 287

Area(s) Worked 28°55.751'N 95°17.405' W to 28°56.751'N 95°18.222' W

Weather Conditions (incl. sea conditions) P-m/c, winds 2-20kts, sea 1-3'

Range of Water Temp., Surface 86° F 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.):

Material: silt + mud

Samples: grass, Sargassum, 1 catfish

No incidents involving protected or endangered species.

Bridge Watch Summary

Species

# of Animals

Time/ Location/ Comments

T.t.

1

237 - inside jetty

Observer(s) on Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

DAILY REPORT

Date: 09 / 11 / 03

Loads: 288 - 296

Area(s) Worked 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W

Weather Conditions (incl. sea conditions) PK - cloudy, wind S-20KTS, seas 1-4', Rain

Range of Water Temp., Surface 86° 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.):

Material: silt + mud

Samples: grass + sargassum

No incidents involving endangered or protected species.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>T.G.</u>	<u>3</u>	<u>0956 / @ jetty entrance</u>

Observer(s) on Duty: Andrew Jackson / Cary Deringer



**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: Bayport

Project: Freeport Harbor

**DAILY REPORT**

Date: 09 / 13 / 03 Loads: 306 - 316

Area(s) Worked 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W

Weather Conditions (incl. sea conditions) \_\_\_\_\_

Range of Water Temp., Surface 86°F 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.):

Material: silt + mud

Samples: grass + Sargassum

No incidents involving endangered or protected species

Species	# of Animals	Bridge Watch Summary
		Time/ Location/ Comments
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

DAILY REPORT

Date: 29 / 14 / 03 Loads: 317 - 326

Area(s) Worked 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W

Weather Conditions (incl. sea conditions) Clear - cloudy / Rain, wind ~ 20kts, sea 1-3'

Range of Water Temp., Surface 86" 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.):

Material: silt + mud

Sample: grass + sargassum

No incidents involving endangered or protected species.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>T.t.</u>	<u>2</u>	<u>0825 @ jetty entrance</u>

Observer(s) on Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

WEEKLY SUMMARY

Date: 9 / 15 / 03 - 9 / 21 / 03 Load Numbers 326 - 381

Range of Water Temp., Surface 83 - 80 F Below Mid-Depth ---

Areas Worked (lat/longs, stations) 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W

Are there incidents involving endangered or protected species? Yes  No

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

SCREENING: FAIR

- IN USE; FWD (PORT & STBD) BOXES; BOTH HAVE ≈ 1' GAP/PLAY IN GATE UNDER A LOAD
- IN USE; AFT OVERFLOW WIER WITH 1/2 OF GRATE REMOVED ~~BE~~ DUE TO LG. AMT. OF DEBRIS & PLANT MATTER.
- NOT IN USE: BOTH AFT BOXES & FWD OVERFLOW WIER.

MATERIAL: SILTY MUD & SOME CLAY

DEBRIS: SHRIMP NETS, FISHING GEAR ASSORTMENT, CABLE, WOOD, LOTS OF PLASTICS, CANS, CLOTH, etc.

BIOL.: SHELLS, PLANT MATTER

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
/		
/		
/		
/		
/		
/		
/		
/		

Observer(s) on Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

DAILY REPORT

Date: 09 / 15 / 03

Loads: 327 - 335

Area(s) Worked 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W

Weather Conditions (incl. sea conditions) Pk - cloudy, wind 10-20KTS, sea 1-4'

Range of Water Temp., Surface 86° 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.):

Material: silt + mud

Samples: grass + Sargassum

no incidents involving endangered or protected species

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>T.t.</u>	<u>3</u>	<u>0722 / inside jetty / Tail slapping</u>

Observer(s) on Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

DAILY REPORT

Date: 09 / 16 / 03 Loads: 336 - 344

Area(s) Worked 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W

Weather Conditions (incl. sea conditions) Clear - Cloudy, wind S-20KTS, sea 2-5'

Range of Water Temp., Surface 86° 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.):

Material: silt & mud  
Samples: grass, sargassum & Red fish  
No incidents involving endangered or protected species

Species	# of Animals	Bridge Watch Summary
		Time/ Location/ Comments

Observer(s) on Duty: Andrew Jackson / Cary Deringer



ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

DAILY REPORT

Date: 09 / 18 / 03

Loads: 353 - 359

Area(s) Worked 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W

Weather Conditions (incl. sea conditions) Cloudy/Rain, wind S-15 KTS, sea 2-4'

Range of Water Temp., Surface 86° 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.):

Material: silt + mud

Samples: grass & Sargassum

no incidents involving endangered or protected species.

Species	# of Animals	Bridge Watch Summary
		Time/ Location/ Comments

Observer(s) on Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

DAILY REPORT

Date: 09 / 19 / 03

Loads: 360 - 368

Area(s) Worked 28°55.751' N 95°17.405' W to 28°56.751' N 95°18.222' W

Weather Conditions (incl. sea conditions) P/c - cloudy, wind S-15 KTS, sea 1-4'

Range of Water Temp., Surface 86° Below Mid-Depth

Condition and Effectiveness of Screening load

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: SILT + mud

Samples: grass + Sargassum

no incidents involving endangered or protected species

Species	# of Animals	Bridge Watch Summary
		Time/ Location/ Comments

Observer(s) on Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

DAILY REPORT

Date: 9 / 20 / 03

Loads: <sup>#s</sup> 369-375

Area(s) Worked 28°55.751'N 95°17.405'W to 28°56.751'N 95°18.222'W

Weather Conditions (incl. sea conditions) 100% CC + Rain, ENE 15-20k, E 3-6', B=1020, 80°F

Range of Water Temp., Surface 83°F Below Mid-Depth —

Condition and Effectiveness of Screening FAIR; AFT (PORT & STBD) BOXES NOT IN USE. FWD OVERFLOW WIER NOT IN USE. AFT OVERFLOW IN USE WITH 1/2 OF GRATE REMOVED DUE TO LG. AMT. OF DEBRIS CLOGGING. FWD (PORT & STBD.) BOXES HAVE 1' GAP/PLAY IN GATE UNDER LOAD

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: MUD, SILT, SOME CLAY

BIOLOGICAL MATERIAL: PLANT MATTER, MISC. FISH SP., SHELL SP.

DEBRIS INCL.: PLASTICS, WOOD, CABLE, FISHING GEAR (HOOKS, LINES, NETS, # SINKERS, etc.), CARPET, SPONGES, ALUMINUM CANS, GLASS, etc.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SP.

Bridge Watch Summary

Species

# of Animals

Time/ Location/ Comments

Species	# of Animals	Time/ Location/ Comments
<u>NA</u>		

Observer(s) on Duty: Andrew Jackson / Cary Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

DAILY REPORT

Date: 9 / 21 / 03

#'s  
Loads: 376 - 382

Area(s) Worked 28°55.751'N 95°17.405' W to 28°56.751'N 95°18.222' W

Weather Conditions (incl. sea conditions) ENE 15-20 k, E 4-6', B=1019, 100% CC-RAIN, Rough Cond.

Range of Water Temp., Surface 80 F Below Mid-Depth     

Condition and Effectiveness of Screening FAIR; AFT (PORT & STBD) BOXES NOT IN USE. FWD OVERFLOW WIER NOT IN USE. AFT OVERFLOW IN USE w/ 1/2 OF GRATE REMOVED DUE TO LG. AMT. OF DEBRIS CLOGGING. FWD (PORT & STBD) BOXES HAVE ≈ 1' GAP/PLAY IN GATE UNDER LOAD

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: SILTY MUD & SOME CLAY

BIO. MAT: PLANT MATTER, SHELLS

DEBRIS: PLASTICS, SHRIMPING NETS, FISHING GEAR, CANS, WOOD, etc.

NO INCIDENTS INVOLVING ENDANGERED OR PROTECTED SP.

Bridge Watch Summary

Species	# of Animals	Time/ Location/ Comments
<u>T. truncatus</u>	<u>1</u>	<u>1030: INSIDE PORT - SWIMMING</u>

Observer(s) on Duty: Andrew Jackson / Cary Deringer

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: Bayport

Project: Freeport Harbor, Texas

**WEEKLY REPORT**

Dates: 9 / 22 / 03 To 9 / 28 / 03 Load #'s 382 To 426

Area(s) Worked: Section 4; 28° 56.715'N / 95° 18.222'W To 28° 56.617'N / 95° 18.444'W

Weather / Sea Conditions: calm seas & lt air except for 9-28 (3-4' seas, 20-25 kts E'ly) 78°-83° F

Range of Water Temp., Surface: 80°-83° F Below Mid-Depth: /

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes -

both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed due to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES NO

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

- There were no incidents involving protected or endangered species.
- On 9-27 Two Didos reported the relocation of a Kemp's ridley turtle that they picked up ≈ 03:00.
- Dredged material: sand, silt, mud and clay.
- Biota: primarily plant matter, a few shells, 1 whelk egg case, misc. fish sp, 1 flounder, low numbers of jelly fish
- Debris: plastics, cloth, fishing line, hooks & net, wood, metal, cable, rope, ruber

Bridge Watch Summary

Species	# of Animals	Date / Time / Location / Comments
<u>Tursiops truncatus</u>	<u>2</u>	<u>9-24 09:50 @ intersection</u>
<u>" "</u>	<u>2</u>	<u>9-26 13:01 / 15:30 28°56.570'N 95°18.480'W</u>
<u>" "</u>	<u>2- 5- 3</u>	<u>9-27 10:00 / 13:42 / 16:32 @ intersection &amp; channel</u>
<u>" "</u>	<u>3</u>	<u>9-28 16:30 end of jitty outbound.</u>
		<u>(resightings of the same animals)</u>

Observer(s) on Duty: Cary Deringer / Irene Briga

Irene Briga replaced Andrew Jackson on 9-25.





ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

DAILY REPORT

Date: 9, 24, 103 Loads: 394-400 28°56.715'N 95°18.22'W

Area(s) Worked ~~28°56.715'N 95°18.22'W TO 28°56.617'N 95°18.44'W~~

Weather Conditions (incl. sea conditions) B=1019, SE 5-10k, SE 1-2', 80°F, 20' C.C

Range of Water Temp., Surface 83°F Below Mid-Depth

Condition and Effectiveness of Screening FAIR: IN USE; FWD (PORT & STBD) BOXES - BOTH HAVE  
± 1' GAP/PLAY IN GRATE, AND AFT OVERFLOW WIER - W/ 1/2 OF GRATE REMOVED  
DUE TO LG. AMT. OF DEBRIS. NOT IN USE; AFT (PORT & STBD) BOXES  
? FWD OVERFLOW WIER.

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.):  
~~XXXXXXXXXX~~

LOAD 397-? : STBD ARM DOWN FOR REPAIRS

DEBRIS: WOOD, METAL, CANS, CLOTH, FISHING GEAR, SHRIMPING  
NETS, CABLE, ROPE, ETC.

BIOL: PLANT MATTER, JELLY FISH, MISC FISH SP., SHELLS

MATERIAL: MUD, SILT, CLAY

Species	# of Animals	Bridge Watch Summary
		Time/ Location/ Comments
<u>T. truncatus</u>	<u>2</u>	<u>0950 : @ intersection; Swimming</u>

Observer(s) on Duty: Andrew Jackson / Cary Deringer



ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor

DAILY REPORT

Date: 9 / 26 / 03 Loads: 407 - 413 28°56.715'N 95°18.22'W  
Area(s) Worked ~~28°56.617'N 95°18.44'W~~ TO 28°56.617'N 95°18.44'W  
Weather Conditions (incl. sea conditions) SE 5 KTS. / SEAS < 1' / DRIZZLE TO CLEAR / B = 1016 / ~80°F  
Range of Water Temp., Surface 82°F Below Mid-Depth \_\_\_\_\_  
Condition and Effectiveness of Screening FAIR

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 consists primarily of silt and mud.  
Debris: PLASTICS, nylon line, rope, wood, cloth, tin, metal pipe  
Biota: 1 flounder, plant matter

IRENE BRIGA REPLACED ANDREW JACKSON AS THE ENDANGERED SPECIES OBSERVER.

Species	# of Animals	Bridge Watch Summary	
		Time/ Location/	Comments
<u>siopstruncatus</u>	<u>2</u>	<u>13:01 28°56.570'N</u>	<u>95°18.480'W</u>
<u>"</u>	<u>"</u>	<u>15:30 inside jetty.</u>	

Observer(s) on Duty: Andrew Jackson / Cary Deringer / IRENE BRIGA

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 9 / 27 / 03 Loads: #'s 414 To 420

Area(s) Worked: Section 4; 28° 56.715'N / 95° 18.222'W To 28° 56.617'N / 95° 18.444'W

Weather / Sea Conditions: ESE-SE 5-10KTS., SEAS: <1', MOSTLY CLEAR, B=1018, 82° F Temp.

Range of Water Temp., Surface: 82° F Below Mid-Depth: /

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes -

both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed duo to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

ON Load 418 - used aft boxes as repairs were being made on port fore box; All other Loads using fore boxes only.

Are there incidents involving endangered or protected species? YES  NO

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

- There were no incidents involving any endangered or protected species.
- Material dredged consists of silt, mud and clay.
- Biological samples: plant matter, shell, whelk egg case
- Debris: plastics, fishline hooks, aluminum, rope, cloth, fishnet, rubber
- Cannonball jelly fish observed in sea while digging.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>ursiops truncatus</u>	<u>2</u>	<u>10:00 @ intersection of intercoastal &amp; Channel</u>
<u>"</u>	<u>5</u>	<u>13:42 by jetties entire day: Slow Travel</u>
<u>"</u>	<u>3</u>	<u>16:32 (1 calf or juvenile)</u>

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 9 / 28 / 03 Loads: #'s 421 To 426

Area(s) Worked: Section 4; 28° 56.715'N / 95° 18.222'W To 28° 56.617'N / 95° 18.444'W

Weather / Sea Conditions: E'ly 10-20-25 KTS, 3-4' SEAS, 1020=B, 82°F=T, 10% CC.

Range of Water Temp., Surface: 81°F - 80°F Below Mid-Depth: /

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes - both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed duo to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species?

YES

**NO**

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

- There were no incidents involving any protected or endangered species.
- Dredged material: sand, silt, mud and some clay
- Biota: plant matter, jelly fish
- Debris: plastics, aluminum, cloth, nylon fish line and hooks, wood.
- \* On 9-27 Two Divers picked up and relocated a Kemp's ridley turtle ≈ 0300

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Tursiops truncatus</u>	<u>3</u>	<u>16:30 end of jetty outbound</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on Duty: Cary Deringer / Irene Briga

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: Bayport

Project: Freeport Harbor, Texas

**WEEKLY REPORT**

Dates: 9 / 29 / 03 To 10 / 5 / 03 Load #'s 427 To 449

Area(s) Worked: Section 4; 28° 56.715'N / 95° 18.222'W To 28° 56.617'N / 95° 18.444'W  
3 55.751N 17.403

Weather / Sea Conditions: see dailys

Range of Water Temp., Surface: 74° - 79° F Below Mid-Depth: /

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes - both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed duo to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES  NO

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

- φ incidents
- material: silt, mud, clay
- Biota: plant matter, shell
- Debris: wood, nylon, plastics, cloth, rubber, aluminum, fishing gear (lines, hooks, netting)
- At dock for 2 1/2 days (see dailys). Two Didos turtle trawling.

Bridge Watch Summary

Species	# of Animals	Date / Time / Location / Comments
<u>Tursiops truncatus</u>	<u>3</u>	<u>9-29 15:32 intersection feeding/milling. T's observed most of digging time during day etc.</u>
<u>" "</u>	<u>(3) (5)</u>	<u>10-3 (11:35) (15:32) intersection repeats (same markings) drea</u>
<u>" "</u>	<u>(6-8) (2)</u>	<u>10-4 14:40 @ buoy #7 18:43 intersection</u>
<u>" "</u>	<u>6-8</u>	<u>10-5 12:59 - 16:30 outside jetty buoy #7 observed all day in digging area.</u>

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 9/29/03 Loads: #'s 427 To 431

Area(s) Worked: Section 4; 28° 56.715'N / 95° 18.222'W To 28° 56.617'N / 95° 18.444'W

Weather / Sea Conditions: NE-E 20-25 KTS., E'ly 6-7' SWELL, 3-4' SEAS, B=1020-22, 10-20% CC, 83°F=T, BSS 4-5

Range of Water Temp., Surface: 79°F Below Mid-Depth: /

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes – both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed duo to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES  NO

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

- ∅ incidents
- Material: mud, silt, clay
- Biota: Other than decaying plant matter, samples continue to be ∅ or very low in number.
- Human generated debris: wire, stainless steel, plastics, nylon fishlines & hooks, aluminum, rubber.
- Two Didos were not trawling due to Coast Guard inspection. Should resume 9-30-03.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Tursiops truncatus</u>	<u>3</u>	<u>15:32 intersection - feeding &amp; milling. T+'s were observed during most of the digging time during daylight.</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 9/30/03 Loads: #'s 432 To 433

Area(s) Worked: Section 4; 28° 56.715'N / 95° 18.222'W To 28° 56.617'N / 95° 18.444'W

Weather / Sea Conditions: SE, 18-23 KTS, SEly swell 5-7', BSS 4, 10% GC, 65°F

Range of Water Temp., Surface: 78°F Below Mid-Depth: 1

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes -

both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed due to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES  NO

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

• 0 incidents

• material: mud, silt, clay

• biota: plant matter

• Debris: plastic, netting, wood, cloth, nylon line

• At dock @ 09:35

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>0</u>		

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10 / 1 / 03 Loads: #'s        To       

Area(s) Worked: Section 4; 28° 56.715'N / 95° 18.222'W To 28° 56.617'N / 95° 18.444'W

Weather / Sea Conditions: ROUGH

Range of Water Temp., Surface:        Below Mid-Depth:       

Condition and Effectiveness of Screening:        Comments: In Use: Fwd (Port and Stbd) Boxes –

both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed due to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species?

YES

**NO**

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

\* DOCKED : WAITING FOR WEATHER TO SETTLE ; SURVEY OF SECTIONS 3, 4, 5 UNABLE TO BE DONE DUE TO ROUGH CONDITIONS.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<del>0</del>		

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10 / 3 / 03 Loads: #'s 434 To 438

Area(s) Worked: Section 4; 28° 56.715'N / 95° 18.222'W To 28° 56.617'N / 95° 18.444'W

Weather / Sea Conditions: SE 10-15 KTS, 4-6' SWELL, 1-2' SEAS, BSS 4 & 3, 10% CC, 76° F AIR T. B=1021

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

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes - both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed duo to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES  NO

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

- 0 incidents
- Material: silt, mud, clay
- Plant matter is the only biota
- Debris: wood, aluminum, plastic, cloth
- Very low numbers <sup>of any thing</sup> as this is cleanup of area that has already been dug.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Tursiops truncatus</u>	<u>3</u>	<u>11:35 intersection resident population</u>
<u>" "</u>	<u>5</u>	<u>15:32 " " " "</u>
		<u>repeat animals - same dorsal</u>
		<u>scar, coloration (Lt.)</u>

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10 / 4 / 03 Loads: #'s 439 To 444

Area(s) Worked: Section 3, 28° 56.715'N / 95° 18.222'W To 28° 55.751'N / 95° 17.405'W  
56.617'N 18.444'W

Weather / Sea Conditions: SE-ESE 5-15 kts, 3-4' ↓ 2-3' swell, BSS 3+2, 20°-10° CC, B=1020, T=80-85

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

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes - both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed due to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES  NO

Comments (Details of turtle takes / whale sightings, dredged material, screening, biological by-catch, etc.):  
• 0 incidents  
• material: silt, mud, clay (small amount) cleanup insect. 3&4  
• Biota: plant matter  
• Debris: wood, plastics, nylon (fishing gear) netting, cloth,

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Funrops truncatus</u>	<u>6-8</u>	<u>14:40 buoy #7 surfing</u>
<u>" "</u>	<u>2</u>	<u>18:43 intersection</u>

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10 / 5 / 03 Loads: #'s 445 To 449

Area(s) Worked: Section 3; 28° 56.715'N / 95° 18.222'W To 28° 55.751'N / 95° 17.405'W

Weather / Sea Conditions: SE 8-10 KTS, BSS 2, LOW ELY SWELL, 1' SPAS, B=1020, T=82°F, mostly clear

Range of Water Temp., Surface: 78°F Below Mid-Depth: /

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes - both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed duo to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES  NO

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

- ∅ incidents
- material: silt, mud, clay
- Biota: plant matter
- Debris: wood, nylon, plastics, cloth, aluminum (primarily fishing gear)
- cleaning up section 3
- Two Didos have been turtle trawling.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Tursiops truncatus</u>	<u>6-8</u>	<u>12:59 outside jetty area by buoy #7</u>
<u>" "</u>	<u>6-8</u>	<u>16:30 " " " " " "</u>
		<u>observed all day while digging</u>

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10 / 6 / 03 Loads: #'s 450 To 459

Area(s) Worked: Sect'ns: 4: 28° 56.715'N / 95° 18.222'W To 28° 56.617'N / 95° 18.444'W and 5: 28° 54.091'N / 95° 15.437'W To 28° 54.456'N / 95° 16.217'W + 5

Weather / Sea Conditions: SE 5-10KTS, 1-2' SEAS, 3-4' E'ly SWELL, BSS 3, 80% CC (some rain), 80° F

Range of Water Temp., Surface: 80° F Below Mid-Depth: 1

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes – both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed due to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES  NO

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

- \* LOADS # 450-~~451~~ 458 DUG IN SECTION 4 (CLEAN-UP); LOADS # 452 +, DUG IN SECTION 5 (not includ. 458).
- Material: Thick, soupy and slimey mud with some clay (strong odor). Smells toxic.
- Biota: plant matter, shell, 1 whole eggcase
- An abundance of human generated debris primarily fishing gear (nets, lines, hooks, ropes, plastics, rubber, cloth).

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on Duty: Cary Deringer / Irene Briga

**ENDANGERED SPECIES OBSERVER PROGRAM**

Dredge: Bayport

Project: Freeport Harbor, Texas

**WEEKLY REPORT**

Dates: 10/6/03 To 10/12/03 Load #'s 450 To 520

Area(s) Worked: Section 5 28°54.091'N/95°1.437'W To 28°54.456'N/95°16.217'W  
6 28°53.887'N/95°15.438'W To 28°54.214'N/95°15.742'W

Weather / Sea Conditions: SEE DAILYS

Range of Water Temp., Surface: 79 - 80

Below Mid-Depth: 1

Condition and Effectiveness of Screening: FAIR/POOR\*

Comments: In Use: Fwd (Port and Stbd) Boxes -

both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed duo to

large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

\*Poor due to the state of the boxes that need shipyard repair. The condition of deflectors is good.

Are there incidents involving endangered or protected species?

YES

**NO**

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

- 0 incidents
- material: clay, silt, mud.
- Biota: plant matter, 1 whole shell, 1 flounder, 1 whole egg case
- Debris: an abundance of fishing gear debris: cables, lines, ropes, cloth, nylon line, hooks, aluminum, plastic, rubber, wood

Two Didos picked up & relocated a Caretta caretta (Loggerhead) sea turtle @ 15:14 on 10-10  
on 9-27 Two Didos picked up & relocated a Lepidochelys kempi (Kemp's Ridley). noted 0  
daily but not weekly.

Bridge Watch Summary

Species	# of Animals	Date / Time / Location / Comments
<u>Tursiops truncatus</u>	<u>4</u>	<u>10-11 11:50 14:35 28°54.007N 95°15.547N</u>
<u>" "</u>	<u>2-4</u>	<u>10-12 green buoy #3</u>

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10 / 7 / 03 Loads: #'s 460 To 470

Area(s) Worked: Section 5; 28° 54.091'N / 95° 1.437'W To 28° 54.456'N / 95° 16.217'W

Weather / Sea Conditions: SE WIND 5-15 KTS., 3-4' SEAS, ELYSWELL, BSS 2↑4, 30-40% CC, 80°F

Range of Water Temp., Surface: 80°F Below Mid-Depth: /

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes – both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed due to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES  NO

Comments (Details of turtle takes / whale sightings, dredged material, screening, biological by-catch, etc.):  
• φ incidents  
• material: silt - small amount of mud and clay.  
• Biota: plant matter, a few shells  
• Debris: primarily fishing gear (fish lines, hooks, rope, netting) wood, plastics, aluminum, cloth.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>φ</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10 / 8 / 03 Loads: #'s 471 To 480

Area(s) Worked: Section 5; 28° 54.091'N / 95° 1.437'W To 28° 54.456'N / 95° 16.217'W

Weather / Sea Conditions: \_\_\_\_\_

Range of Water Temp., Surface: 79° F Below Mid-Depth: /

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes – both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed duo to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES  NO

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

∅ incidents  
• material: silt, mud and a large amount of clay.  
• Biota: plant matter  
• There continues to be a large amount of human generated debris primarily fishing gear, which includes nylon fish line, netting, rope and hooks. Other samples are: wood, plastics, aluminum, rubber, steel and cloth.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>∅</u>	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10/9/03 Loads: #'s 481 To 490

Area(s) Worked: Section 5; 28° 54.091'N / 95° 1.437'W To 28° 54.456'N / 95° 16.217'W

Weather / Sea Conditions: S 10 ↑ 20, 3-4' seas, BSS 3 ↑ 4, 90% CC; RAIN/LIGHTNING, 80's F

Range of Water Temp., Surface: 79° - 80° F Below Mid-Depth: /

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes - both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed duo to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES  NO

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

- ∅ incidents
- Material: clay (some large chunks), silt and mud.
- Biota: other than sea grass samples continue to be ∅ except for a few shells.
- Debris: majority is fishing gear (nets, ropes, lines, cable), wood, plastics, aluminum.

• Two Dido's turtle trawling.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>∅</u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10 / 10 / 03 Loads: #'s 491 To 501

Area(s) Worked: Section 5; 28° 54.091'N / 95° 1.437'W To 28° 54.456'N / 95° 16.217'W

Weather / Sea Conditions: S NE 15-10KTS, 2-1 seas, BSS3, cloudy, T=80's F

Range of Water Temp., Surface: 79° - 80° F Below Mid-Depth: /

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes -

both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed duo to  
large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES  NO

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

- ∅ incidents
- Material: silt, mud and clay
- Biota: 1 flounder, plant matter
- Debris: primarily fishing gear - netting, nylon line, hooks, aluminum, plastics, cloth. wood
- Two Dido's turtle trawling. Stopped trawling @ 0700 to 1735 anchored for ~~replacement~~ fuel, etc

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>∅</u>	<u>_____</u>	<u>_____</u>
<u>_____</u>	<u>_____</u>	<u>_____</u>

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10/11/03 Loads: #'s 502 To 510

Area(s) Worked: Section 5; 28° 54.091'N / 95° 1.437'W To 28° 54.456'N / 95° 16.217'W  
6; 28° 53.887'N / 95° 15.438'W To 28° 54.214'N / 95° 15.742'W

Weather / Sea Conditions: NE-E 5-10 KTS, 1' seas, BSS 2+3, mostly cloudy, 76-86° F

Range of Water Temp., Surface: 80° F Below Mid-Depth: /

Condition and Effectiveness of Screening: FAIR / POOR Comments: In Use: Fwd (Port and Stbd) Boxes - both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed due to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES  NO

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

- ∅ incidents
- material: clay, mud, silt
- Biota: plant matter, whelk shell
- Debris: nets, nylon fishlines & hooks, rope, cloth, plastics, aluminum.
- Two Didlo's relocated a Carretta caretta (loggerhead) turtle they picked up @ 15:14.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Urosalpinx truncatus</u>	<u>4-</u>	<u>11:50 28°54.007N 95°15.547N swimming / leaping in same area</u> <u>14:35</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

7 Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10 / 12 / 03 Loads: #'s 511 To 520

Area(s) Worked: Section 6; 28° 53.877'N / 95° 15.438'W To 28° 54.214'N / 95° 15.742'W SECT. 5 cleanup in LOAD 514

Weather / Sea Conditions: N-E 8-10KTS, 1-2 SEAS, LOWEY SWELL, BSS 3, Cloudy

Range of Water Temp., Surface: 80°F Below Mid-Depth: /

Condition and Effectiveness of Screening: FAIR/POOR Comments: In Use: Fwd (Port and Stbd) Boxes - both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with grate totally removed due to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES  NO

- Comments (Details of turtle takes / whale sightings, dredged material, screening, biological by-catch, etc.):
- 0 incidents
  - Material: clay, silt, mud
  - Biota: plant matter, whelk egg case
  - Debris: primarily fishing debris, wood
  - Two Didos turtle trawling

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>Tursiops truncatus</u>	<u>2-4</u>	<u>14:35 28° 54.169'N 95° 15.796'W</u> <u>green buoy #3</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10 / 13 / 03 Loads: #'s 521 To 529

Area(s) Worked: Section 6; 28° 53.877'N / 95° 15.438'W To 28° 54.214'N / 95° 15.742'W

Weather / Sea Conditions: East 5 Kts. / 4-1' seas / BSS 1+ / 90% CC. /  
*+ cleanup on 5*

Range of Water Temp., Surface: 79° F Below Mid-Depth: 1

Condition and Effectiveness of Screening: FAIR / POOR Comments: In Use: Fwd (Port and Stbd) Boxes - both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with grate totally removed due to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen. Deflectors good on dragheads.

Are there incidents involving endangered or protected species? YES  NO

Comments (Details of turtle takes / whale sightings, dredged material, screening, biological by-catch, etc.):  
• *φ incidents*  
• *Material: silt, mud, clay*  
• *Biota: plant matter, whole egg case*  
• *Debris: Primarily fishing gear - nets, rope, nylon fishing, rocks, rubber, plastics, aluminum, wood.*

• *Two Didos turtle trawling.*

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<i>Coursiops truncatus</i>	4-6	betw. buoys 3 & 2, hanging in the area of the dredge all day. Porpoising - breaching
	6	
		09:56
		12:03
		13:40
		17:00

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10 / 14 / 03 Loads: #'s 530 To 532

Area(s) Worked: Section 6; 28° 53.877'N / 95° 15.438'W To 28° 54.214'N / 95° 15.742'W

Weather / Sea Conditions: B=1018, 90% CC, NW 5-8k, N'ly 1', 80°F

Range of Water Temp., Surface: 79°F Below Mid-Depth:     

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes –

both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with grate totally removed due to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

\* DEFLECTORS; GOOD CONDITION ON DRAG HEADS

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

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

- Ø INCIDENTS
- MATERIAL; SILTY MUD; CLAY
- BIOTA; PLANT MATTER, WHELK SHELLS, WHELK EGG CASES
- DEBRIS INCLUDES; FISHING GEAR, NETS, ROPE, PLASTICS, METALS, FABRIC, WOOD, ETC.
- TWO DIDOS TRAWLINE FOR TURTLES
- \* DOCKED AT 0500 – WAITING FOR US ACE SURVEY.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>/ Ø</u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>
<u>    </u>	<u>    </u>	<u>    </u>

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10 / 15 / 03 Loads: #'s N/A To 1

Area(s) Worked: Section 6; 28° 53.877'N / 95° 15.438'W To 28° 54.214'N / 95° 15.742'W

Weather / Sea Conditions: /

Range of Water Temp., Surface: / Below Mid-Depth: /

Condition and Effectiveness of Screening: / Comments: In Use: Fwd (Port and Stbd) Boxes –

both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with grate totally removed due to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species?

YES

**NO**

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

. Docked at Brazos' shipyard waiting for survey results from ISAC.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>/</u>		

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10 / 16 / 03 Loads: #'s N/A To /

Area(s) Worked: Section 6; 28° 53.877'N / 95° 15.438'W To 28° 54.214'N / 95° 15.742'W

Weather / Sea Conditions: /

Range of Water Temp., Surface: / Below Mid-Depth: /

Condition and Effectiveness of Screening: / Comments: In Use: Fwd (Port and Stbd) Boxes –

both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with grate totally removed due to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species?

YES

NO

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

. Docked at Brazos' shipyard waiting for survey results from USACE.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
<u>/</u>		

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10 / 17 / 03 Loads: #'s NA To /

Area(s) Worked: Section 6, 28° 53.877'N / 95° 15.438'W To 28° 54.214'N / 95° 15.742'W NA

Weather / Sea Conditions: /

Range of Water Temp., Surface: / Below Mid-Depth: /

Condition and Effectiveness of Screening: / Comments: In Use: Fwd (Port and Stbd) Boxes - both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with grate totally removed due to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES  NO

Comments (Details of turtle takes / whale sightings, dredged material, screening, biological by-catch, etc.):  
• DOCKED AT BRAZOS SHIPYARD WAITING FOR SURVEY RESULTS FROM USACE.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
/	/	/
/	/	/
/	/	/
/	/	/
/	/	/
/	/	/

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

DAILY REPORT

Date: 10 / 18 / 03 Loads: #'s NA To /

Area(s) Worked: ~~Section 6, 28° 53.877'N / 95° 15.438'W To 28° 54.214'N / 95° 15.742'W~~

Weather / Sea Conditions: /

Range of Water Temp., Surface: / Below Mid-Depth: /

Condition and Effectiveness of Screening: / Comments: In Use: Fwd (Port and Stbd) Boxes –

both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with grate totally removed due to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species?

YES

**NO**

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

- DOCKED AT BRAZOS SHIPYARD
- USACE SURVEY ACCEPTED — FREEPORT JOB FINISHED
- DEPART FOR CORPUS CHRISTI @ 1600 → arrive 0400 on 10.19.03

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on Duty: Cary Deringer / Irene Briga

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Bayport

Project: Freeport Harbor, Texas

WEEKLY REPORT

Dates: 10/13/03 To 10/18/03 Load #'s 521 To 532

Area(s) Worked: SECT. 6; 28°53.877'N/95°15.438'W cleanup on SECT. 5

Weather / Sea Conditions: See dailys -

Range of Water Temp., Surface: 79°-80° F Below Mid-Depth: 1

Condition and Effectiveness of Screening: FAIR Comments: In Use: Fwd (Port and Stbd) Boxes -

both have about a 1-foot gap/play in gate under pressure, and Aft Overflow Screen with half of grate removed due to large amount of debris clogging surface. Not In Use: Aft (Port and Stbd) Boxes, and Fwd Overflow Screen.

Are there incidents involving endangered or protected species? YES  NO

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

- 0 incidents
- Material: silt, mud, clay
- Biota: plant matter, whelk shells, whelk egg cases.
- Debris: fishing gear, nets, rope, nylon lines, cloth, plastics, metals, rubber, hooks. wood.
- Two Didos turtle trawling.
- Docked at Brazos shipyard waiting for USACE survey results for final approval on 10-14. Survey accepted 10-18. Freeport job finished. .... Transit Freeport to Corpus Christi 10.1600 or 0400.

Bridge Watch Summary

Species	# of Animals	Date / Time / Location / Comments
<u><i>Tursiops truncatus</i></u>	<u>4-6</u>	<u>10-13 all day (09:56-17:00) betw. buoys 3&amp;2.</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Observer(s) on Duty: Cary Deringer / Irene Briga