ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 04 / 15 / 03

Loads Numbers: 1 - 9

Areas Worked: (Geographic Names, Lat /Long, Stations): 29 1a 42 94 3a 49 w

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): SE - 10 clear seas 1-3

Range of H2O Surface Temperature: 68

Condition of Screening and Deflectors: Good inflow monitored as well as dragheads

Are there incidents involving endangered or protected species? **Yes**____ **No** /

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

Material is Mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
/			

Observers On Duty: J. Trautman & Lange

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 04 / 16 / 03

Loads Numbers: 10-22

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.511'N
94° 39.707'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): winds 20-24 kts SSE
in day diminish at night, seas 4' in day 1'-2' at night, mostly cloudy, 81°F

Range of H2O Surface Temperature: 68°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):

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
none			

Obeservers On Duty: Lange + Trautman

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 04 / 17 / 03

Loads Numbers: 23 – 33

Areas Worked: (Geographic Names, Lat /Long, Stations): 29 19 46 94 39 59

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): clear to cloudy, SE 5-10 seas 1-4,

Range of H2O Surface Temperature: 68

Condition of Screening and Deflectors: good inflow screens are monitered as well as Dragheads and skimmers

Are there incidents involving endangered or protected species? **Yes**_____ **No** ✓

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

No turtles sighted or whale sighting

no Biotic samples

Abiotic is rope, wood

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: J. Trautman / [redacted] Lange

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 04 / 18 / 03

Loads Numbers: 34-44

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 14.57'N
94° 39.50'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): winds SSE 8-14kts
seas 1'-3', partly cloudy, 81°F

Range of H2O Surface Temperature: 68°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):
lots of clay

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
none			

Obeservers On Duty: Lange + Troutman

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 04 / 14 / 03

Loads Numbers: 45-57

Areas Worked: (Geographic Names, Lat /Long, Stations): 24 to 57 GH 34 82

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): Seas 3-6 cloudy 70's

Range of H2O Surface Temperature: 68

Condition of Screening and Deflectors: Good - inflow screens closed and monitored
deadheads are closely monitored

Are there incidents involving endangered or protected species? **Yes**_____ **No** ✓

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

Biotic samples include redfish and blue crabs

Abiotics - metal wood

No turtles sighted or taken

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: J. Trout + W Lang

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston

DAILY REPORT

Date 4 / 20 / 03

Loads Numbers: 58-69

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.86 N 94 40.11 W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): winds 5-10kt cloudy/rain seas 2-4

Range of H2O Surface Temperature: 68

Condition of Screening and Deflectors: good inflow screens closed and inspected dragheads are also vigorously monitored

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

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

Material is clay + mud

Debris: plastic wood rope

Birds: live crabs

No turtle sightings

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Pterodroma	1	2	In channel

Observers On Duty: J. Trautman / M Lange

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

WEEKLY SUMMARY

Dates: 4 / 14 / 03 - 4 / 20 / 03 Load Numbers: 1 - 69

Areas Worked: (Geographic Names, **Lat /Long**, Stations): 29° 19 42'N 94° 39 49'W

Range of H2O Surface Temperature (centigrade): 68-

Condition/Effectiveness of Screening and Deflectors: good, inflow screens are closed and monitored as are drogheads

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

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

Material is Mud / Clay

Abiotic is wood metal, debris plastic

Biota blue crab stingray

No turtles sighted or taken

Bridge Watch Summary of Turtle and Large Whale Sightings

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	2	in channel 4/20/03

Observer(s) On Duty J. Trautman / W. Lange

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 4 / 21 / 03

Loads Numbers: 70 - 82

Areas Worked: (Geographic Names, Lat /Long, Stations): 29 14 43 94 38 30

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): Seas 1-3 temp 70's clear B-3

Range of H2O Surface Temperature:

Condition of Screening and Deflectors: good inflow screens closed drugheads are monitered

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

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

Material is Mud/clay

No turtle sightings

Abiotic plastic wood

Biotic blue crab, catfish

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: J. Trautman + W. Long

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 04 / 22 / 03

Loads Numbers: 83-95

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19. 44 'N
94° 39. 37 'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): winds ENE 8-28kts
Cloudy, Seas 1'-7', 70°F

Range of H2O Surface Temperature: 69°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):

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	2	4	

Observers On Duty: Lange + Trotman

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 4 / 23 / 03

Loads Numbers: 96 -108

Areas Worked: (Geographic Names, Lat /Long, Stations): 29 14 40 94 40 20 W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): seas 3-5 cloudy 70's

Range of H2O Surface Temperature: 69-70

Condition of Screening and Deflectors: Good inflow screens were monitored (closed)

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

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

Material is Mud

Abiotic plastic wood debris

Biotic blue crab, stingray

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
/			

Observers On Duty: Trautman + Lange

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 04 / 24 / 03

Loads Numbers: 107 - 116

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.92' N
94° 40.22' W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): wind - S 5-15 knts, seas 4'-7', overcast, 72°F

Range of H2O Surface Temperature: _____

Condition of Screening and Deflectors: Good condition

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

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

—

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
/			

Observers On Duty: Lange / Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 04 / 25 / 03

Loads Numbers: 117 - 126

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.92' N
94° 40.22' W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): wind S 0-15 KNTS / W 6-10 KNTS / NW 6-8 KNTS, 2'-5' seas, overcast to clear, 70° - 84° F

Range of H2O Surface Temperature:

Condition of Screening and Deflectors: Good Condition

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

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

-

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
/			

Observers On Duty: Lange / Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 04 / 26 / 03

Loads Numbers: 127 - 136

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.72' N
94° 39.84' W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): wind ESE 4-5 KNTS / SW 5 KNTS, ENE 8-12 KNTS, 2'-4' seas, sunny and clear, 70°-85°F

Range of H2O Surface Temperature: _____

Condition of Screening and Deflectors: Good Condition

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

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

—

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Rhame + Lange

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 04/27/03

Loads Numbers: 137 - 146

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.85' N
94° 40.06' W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): wind SE/ESE 4-16 KNTS, 2'-3' seas, mostly sunny and clear, 75°-80° F

Range of H2O Surface Temperature:

Condition of Screening and Deflectors: Good Condition

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

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

—

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
/			

Observers On Duty: Lange / Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston ship Channel

WEEKLY SUMMARY

Dates: 4 / 21 / 03 - 4 / 27 / 03 Load Numbers: 70 - 1496

Areas Worked: (Geographic Names, **Lat /Long**, Stations): 29 19 43 94 39 30

Range of H2O Surface Temperature (centigrade): 69 - 72

Condition/Effectiveness of Screening and Deflectors: good inflow screens are closed and inspected dragheads are monitored

Are there incidents involving endangered or protected species? **Yes**____ **No** 8

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

Material is Mud/clay

No turtle sightings

Abiota wood, rope, plastic

Biota ~~red fish~~, crab, catfish stingray

Bridge Watch Summary of Turtle and Large Whale Sightings

Species	# of Sightings	# of Animals	Comments
T. truncatus	2	4	

Observer(s) On Duty J. Trouton / W. Long / B. Boone

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 4 / 28 / 03

Loads Numbers: 147 — 156

Areas Worked: (Geographic Names, Lat /Long, Stations): 29 14 72 N 94 34 42 W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): Seas 2-3 80's clear-to cloudy

Range of H2O Surface Temperature: 72

Condition of Screening and Deflectors: good inflows closed and ~~not~~ monitored

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

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

Material is Clay Mud

No turtles sighted

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
/			

Observers On Duty: W Lang / B Rhaine / J Trathen

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 04 / 29 / 03

Loads Numbers: 157 - 165

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.71'N
94° 39.42'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): SE winds 10-20 KNTS, 3'-5' seas, partly cloudy to overcast w rain, 77° - 85° F

Range of H2O Surface Temperature: 72° F

Condition of Screening and Deflectors: Good Conditions

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

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

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Troutman / Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 4 / 30 / 03

Loads Numbers: 166 - 172

Areas Worked: (Geographic Names, Lat /Long, Stations): 24 14 21N ~~CH~~ 92W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): SE-10 partly cloudy B-30.4 70.3

Range of H2O Surface Temperature: 72

Condition of Screening and Deflectors: good inflow monitored (closed) as well as drag heads

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

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

took on fuel 0900 - 1300

Bottle shark, blue crab

Port inflow screen welded shut due to metal bearing

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: J. Trosclair / R. Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 05 / 01 / 03

Loads Numbers: 173 - 181

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.21' N 94° 39.92' W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): S/SE winds 10-15 KNTS, 2'-5' seas, overcast to clear w/ haze, 77° - 85° F

Range of H2O Surface Temperature: 72° F

Condition of Screening and Deflectors: Good Condition

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

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

—

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: Rhame / S. Tratton

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 5 / 2 / 03

Loads Numbers: 192- 193

Areas Worked: (Geographic Names, Lat /Long, Stations): 29 18 41 N 94 38 57 W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): SW 5 kt seas 1-2 sunny 84F

Range of H2O Surface Temperature: 72

Condition of Screening and Deflectors: good inflow screens are monitered

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

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

Material is Mud

Abiata plastic debris wood

biota crab

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: J. Tractor B. Rhames

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 5 / 3 / 03

Loads Numbers: 193 – 207

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 14 02 N 94 32.72 W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): 2' to 3' seas overcast Southeast 5-15 kt.

Range of H2O Surface Temperature: 72-73

Condition of Screening and Deflectors: Good inflow screens closed and monitored

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

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

Material is clay / mud

Also debris / rock rope, batteries, plastic

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	@ 1	2	10 28 on way to dump site

Observers On Duty: J. Trautman / B. Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 5 / 4 / 03

Loads Numbers: 208 - ~~219~~ 220

Areas Worked: (Geographic Names, Lat /Long, Stations): 29 1902'N 94 3872'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): Winds SW-5-15 Seas 3-6F 70-80°F cloudy

Range of H2O Surface Temperature: 72-73

Condition of Screening and Deflectors: good, inflow screens are closed and monitored deadheads are also checked

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

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

Material is mostly ~~clay~~ Mud with small amounts of Clay

No turtles sighted

Debris includes plastic, paper, net

Biobox chub material

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: J. Trautman

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

WEEKLY SUMMARY

Dates: 4 / 28 / 03 - 5 / 4 / 03 Load Numbers: 147 - ~~219~~ 220

Areas Worked: (Geographic Names, **Lat /Long**, Stations): 29°19 02N 94°38 72' W

Range of H2O Surface Temperature (centigrade): 72-73

Condition/Effectiveness of Screening and Deflectors: Good inflow screens closed and monitored dragheads are also monitored

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

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

Material is clay + mud

Abiotic debris rock rope, plastic net, anchor

biotic chub mackerel, catfish, shark, blue crab

No turtles sighted or taken

Bridge Watch Summary of Turtle and Large Whale Sightings

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	2	5/3/03 1028 on way to dumpsite

Observer(s) On Duty J Trautman / B. Rhamer / W. Long

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 5 / 5 / 03

Loads Numbers: 221 - 231

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.02'N
94° 38.77'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): S winds 10-20 KNTS, 3'-6' seas, B-4, Overcast with Haze, 70's to 80's

Range of H2O Surface Temperature: 72° - 73° F

Condition of Screening and Deflectors: Good Condition

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

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

- Mostly Mud, Clay, and Debris in traps
- Inflow Doors ~~Ope~~ Closed on all Loads.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
1. Truncatus	3	5	

Observers On Duty: Rhame / Troutman

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 5 / 6 / 03

Loads Numbers: 232 - 243

Areas Worked: (Geographic Names, Lat /Long, Stations): 29 14 32 N -94 38 72 W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): SE-10-15 seas 3-6, overcast 80's B-4

Range of H2O Surface Temperature: 73

Condition of Screening and Deflectors: Good inflow screens are closed and monitored with deadheads

Are there incidents involving endangered or protected species? **Yes**_____ **No** 8

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

Material is clay/MUD

Abiotic rope net, plastic

Biotic: crab, catfish

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. Truncatus	1	~~5~~ 3	1510 - outside ship channel

Observers On Duty: J. Trautman / B. Rhame

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date May 17 03

Loads Numbers: 244 - 252

Areas Worked: (Geographic Names, Lat /Long, Stations): 29 19 02 N 94 38 72

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): SSE-15. B 4 seas 3-5 overcast

Range of H2O Surface Temperature: 73-75

Condition of Screening and Deflectors: good inflow closed and monitored, draghead checked as well

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

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

Material is Mud/clay

Abiotic line, rope, plastic

No turtles sighted

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

On Duty: B. Rhame / J. Trowbridge

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date May 18 / 03

Loads Numbers: ~~254-256 255~~ 253-255

Areas Worked: (Geographic Names, Lat /Long, Stations): 29 19 02 N 94 38 72 W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): SSE 15-20 3-4 Seas 4-6 pt cloudy 80's

Range of H2O Surface Temperature: 75

Condition of Screening and Deflectors: good in flow screens closed and monitored as well as drag arms

Are there incidents involving endangered or protected species? Yes_____ No_____

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

Material is MW2

back on station, at ≈1620 due to drag arm repairs

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: J. Trowbridge

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 5 / 9 / 03

Loads Numbers: 256-266

Areas Worked: (Geographic Names, Lat /Long, Stations): 29°19.02'N 94°38.72'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): S winds 10-20 knts, 5'-7' seas, overcast, 80's-90's,

Range of H2O Surface Temperature: 75°F

Condition of Screening and Deflectors: Good Condition

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

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

—

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. Truncatus	7	18	—

Observers On Duty: Troutman / Rhome

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 5 / 10 / 03

Loads Numbers: 267 - 277

Areas Worked: (Geographic Names, Lat /Long, Stations): 29 19 02N 94 38 72W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): SSW winds 10-15 Kts
3-8 seas overcast 80's-90s B-4

Range of H2O Surface Temperature: 75-76

Condition of Screening and Deflectors: good inflows closed + monitered Drag heads are also checked

Are there incidents involving endangered or protected species? **Yes**_____ **No** 6

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

No turtles sighted or taken

Biota includes sargassum, blue crab redfish, cow nose ray

Abiotic debris, net, rope, metal

Material is clay + mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: J. Trautman / B. Rhames

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston ship Channel

DAILY REPORT

Date 5 / 11 / 03

Loads Numbers: 278 - 289

Areas Worked: (Geographic Names, Lat /Long, Stations): 29 16 3 N 94 34 28 W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): Wind SE 10-12k seas 2-4 SSE 90's

Range of H2O Surface Temperature: 76-80

Condition of Screening and Deflectors: good flotation screens closed to monitored * dragheads are screened

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

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

No turtles sighted

Material is clay (Mud

Biota line, rope, swim goggles

Biota shell, sargassum catfish

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	3	in channel
Bottlenose dolphin	1	4	170s on route to dump

Observers On Duty: Rhame / Trautman / C. Derrington

Dredge: Newport

Project: Galveston Ship Channel

WEEKLY SUMMARY

Dates: 5 / 5 / 03 - 5 / 11 / 03 Load Numbers: 221 - 289

Areas Worked: (Geographic Names, **Lat /Long**, Stations): 29° 19 02 N 9438.77'W

Range of H2O Surface Temperature (centigrade): 72-80

Condition/Effectiveness of Screening and Deflectors: good inflow screens monitored (kept closed) drugheads are checked as well

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

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

Material is Mud/clay

No turtles sighted or taken

Examples of abiota are rope net, metal, line

Examples of biota are sargassum, cow nosed ray, redfish, blackdrum

Bridge Watch Summary of Turtle and Large Whale Sightings

Species	# of Sightings	# of Animals	Comments
T. truncatus	12	29	in and around channel

Observer(s) On Duty J. Trautman / B. Rhame / C. Deringer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIPPING CHANNEL

DAILY REPORT

Date 5 / 12 / 03 – ~~Saturday~~ Monday

Loads Numbers: 290 - 302

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.07'N / 94° 29.72'W — 29° 19.40'N / 94° 39.53'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): OVERCAST – LOW STRATUS CLOUD COVER, SEAS 2-5' E-NE, CHOPPY, WIND SE/E/NE 15-20, 85° F

Range of H2O Surface Temperature: 80° F

Condition of Screening and Deflectors: MARGINAL; EARLIER IN DAY; CLAY CLOGGED SCREENS, STBD SIDE GATE POPPING OPEN – TOO CLOGGED TO CLOSE PROPERLY; ≈3" GAP AT BOTTOM.

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

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

HEAPS OF CLAY! ALONG WITH DEBRIS, PLASTICS, NETTING, FISHING LINE, ROPE, CLOTH, HOOKS, ETC.

SOME WHELK & ONE CATFISH

NO TURTLE SPECIES SIGHTED

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Bottle-nosed Dolphin		3	0850 : 29° 19.009'N / 94° 38.607'W
		5	1322 : 29° 19.296'N / 94° 40.347'W
		1	1705 : 29° 12.254'N / 94° 39.064'W

Observers On Duty: C. DERINGER & B. HITT

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 5 / 13 / 03 - tuesday

Loads Numbers: #301 - 311

Areas Worked: (Geographic Names, Lat /Long, Stations): 29°19.3N / 94°39.3W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): Seas 2-4ft, air temp 81°F-90°F, cloud cover 40-50%, wind SE 10-15kts

Range of H2O Surface Temperature: 79°-81°F

Condition of Screening and Deflectors: clay is clogging port side inflow grate, stbd side inflow grate is open about 5 inches at the bottom

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

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

Material is clay/mud

debris was netting, clothes, rope, fishing line, boots, wood, etc
biological specimens were - whelk, fish, crab, seaweed
NO turtles sighted

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Bottlenose Dolphin	3	7	in channel while dredging

Observers On Duty: B. Witt / C. Deringer

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 05 / 14 / 03 - Wednesday

Loads Numbers: 312 - 322

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.XXX N / 94° 38.XXX - 94° 39.XXX W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B=1016 to 1011
seas 3-6ft, air temp 83°-89°F, wind S-SE 15-25kts

Range of H2O Surface Temperature: 80°F to 81°F

Condition of Screening and Deflectors: Stbd gate unlatched with 2 to 3" gap, mostly clear
Port side generally 75% clogged or greater

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

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

material is clay and mud

biological specimens - ray, fish, blue crab, [redacted] plants

no turtles observed aboard dredge, shrimp boat reported relocation of a loggerhead @ 18:05

debris was netting, rope, clothing, line, wood, metal bolt, etc.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments Location
Bottlenose Dolphin	2	5	off tow, behind two dildos shrimp boa

Observers On Duty: C. Daringer, B. Witt

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 05 / 15 / 03 – Thursday

Loads Numbers: 323 - 332

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.100'N / 94° 38.861'W To 29° 18.968'N / 94° 38.695'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B = 1010 - 1011, Seas S 2-6', Wind S/SE 10-16K, temp ≈ 82-88°F CC = 70-90%. Hazy

Range of H2O Surface Temperature: 80 °F

Condition of Screening and Deflectors: MARGINAL; MOST OF MATERIAL BEING PUMPED OUT TOP OF BOXES B/C OF CLAY CLOGGING GATE. STBD SIDE (FORE) CONSTANTLY BEING POPPED OPEN & WITH 5" GAP AT BOTTOM WHEN CLOSED. DRAGHEADS & 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):

MOSTLY CLAY; some blue crabs, rays, thorny-like oyster shells, whelk shells, catfish, and lots of debris – nets, lines, ropes, fabric, plastics, metal, wood, etc.

Bridge Watch Summary

Species	Time # of Sightings	# of Animals	Comments
OLIVE-NOSED DOLPHIN	1509	3 29° 18.975'N / 94° 38.683'W	aft of 2 Didos
	1320	4 " 19.948 / " 39.628	South of ship
		2 " " .23 / " " .08	" " "
		5 " " .21 / " " .13	north " "

Observers On Duty: C. DERINGER & B. WITT

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 05 / 16 / 03 - Friday

Loads Numbers: 333 - 335

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 18.887'N / 94° 38.606'W to 29° 19.295'N / 94° 39.185'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B=1010, WIND SSW 20-25K (up from S 10-20K), SEAS SSW 5-7' (up from S, 2') air temp ≈ 83°F overcast

Range of H2O Surface Temperature: 80°F

Condition of Screening and Deflectors: MODERATE - PACKED WITH CLAY & DEBRIS STBD (Fore) - OPEN; Gate bent & could not close or kept opening during load; PORT (Fore) - Packed 100% w/ clay & debris ea. load.

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

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

Clay! Lots of netting, plastics & line along with other debris

(*) @ 0700; Came in for repairs to Stbd main engine. Part ordered. got H2O & fuel; Repairs complete on 5/17/03 @ 1630.

During down time; cleaned boxes thoroughly & along w/ overflow grates. STBD (fore) box - grate chained to close semi-permanently.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: C. DERINGER ; B. WITT

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 05 / 17 / 03 - SATURDAY

Loads Numbers: 336 - 337

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.383'N / 94° 39.204'W & 29° 18.886'N / 94° 38.572'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B = 1010/1011, S/SE 5-15 K, SE 2-4', 83-88°F

Range of H2O Surface Temperature: 80° F

Condition of Screening and Deflectors: MODERATE -

Are there incidents involving endangered or protected species? **Yes**____ **No** ✓ (*)

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

(*) TWO DIDOS caught 1 loggerhead - re-located

Clay, blue crab, plant mat.

Bridge Watch Summary

Species	~~# of Sightings~~	# of Animals	Comments
BOTTLENOSED DOLPHIN	@ ? time	2	29° 19.345'N / 94° 39.123'W in channel

Observers On Duty: C. DERINGER & B. WITT

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 05 / 18 / 03 – Sunday

Loads Numbers: 338 - 345

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.008'N/94° 38.512'W – 29°19.019'N/94°38.658'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): H. airs to W 5-10K; Seas confused 1' to SW 1-3', 77°-88°F, overcast to sunny, some rain, B=1010-1013

Range of H2O Surface Temperature: 78°–81°F

Condition of Screening and Deflectors: MODERATE, GRATES STILL CLOGGING W/ CLAY & DEBRIS – NETS, LINES, PLASTICS, WOOD, etc.

Are there incidents involving endangered or protected species? **Yes**____ **No** ✓

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

Two DIDOS picked up a loggerhead & relocated it.

Mostly clay & debris, 3 Blue Crab, 3 common spider crabs, 1 goby, & whelk sp.

Bridge Watch Summary

Species	Time # of Sightings	# of Animals	Comments
Bottlenosed Dolphin	0739	2	29°19.454'N / 94°39.315'W TOS/SW
	1000 / 1045	4 / 1	" " .434'N / " " .265'W TO N & S
			.597'N / .615'W
	1214 / 1320	2 / 1	
	1322 / 1410	2 / 5	29°19.119'N / 94°38.692'W vas. TOC
	1533	3+	" " .254'N / " " .956'W around Ship

Observers On Duty: C. DERINGER & B. WITT

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

WEEKLY SUMMARY

Dates: 05/12/03 (monday) - 05/18/03 (Sunday) Load Numbers: 290 - 345

Areas Worked: (Geographic Names, **Lat /Long**, Stations): 29°19.40'N/94°39.53'W — 29°19.019'N / 94° 38.658'W

Range of H2O Surface Temperature (centigrade): 78 - 81°F

Condition/Effectiveness of Screening and Deflectors: MARGINAL; DEFLECTORS OK. (FORE) SCREENING BOXES CONSTANTLY CLOGGED W/ CLAY & DEBRIS. STBD KEPT OPENING & EVENTUALLY TOO BENT TO CLOSE. WINCHED SHUT W/ CHAIN ON 5/17.

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):

CLAY & LOTS OF DEBRIS, MOSTLY FISHING NETS, LINE, ROPES PLASTICS.

WHELK SP., BLUE CRAB, COMM. SPIDER CRAB, CAT FISH, RAYS, OYSTER-LIKE SP., PLANT MATTER

TWO DIDOS RELOCATED LOGGERHEADS (2); ON: 5/14 @ 1805, 5/17 @ (UNK. TIME) — after 1630

SHIP IN FOR REPAIRS 5/16 0700 to 5/17 1630 — CLEANED BOXES & OVERFLOW SCREENS THOROUGHLY DURING THIS TIME

Bridge Watch Summary of Turtle and Large Whale Sightings

Species	# of Sightings	# of Animals	Comments
ONLY BOTTLE-NOSED DOLPHIN OBSERVED	— SEE DAILY'S		

Observer(s) On Duty J. DERINEER, B. WITT

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 05 / 19 / 03

Loads Numbers: 346 - 356

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.081'N / 94° 38.618'W — 29° 19.109'N / 94° 38.687'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): Wind W 5-10k incr. 10-15k S/SE, seas 1-3ft SW incr. 2-4', B= 1010-1013, 83-94°F, clear skies,

Range of H2O Surface Temperature: 80°F / 26°C

Condition of Screening and Deflectors: FAIR. DEFLECTORS GOOD. BOXES STILL PACKED W/ CLAY & DEBRIS, STBD (FORE) HAS GAP ON STBD SIDE OF GRATE (3") WHERE IT'S UNLATCHED — OPP. SIDE CLOSED W/ CHAIN BINDER, BUT GIVING ALSO.

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

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

CLAY, SOME MUD, DEBRIS; WOOD, FISHING NETS & LINES, etc.

WORMS, WHELKS, PLANT MATTER, Blue CRAB, CATFISH, MISC FISH SP.,

Bridge Watch Summary

Species	TIME # of Sightings	# of Animals	Comments
BOTTLENOSED	0756	5+	29° 19.[redacted]'N / 94° 39.[redacted]'W to west of ship - feeding in g. group
DOLPHIN	1431	8+	424 / 366
			" " .259 / " " .007 following trawler

Observers On Duty: C. DERINGER / B. WITT

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 05 / 20 / 03

Loads Numbers: 357 - 373

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 18.967'N / 94° 38.486'W — 29° 18.928'N / 94° 38.611'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): 83-90°F, B= 1012-1018, lt. airs, S/SE swell 1-3', 10% cc, Sunny

Range of H2O Surface Temperature: 80-82°F

Condition of Screening and Deflectors: FAIR; LOTS OF DEBRIS, MUD & CLAY CLOGGING BOXES; STBD (FORE) JAMMED OPEN W/ 6-8" GAP AT BOTTOM.

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 AREA BEING CUT; CLAY W/ LOTS OF MUD! & DEBRIS.

SEAWEED SP., WORM SP.

Bridge Watch Summary

Species	Time # of Sightings	# of Animals	Comments
Bottlenosed Dolphin	1959	2	EN ROUTE TO DUMP
	1526/29	1/10+	IN CHANNEL @ 29° 18.701'N
	1553/57	1/3	94° 38.218'W
	1600	3	
	1448/57	3/2	IN CHANNEL/EN ROUTE TO DUMP
	1300	9	29° 19.693'N / 94° 38.164'W
	0912/0930	2/5	NEAR 2 DIDOS: " " .762 / " " .749
			TO SOUTH OF LOC/BEHIND DIDOS " " .060 / " " .792

Observers On Duty: C. DERINGER & B. WITT

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 05 / 21 / 03 - Wednesday

Loads Numbers: 374 - 388

Areas Worked: (Geographic Names, Lat /Long, Stations): 29°19.027'N / 94°38.669'W — 29°18.962'N / 94°38.612'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): 77-95°F, 100% CC - overcast, Wind N/NE 10-15K, Seas N/NE 2-5', B = 1018-1020,

Range of H2O Surface Temperature: 26/27°C (80-81°F)

Condition of Screening and Deflectors: FAIR TO MODERATE - CLAY & MUD & DEBRIS CLOGGING BOXES AND OVERFLOW SCREENS; REQ. CONSTANT CLEANING STILL 6-8" GAP AT BOTTOM OF STBD (FORE) BOX.

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

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

CLAY, MUD, DEBRIS

PLANT MATTER, INVERTEBRATES, CRAB, CUTLASS FISH,

Bridge Watch Summary

Species	Time # of Sightings	# of Animals	Comments
Bottlenosed Dolphin	? 1534-1638 BTW	1	IN CHANNEL (29.18.782'N / 94.38.792'W)
"	? 1405-1456	4/2 75yds off stern / iff bow of passing ship	.871 / .596
	0817	2/4 To S of anchorage	To N of dredge .458 / .593

Observers On Duty: C. DERINGER & B. WITT

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 05 / 22 / 03 — Thursday

Loads Numbers: 389- 402

Areas Worked: (Geographic Names, Lat /Long, Stations): 29°18.711'N/94°38.127'W - 29°18.973'N / 94°38.653'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): NNE 10-15k, NNE 1-4', 20%CC, 77-89°F, B= 1018-1020,

Range of H2O Surface Temperature: 80°F - 81°F (26-27°C)

Condition of Screening and Deflectors: GOOD; CLAY & DEBRIS BUILDUP IN BOXES; STBD (FORE) STILL W/ 6-8" GAP @ BOTTOM. OVERFLOW SCREENS NEED CONTINUAL CLEANING.

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

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

CLAY, MUD, DEBRIS

PLANT MATTER, INVERTEBRATES, CRAB SP.,

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NONE			

Observers On Duty: C. DEFINGER / B. WITT

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 05 / 23 / 03 – Friday

Loads Numbers: 403 - 416

Areas Worked: (Geographic Names, Lat /Long, Stations): 29°18.679'N / 94°38.105'W — 29°18.977'N / 94°38.661'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B=1018-1020 / winds N/NE (10K) to lt. airs to E/NE 10-15K to SE 10K // Seas NNE 1-3' to calm to E'ly 2-4' to SE 2-4' / 76-94°F, Sunny; 0% CC-10% CC

Range of H2O Surface Temperature: 26°/27°C / 80°/81°F

Condition of Screening and Deflectors: GOOD; STILL LOTS OF CLAY & DEBRIS, STBD (FORE) GRATE STILL W/ GAP OF 6-8" → GOOD IN THAT IT ALLOWS ANY STANDING H2O TO DRAIN IF GRATE IS CLOGGED & JAMMED BK OF CLAY.

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

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

Remora, Blue Crab, Invertebrates, Worms, Seaweed, Shell sp.,

Clay, mud & Debris

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: C. DERINGER

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 05 / 24 / 03 - Saturday

Loads Numbers: 417 - 423

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 18.977'N / 94° 38.661'W - 29° 18.886'N / 94° 38.294'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): 80-85°F, clear skies, lt. Airs, calm seas, P=1018

Range of H2O Surface Temperature: 80°F / 26°C

Condition of Screening and Deflectors: moderate. still clogging with clay & retaining H2O in Port (fore) box. Still 6'-8' gap at bottom of Stbd (fore) box that aids in draining H2O. Deflectors & overflows 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):

clay, mud & debris along with seaweed, fish sp., shell sp., and misc. invertebrates.

* At 1048. Lost Port Z-drive. @ 1215. underway to dockside for repairs. Not expected to be up-n-running until 5-25-03 sometime.

Bridge Watch Summary

Species	Time # of Sightings	# of Animals	Comments
Bottlenosed Dolphin	0600	11+	@ 29°18.886'N / 94°38.294'W } TO SE SSW OF DREDGE
"	0930	3	in & around channel

Observers On Duty: C. DERINGER, G. FRYE

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON

DAILY REPORT

Date 05 / 25 / 03 - Sun.

Loads Numbers: 424 - 430

Areas Worked: (Geographic Names, Lat /Long, Stations): STATIONS 47+00 TO 51+00

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): SE ~ 10 KTS 2-4' SEAS, PARTLY CLOUDY, WARM

Range of H2O Surface Temperature: 80 - 81 °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):

- THE MATERIAL BEING DREDGED IS CLAY.
- THE BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED GASTROPODS, BIVALVES, MISC. SMALL FISH & SARGASSUM.
- ABIOTIC DEBRIS WAS ABUNDANT.
- DREDGING RESUMED @ 0948
- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. TRUNCATUS	NUMEROUS	5-7	SEEN THROUGHOUT THE DAY IN AND AROUND THE CHANNEL.

Observers On Duty: C. DERINGER & KIRK FRYE

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

WEEKLY SUMMARY

Dates: 05/19/03 (mon.) - 05/25/03 (Sun.) Load Numbers: 346 - 430

Areas Worked: (Geographic Names, **Lat /Long**, Stations): 29°19.081'N / 94°38.618'W — 29°18.977'N / 94°38.661'W STA·S : 47+00 to 51+00

Range of H2O Surface Temperature (centigrade): 80°F - 82°F (26-28°C)

Condition/Effectiveness of Screening and Deflectors: GOOD - Stbd (fore) box still w/ 6-8" gap @ bottom - facilitates cleaning. Port (fore) packed ea. load w/ clay & debris

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

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

- Clay, mud, debris
- worm sp, whelk sp., Fish sp., plant matter, blue crab, shell sp.,
- on 5/24 @ 1048 — Lost port z-drive. Docked for repairs. Dredging resumed @ 0948 on 5/25.

Bridge Watch Summary of Turtle and Large Whale Sightings

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty C. DERINGER & G. FRYE

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 05/26/03 - monday

Loads Numbers: 431 - 441

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.043'N / 94° 38.632'W — 29° 18.807'N / 94° 38.090'W 47+00 - 51+00

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): S 5-10K, S 1-3' swell, 90% Cumulostratus & clearing by afternoon, 82° - 86° F B= 1011 - 1015

Range of H2O Surface Temperature: 81° - 82° F

Condition of Screening and Deflectors: GOOD TO FAIR; LOTS OF CLAY & DEBRIS STILL CLOGGING BOX GRATES (FORE) & DRAGHEADS.

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

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

SARGASSUM, SNOOK, BIVALVES, RED FISH, MISC. FISH, SKATE, BLUE CRAB,

@ 0841 - Stbd H2O pump engine down — stbd draghead Not in use. Down [redacted] Resumed @ 1405

Bridge Watch Summary

Species	Time # of Sightings	# of Animals	Comments
Bottle-nosed Dolphin	0711 7+		29 19.043'N / 94 38.721'W (To SE)
	0903 5+		29.19.999'N / 94 38.707'W
	1104 1		" " .020'N / " " .472'W (To S. of dredge doing a tail slap)
	?	Numerous 3-4	?
	?	5-7	
	?	3-4	Bow riding

Observers On Duty: C. DERINGER & G. FRYE

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON

DAILY REPORT

Date 05/27/05

Loads Numbers: 442 - 451

Areas Worked: (Geographic Names, Lat /Long, Stations): STATIONS 47 TOO TO 51 TOO

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): NE - NNE ~ 15 - 25 KTS 2-4' SEAS, OVERCAST

Range of H2O Surface Temperature: 80 - 81 °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):

- THE MATERIAL BEING DREDGED IS CLAY.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED BIVALVES, MISC. FISH & SARGASSUM.
- ARTIFICIAL DEBRIS WAS ABUNDANT.
- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.
- DREDGING WAS OCCASIONALLY DELAYED DUE TO THE CLOGGING AND CLEANING OF THE DRAGHEADS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. TRUNCATUS	NUMEROUS	INDIVIDUALS	SEEN CONTINUOUSLY
	THROUGHOUT THE	DAY FEEDING & BOW RIDING	
	IN AND AROUND THE	CHANNEL	

Observers On Duty: C. DERINGER & CHRISTYE

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 05 / 28 / 03 — Wednesday

Loads Numbers: 452 - 462

Areas Worked: (Geographic Names, Lat /Long, Stations): 47+00 TO 51+00

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): NE 15-20K easing to ESE 10-5K, NE 3-5' decr. to ESE 2-3', 80°F, 10/10 cc to partly cloudy, B=1020

Range of H2O Surface Temperature: 81 - 80°F (27-26°C)

Condition of Screening and Deflectors: FAIR TO MODERATE - LOTS OF CLAY; DRAGHEADS DUG OUT EACH LOAD (BY ABS); BOXES PACKED; GAP IN STBD (FORE) WIDENING A LITTLE.

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

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

CLAY, MUD, ABIOTIC DEBRIS

→ SARGASSUM, MISC SEAWEED SP., FISH SP.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	0703	3+	29° 17.323'N / 94° 39.170'W } To South of this loc.
/	1004	5	" " 28.098'N / " 38.669'W } To SW
↓	?	4-6	?

Observers On Duty: C. DERINGER ; G. FRYE

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 05 / 29 / 03 – Thursday

Loads Numbers: 463 – 474

Areas Worked: (Geographic Names, Lat /Long, Stations): 47 ᵗᵒᵒ to 51 ᵗᵒᵒ

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B=1020, wind & seas westerly to light & var. to southerly; 5-10K / 1-2'W to 10K / 1-2'S, clear skies 78°F to ?

Range of H2O Surface Temperature: 80°-81°F (26-27°C)

Condition of Screening and Deflectors: moderate to Good; clay load variable. Std. (fore) gap varies w/ amt. of clay 6-8" to 8-12". Lots of sargassum.

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

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

Clay, debris, mud

– Sargassum, fish sp., gastropod sp., bivalve sp., flounder, drum, catfish,

– Still digging clay out of dragheads after ea. load.
– overflow screens cleaned every other load.

Bridge Watch Summary

Species	#of Sightings	# of Animals		Comments
T. truncatus	0930	6	South of	29° 18.085'N / 94° 37.987'W – aggressive behaviors
	0713	1	NE of	" " .875 / " 38.453
	0737	1	SE of	" " .654 / " " .033
	0615	3	N of	" " .880 / " " .507

Observers On Duty: C. DERINGER & G. FRYE

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship canal

DAILY REPORT

Date 5 / 30 / 03

Loads Numbers: 475 - 485

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 18.845 N/ 94° 38.845 W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B4, wind 15-20 kts sea 3-5', partly cloudy, 86°-88°F

Range of H2O Surface Temperature: 79-80°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):

clay, seaweed, various plastic debris

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
I. ~~truncatus~~ truncatus	2	3	

Observers On Duty: S. Medford & C. Deringer

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Shipping Channel

DAILY REPORT

Date 5 / 31 / 03

Loads Numbers: 485 → 495

Areas Worked: (Geographic Names, Lat /Long, Stations): 29°19.605'N / 94°38.069°W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B3-4 wind SW 15-20kts air 77°→85°F, partly cloudy, Seas 1-5'

Range of H2O Surface Temperature: 79°→80°F

Condition of Screening and Deflectors: good, clean

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

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

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: S Medford & C. Deringer

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Shipping Channel

DAILY REPORT

Date 6 / 1 / 03

Loads Numbers: 495 - 504

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 19.178' N / 94° 38.783 W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B3, 1-3' sea wind South 5-10kts, air 88° → 82° F clear ~ partly cloudy

Range of H2O Surface Temperature: 79° - 80° 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):

Clay, Seaweed and debris (net, line, misc. plastic)

6-2-03 cyd:

* Found out that Two Didgs caught another loggerhead today (6-1-03) - Sometime between noon & midnight.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: S. Medford & C. Deringer

Dredge: Newport

Project: Galveston Shipping Channel

WEEKLY SUMMARY

Dates: 5 / 26 / 03 - 6 / 01 / 03 Load Numbers: 431 - 504

Areas Worked: (Geographic Names, **Lat /Long**, Stations): 29° 18.807' N / 94° 38.090 W

Range of H2O Surface Temperature (centigrade): 78°-80°F (24-26°c)

Condition/Effectiveness of Screening and Deflectors: clean and occasionally clogged w/ clay. cvd: stbd box (fore) still has gap @ bottom ≈ 6-8" wide, Port Box (fore) still clogging up w/ clay often.

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

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

Dredged material : Clay

By-catch - Snook, Redfish, Skate, Bluecrab, Sargassum

- Ø turtle / whale sightings.

- Lots of abotic material such as net, line, plastic, metal

cvd: As of 5/31; Two Didos have caught 5 loggerheads & 1 Kemp's Ridley

↳ 6-1-03 caught 6th loggerhead (btw. noon & midnight.)

→ Gap still 6-8" (sometimes 8-12") on stbd (fore) box.

→ last few days of wk., clay loading in front of hopper level with boxes.

→ Dragheads have to be cleared often of clay & overflow screens cleaned every other load during day.

Bridge Watch Summary of Turtle and Large Whale Sightings

Species	# of Sightings	# of Animals	Comments
T. truncatus	multiple Daily	multiple (5-8)	in and around channel feeding and bowriding

Observer(s) On Duty G. Frye C. Deranger S. Medford

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Shipping Channel

DAILY REPORT

Date 6 / 2 / 03

Loads Numbers: 505 - 514

Areas Worked: (Geographic Names, Lat /Long, Stations): 29°19.107'N / 94°38.141'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): sea 3-5', cloudy/clear skys wind S 10-15kts

Range of H2O Surface Temperature: 79°-80° F

Condition of Screening and Deflectors: clear

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

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

Dredged - clay, seaweed, various Debris (plastic, line, netting, trash)

- no biological specimens

cvd: old plastral bone found in [redacted] port bow

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: S. Medford & C. Deringer

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Shipping Channel

DAILY REPORT

Date 6 / 3 / 03

Loads Numbers: 515 - 524

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 18.678" / 94° 38.684" W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B 2-4, seas 1-4'
wind calm ~ 15kts from South, partly/mostly cloudy, 85°-75°F

Range of H2O Surface Temperature: 79°-80°F

Condition of Screening and Deflectors: clear

Are there incidents involving endangered or protected species? **Yes**_____ **No**_____

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

Dredged, clay, seaweed (sargassum), & debris (various plastic, line, netting)
- Ø biological specimens

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	3	0805 - at above location

Observers On Duty: C. Deringer & S. Medford

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 6 / 4 / 03

Loads Numbers: 525 - 534

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 18.797 N / 94° 38.350 W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B 4 - 10-15 kts SE/SSE Sea 2'-6', Rainy/clear (PM)

Range of H2O Surface Temperature: 79°-81° F

Condition of Screening and Deflectors: clear

Are there incidents involving endangered or protected species? **Yes**_____ **No**_____

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

Dredged - clay debris, seaweed

Bridge Watch Summary

Species	Time # of Sightings	# of Animals	Comments
T. truncatus	0920	2	to NE of position

Observers On Duty: C. Deringer & S. Medford

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Shipping Channel

DAILY REPORT

Date 6 / 5 / 03

Loads Numbers: 534 - 544

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 18.998' N / 94° 38.585' W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B 3-4 wind NE/SE 10-15 kts seas 2-5', Overcast/Rainy

Range of H2O Surface Temperature: 79°-80° F

Condition of Screening and Deflectors: clear ovd: stbd (fore) box still w/ 6-8" gap. Port side (fore) box continually clogging w/ clay. Lots of clay packed into deflectors.

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

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

Dredged clay, seaweed & misc. Debris (Line, net, plastics)
ovd: Catfish

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T truncatus	3	3 total	feeding @ ~1300-1400 hrs

Observers On Duty: C. Deringer & S. Medford

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 6 / 6 / 03

Loads Numbers: 544 - 551

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 18.998'N / 94° 34.585'W — 29° 18.959'N / 94° 38.680'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): wind: seas Southerly 5-10k, 3-5' decr. to 1-3', 84°F, Partly cloudy, humid.

Range of H2O Surface Temperature: 80-81°F

Condition of Screening and Deflectors: GOOD; STBD (FORE) STILL HAS 6-8" gap. LOADS VARY BTW. HEAVY AMTS. OF CLAY & MODERATE TO LITTLE AMTS. Overflow screens have been 80% clear majority of time.

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

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

→ Downtime for [redacted] docking; took on fuel & water, groceries, etc. from 1030 to 1800.

→ material is clay, some mud & sargassum.

→ Catfish & Blue Crab

→ misc. debris in boxes & sometimes in dragheads — netting, plastics, cable, fishing line & hooks, glass, wood, etc.

→ No whale/turtle sightings

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	1	feeding
	3	2-3	feeding/traveling

Observers On Duty: S. MEDFORD & C. DERINGER

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 6 / 7 / 03

Loads Numbers: 552 - 563

Areas Worked: (Geographic Names, Lat /Long, Stations): 29°18.667'N/94°38.105W
32°00 - 42°00

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): clear B 1-2
light breeze, Sea 1-2'

Range of H2O Surface Temperature: 80°-81° F

Condition of Screening and Deflectors: clear

Are there incidents involving endangered or protected species? Yes_____ No_____

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):
Dredged = clay, sargassum, misc. Debris

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	24	10	feeding bow riding

Observers On Duty: G. Frye & S. Medford

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Shipping Channel

DAILY REPORT

Date 6 / 09 / 03

Loads Numbers: 563-571

Areas Worked: (Geographic Names, Lat /Long, Stations): 29°18.668'N / 94°38.115'W
Stns: 32^+00 - 42^+00

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B1 light breeze
Seas: calm → 1-2', clear skys

Range of H2O Surface Temperature: 80°-82°F

Condition of Screening and Deflectors: good - clear

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

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

Dredged: clay, Sargassum, misc. Debris (plastic, line, netting, trash)
- biological specimens - 3 catfish (Arius felis) & 1 Bonnethead shark (Sphyrna tiburo), 1 Flounder

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	3	1, 4-5, 7-8	feeding at sea & near trawler

Observers On Duty: G. Frye & S. Medford

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

WEEKLY SUMMARY

Dates: 06/02/03 - 06/08/03 Load Numbers: 505 - 571

Areas Worked: (Geographic Names, **Lat /Long**, Stations): STATIONS 47+00 TO 51+00 AND 32+00 TO 42+00

Range of H2O Surface Temperature (centigrade): 79° - 82° F

Condition/Effectiveness of Screening and Deflectors: SCREENS AND DEFLECTORS ARE IN GOOD CONDITION

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):

- THE MATERIAL BEING DREDGED IS CLAY.
- BIOLOGICAL SPECIMENS OBSERVED IN SCREENING INCLUDED CATFISH, FLOUNDER, A BONNETHEAD SHARK, BLUE CRAB & SARGASSUM.
- ABIOTIC DEBRIS WAS ABUNDANT AND CONSISTED OF ROPE, LINE, CLOTHING, WOOD, METAL, NET & OTHER ASSORTED TRASH
- NO INCIDENTS INVOLVING PROTECTED SPECIES OCCURRED.

Bridge Watch Summary of Turtle and Large Whale Sightings

Species	# of Sightings	# of Animals	Comments
T. TRUNCATUS	CONTINOUS OBSERVATION OF RESIDENT POD CONSISTING OF 8-10 INDIVIDUALS		

Observer(s) On Duty C. DERINGER, S MEDFORD, G. FRYE

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 6 / 4 / 03

Loads Numbers: 572 - 590

Areas Worked: (Geographic Names, Lat /Long, Stations): Stns. 32+00 - 42+00, 27°19.090'N / 94°38.862'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B1-4 clam calm seas → 3' ~~27°19.090'N / 94°38.862'W~~ wind: light breeze to S 10-15 kts, clear skys, 80-85°F

Range of H2O Surface Temperature: 80° - 82°F

Condition of Screening and Deflectors: good, some clay

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

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

Dredged: clay, misc debris (trash, net, line)

Biological specimens: C. caretta (on load 573)

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	multiple	1 ~ 5-6	feeding at trawler, bowriding

Observers On Duty: G. Frye, S. Medford, S. Cushner

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 6 / 10 / 03

Loads Numbers: 581 - 589

Areas Worked: (Geographic Names, Lat /Long, Stations): stn: 37^too - 42^too
29°19.609'N / 94°38.619'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B4, seas 4'-6', S wind 10-20kts, temp. 85°-95°F, cloudy

Range of H2O Surface Temperature: 80°-82°F 26-28°C

Condition of Screening and Deflectors: clean/clay

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

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

Dredged: clay, sargassum, debris (trash, line, netting)

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	4-5	feeding

Observers On Duty: S Cushner & S. Medford

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Shipping Channel

DAILY REPORT

Date 6 / 11 / 03

Loads Numbers: 591-597

Areas Worked: (Geographic Names, Lat /Long, Stations): stn. 32^too - 42^too, 29°19.793'N | 94°38.014'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B4- 20-10 kts wind SE sea 4'-6', air temp 85-90°F, cloudy

Range of H2O Surface Temperature: 80°-82°F

Condition of Screening and Deflectors: clear, good condition

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

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

Dredged: clay, sargassum, debris (trash, line, plastic, netting)

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	Multiple	2-5	Bowriding & Feeding

Observers On Duty: S. Cushner & S. Medford

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship. Channel

DAILY REPORT

Date 6 / 12 / 03

Loads Numbers: 597 - 606

Areas Worked: (Geographic Names, Lat /Long, Stations): 29°18.997'N / 94°38.76'W
stn: 32^too - 42^too

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): BY, wind SSW 15-20 kts
sea 4-6', cloudy, 85-95°F

Range of H2O Surface Temperature: 81°-82°F

Condition of Screening and Deflectors: clay, 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):

Dredged: clay, sargassum/debris/trash/line/netting

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	multiple (220)	5-10	feeding before storm

Observers On Duty: S. Cushner & S. Medford

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Shipping Channel

DAILY REPORT

Date 6 / 13 / 03

Loads Numbers: 607-615

Areas Worked: (Geographic Names, Lat /Long, Stations): Stn 32 TSS 42 TSS, 29°19.116'N / 94°38.954'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B4, wind S-NE 10-25 kts seas 2'6', overcast during day, storms at night, air 85-90°F

Range of H2O Surface Temperature: 80-82°F

Condition of Screening and Deflectors: day / clear

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

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

Dredged: clay, sargassum, debris (line, net, trash)

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	Multiple	4-10	Bow riding / feeding

Observers On Duty: S. Cushner / S. Medford

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 6 / 14 / 03

Loads Numbers: 616-623

Areas Worked: (Geographic Names, Lat /Long, Stations): Stn: 37 to 42 to
29°19.143°N / 94°37.377w

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): BF, wind SSE 10-15 kts, sea 3-6', 85-95°F, cloudy

Range of H2O Surface Temperature: 81-82°F

Condition of Screening and Deflectors: clay but 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):
Dredged: clay, sargassum, ~~seaweed~~ Debris (net, trash, line)

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	4	10 total	feeding

Observers On Duty: S. Cushner / S. Medford

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship channel

DAILY REPORT

Date 6 / 15 / 03

Loads Numbers: 624-633

Areas Worked: (Geographic Names, Lat /Long, Stations): stn: 37^TOO - 42^TOO
29°18.412'N / 94°38.539'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): 75°-85°F, sea 1-2' swell, sea wind 5-10kts, sea 1-2'

Range of H2O Surface Temperature: 81°-82°F

Condition of Screening and Deflectors: clean / 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):
Dredged - clay, sarg (Sargassum), debris (trash, net, line)

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	Multiple	23-28	feeding / bowriding

Observers On Duty: S. Cushner / S. Medford

Dredge: Newport

Project: Galveston Ship Channel

WEEKLY SUMMARY

Dates: 6/09/03 - 6/15/ Load Numbers: 572 - 633

Areas Worked: (Geographic Names, **Lat /Long**, Stations): stns: 32^too - 47^too (1-3)
29°18.412'N/94°38.539'W

Range of H2O Surface Temperature (centigrade): 28°-29°C

Condition/Effectiveness of Screening and Deflectors: good screening gets clogged easily w/ dredged material, biological specimens tend to blow out of box and not stay on screen

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

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

Dredged: Clay, debris, Sargassum

By catch: 1 Caretta caretta (Load 573)

Bridge Watch Summary of Turtle and Large Whale Sightings

Species	# of Sightings	# of Animals	Comments
T. truncatus	Multiple	≈ 75	feeding/bow riding

Observer(s) On Duty G. Fave / S. Medford / S. Cushner

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galv. Ship Channel

DAILY REPORT

Date 6 / 16 / 03

Loads Numbers: 634 - 643

Areas Worked: (Geographic Names, Lat /Long, Stations): Stn 2: 42[00] - 47[00]
29°19.306'N / 94°38.117W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B3-4 wind 5-20 kts
Sea 1'-4', air 85-99°F, clear

Range of H2O Surface Temperature: 81-82°F

Condition of Screening and Deflectors: good, much clay

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

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

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	Multiple	11	feeding, bowriding

Observers On Duty: _____

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 06 / 17 / 03 — Tuesday (4)

Loads Numbers: 644 — 651

Areas Worked: (Geographic Names, Lat /Long, Stations): 42+00 - 47+00

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B=1013, SE 10K, SE 1-2' 83-98°F, SOME SHOWERS, Cumulonimbus 30%

Range of H2O Surface Temperature: 29-31°C

Condition of Screening and Deflecters: FAIR; STBD (FORE) BOX CHAINED CLOSED; BOTH PACKED W/ CLAY (Bottom 1/4 of box). DIFFICULT TO CLEAN & DRAIN H_2O FOR INSPECTION.

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

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

* CREW CHANGE; C. DERINGER ON / SETH MEDFORD OFF

→ Debris: al. cans, netting, fishing line, rope, misc. debris
→ Seaweed, whelk sp., misc. shell sp., Catfish, Worm sp.
→ Material is clay

NOTE: LOADS 649 & 650: clay in forward part of hopper packed ½ way up boxes before dumping.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	3	6	feeding
	multiple	15-20	bow riding
	3	4-6	" "
	3	5	" "
	2	3	feeding
	multiple	4	bow riding

Observers On Duty: C. DERINGER / S. CUSHNER

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 6 / 18 / 03 Wednesday

Loads Numbers: 652 – 6601

Areas Worked: (Geographic Names, Lat /Long, Stations): section #2 - 42+00 to 47+00
29°19.388 N / 94°39.396 W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): calm seas most of day
84-97°F, squall line of showers during AM, light airs to S@10knots

Range of H2O Surface Temperature: 30°C

Condition of Screening and Deflectors: good, but very packed w/ hard clay material -

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

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):
Material is hard packed clay. Debris found: rope, netting, plastic, cloth, etc. Sargassum is still found in screens, but not as thick as previous days. Catfish, blue crabs, + a stingray were found in screens. Boxes are still so packed w/ clay they are NOT draining water. Starboard box is the more challenging of the two to drain - both full w/ thick clay. Hopper is filled w/ clay to at least bottom discharge boxes.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: C. DERINGER / J. CUSHNER

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 6 / 19 / 03 – Thursday

Loads Numbers: 662 – 668

Areas Worked: (Geographic Names, Lat /Long, Stations): 42+00 – 47+00 TO 37+00 – 42+00

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): S/SW 5-10K, Seas Calm, 90°F, β=1012, 10% CC

Range of H2O Surface Temperature: 30°C

Condition of Screening and Deflectors: GOOD; Both forward boxes permanently fixed shut. Clay level varies but able to clear boxes ca. load, unless hopper loads are full.

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

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

Material: Clay
Debris; nets, tires, plastic, fishing lines, cable, glass, rocks, wood, etc.
Also: Blue crab, catfish, ray, shell sp., seaweed,
CREW CHANGE @ 1430 – S. CUSHNER OFF / S. MEDFORD ON
Load 668 – digging with Port side arm only.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1245	2	So. of 29.19.519.N / 94.39.413.W
(*) juv. Spotted too!		7	bowriding
		4	feeding
		6	bowriding

Observers On Duty: C. DERINGER / S. CUSHNER

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 6 / 20 / 03

Loads Numbers: 669-675

Areas Worked: (Geographic Names, Lat /Long, Stations): Sth 2: 37+00-42+00
29°18.643'N / 94°38.908'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B2-3 light wind → 10-15kts SE
sea-calm → 2'-3', 85-92°F, partly cloudy

Range of H2O Surface Temperature: 81-83° 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):

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	multiple	8-10	Bowriding/feeding

Observers On Duty: C. Deringer / S. Medford

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

DAILY REPORT

Date 6 / 21 / 03 — Saturday

Loads Numbers: 676 - 683

Areas Worked: (Geographic Names, Lat /Long, Stations): 37 TOW - 42 TOW

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): Calm seas ; Lt. Airs, 10% CC, 102°F, NICE DAY! ☺

Range of H2O Surface Temperature: 82-88°F

Condition of Screening and Deflectors: MODERATE — BOTH PERMANENTLY SHUT STILL. LOADS VARY IN CLAY AMTS.

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

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

CLAY & SOME MUD, ROCK
DEBRIS — PLASTICS, NETTING, LINE, ROPE, CABLE, etc.
1 HERMIT CRAB, SEAWEED

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	1	Feeding
	1	3	Boat riding
	1	2	"
	2	6+	"

Observers On Duty: C. DERINGER / S. MEDFORD

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 6 / 22 / 03 – Sunday

Loads Numbers: 684 – 690

Areas Worked: (Geographic Names, Lat /Long, Stations): 37+00 – 45+00 Back n-Fill

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B=1010 SSW – S 10-15K, SSW/S 3-4', 100°F

Range of H2O Surface Temperature: 82-87°F

Condition of Screening and Deflectors: FAIR

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

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

Clay! Sargassum, Debris

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	3	Bow riding
	1	1	feeding

Observers On Duty: C. DERINGER / S. MEDFORD

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

WEEKLY SUMMARY

Dates: 06/16/03 (Monday) - 06/22/03 (Sunday) Load Numbers: 634 - 690

Areas Worked: (Geographic Names, Lat /Long, Stations): 42 too, 47 too, 37 too

Range of H2O Surface Temperature (centigrade): 81°-88°F

Condition/Effectiveness of Screening and Deflectors: FAIR, Both sides port (fore) ~~boxes~~ permanently closed. Most material is shot up out of top. Unable to drain H2O on some loads, ∴ unable to ✓ contents of box

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

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

- Lots of clay, some mud.
- Seaweed, shell sp., catfish, ~~hermit~~ crab sp., worm sp., blue crab,
- Debris: plastics, netting, line, rocks, wood, etc.

Bridge Watch Summary of Turtle and Large Whale Sightings

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty C DERINGER / S. CUSHNER / S MEDFORD

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship Channel

DAILY REPORT

Date 6 / 23 / 03

Loads Numbers: 691 - 697

Areas Worked: (Geographic Names, Lat /Long, Stations): stn 2 : 42^too - 45^too
29°19.105'N / 94°38.894'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B3 wind SE 10-15 kts
Sea 2'-3', partly Cloudy, ~85°F

Range of H2O Surface Temperature: 82-83°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):
Dredged clay, sargassum, debris (trash, line, net)

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	2	bowriding

Observers On Duty: C. Deringer & S. Medford

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: Newport

Project: Galveston Ship. Channel

DAILY REPORT

Date 6 / 24 / 03

Loads Numbers: 698

Areas Worked: (Geographic Names, Lat /Long, Stations): 42+00-45+00-stn 2
29°19.231'n / 94°38.179'w

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): B3 sea 2'-3'
wind SE 10-15 kts, partly cloudy / clear, 85°F

Range of H2O Surface Temperature: 83°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):

Dredged clay, sargaroum, debris (trash, net, line)

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: S. Medford

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: NEWPORT

Project: GALVESTON SHIPCHANNEL

DAILY REPORT

Date 06 / 25 / 03

Loads Numbers: N/A

Areas Worked: (Geographic Names, Lat /Long, Stations): N/A at anchor

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): —

Range of H2O Surface Temperature: —

Condition of Screening and Deflectors: —

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

Comments (type of material being dredged, biological specimens, turtle and whale sightings, etc):
USACE SURVEY FINAL RESULTS IN

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: C. DERINGER / S. MEDFORD

Dredge: NEWPORT

Project: GALVESTON SHIP CHANNEL

WEEKLY SUMMARY

Dates: 06/23/03 (monday) - 06/25/03 (wednesday) Load Numbers: 691 - 698

Areas Worked: (Geographic Names, **Lat /Long**, Stations): 42+00 - 45+00

Range of H2O Surface Temperature (centigrade): 83° F

Condition/Effectiveness of Screening and Deflectors: FAIR

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

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

CLAY & DEBRIS, SEAWEED, FISH sp., SOME MUD
SHELL sp., ROCKS, BLUE CRAB

DREDGING FINISHED 3am 6/24 — at anchor
FINAL SURVEY DONE BY USACE 9a-12p 6/24
RESULTS IN 6/25 —

Bridge Watch Summary of Turtle and Large Whale Sightings

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty C. DERINGER / S. NIEDFORD