ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *PADRE ISLAND* / NATCO
Galveston Harbor Entrance - USACE, Galveston District - 1996

DAILY REPORT

Date: 12 / 06 / 96 Loads: 1-3

Area(s) Worked: N 29° 20' W 94° 43'

Weather Conditions: partly cloudy to hazy, seas 1-2', winds 10-15 Knots

Range of H_2O Temperature: Surface _____ Below Mid-Depth _____

Condition of all screening apparatus: Good

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

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

Dredging mud and sand.

Debris found in baskets included rope, trash, wood, plastic tarp, fishing line, plastic & clay.

Discharges are opened & cleaned of debris whenever needed.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	2	near buoy 11

Observer(s) On Duty: Leslie Sprague, Chris Mason

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *PADRE ISLAND* / NATCO
Galveston Harbor Entrance - USACE, Galveston District - 1996

DAILY REPORT

Date: 12/07/96 Loads: 4 to 11

Area(s) Worked: N 29°20' W 94°43'

Weather Conditions: clear - heavy fog, seas calm - 1' (small swells), winds 10-15 knt

Range of H_2O Temperature: Surface 63-64° F Below Mid-Depth

Condition of all screening apparatus: GOOD

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

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

Material dredging is sand, mud & some clay.

Debris found in discharges included rope, plastic, line, trash, tire, cloth, socks,

Discharges opened & cleaned as often as needed.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	6	20-22	in channel

Observer(s) On Duty: Chris Mason, Leslie Sprague

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *PADRE ISLAND* / NATCO
Galveston Harbor Entrance - USACE, Galveston District - 1996

DAILY REPORT

Date: 12 / 08 / 96 Loads: 12 to 20

Area(s) Worked: N 29°20' W94°43'

Weather Conditions: clear -, winds 10-25knots, seas ~1', air temp58°-70° F

Range of H_2O Temperature: Surface 63-64°F Below Mid-Depth

Condition of all screening apparatus: GOOD

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

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

Material dredged is sand, & mud.

Debris taken included plastic, cloth, rope, line, wood, fishing tackle, netting, part of beach chair, copper tubing, rags, shoe, flounder

Discharges opened + cleaned as often as needed.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	5	10	in channel

Observer(s) On Duty: Leslie Sprague, Chris Mason

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *PADRE ISLAND* / NATCO
Galveston Harbor Entrance - USACE, Galveston District - 1996

WEEKLY SUMMARY

Dates: 12/06/96 - 12/08/96 Loads: 1 to 20

Range of H_2O Temperature: Surface 63-64°F Below Mid-Depth

Area(s) Worked: N 29°20' W 94°43'

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

Comments:

All screening equipment & discharges in Good condition.

Material dredged is sand, with some mud + clay.

Debris found in discharges included trash, rope, wood, plastic, fishing line, tackle, a tarp, tire, cloth, socks, netting, copper tubing, rags, shoe, part of beach chair, flounder.

Discharges are opened & cleaned as often as is needed to remove debris.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	12	32-34	in channel

Observers On Duty: Leslie Sprague, Chris Mason

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *PADRE ISLAND* / NATCO
Galveston Harbor Entrance - USACE, Galveston District - 1996

DAILY REPORT

Date: 12 / 09 / 96 Loads: 21 to 27

Area(s) Worked: N 29° 20' W 94° 43' sta. 150+00 → 200+00

Weather Conditions: clear, seas 1-3', wind 5-15 knots

Range of H_2O Temperature: Surface 64°F Below Mid-Depth

Condition of all screening apparatus: GOOD

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

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

Material dredged is sand

Debris taken in discharges included plastic, rope, net frisbee, cloth rags, roots, cables, wood, steel, pipewrench, tackle, flounder, rocks

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	8	22	in channel

Observer(s) On Duty: Leslie Sprague, Chris Mason

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *PADRE ISLAND* / NATCO
Galveston Harbor Entrance - USACE, Galveston District - 1996

DAILY REPORT

Date: 12/ 10/ 96 Loads: 28 to 32

Area(s) Worked: N 29°20' W 94°43'

Weather Conditions: partly - mostly cloudy, wind 5-20 Knots, air temp 65°-71°F

Range of H_2O Temperature: Surface 63-65°F Below Mid-Depth

Condition of all screening apparatus: GOOD

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

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

Dredging material is sand.

Debris found in discharges included plastic, wood, line, cable, alum. cans, steel, reel

*Due to mechanical problems, we were not able to dump for a while so, the dredge performed agitation until repairs were completed.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	3	3	in channel

Observer(s) On Duty: Leslie Sprague, Cheis Mason

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *PADRE ISLAND* / NATCO
Galveston Harbor Entrance - USACE, Galveston District - 1996

DAILY REPORT

Date: 12 / 11 / 96 Loads: 34 to 38

Area(s) Worked: stations 150+00 → 200+00 (clean-up channel)

Weather Conditions: clear - hazy/overcast, winds 5-15 knots, seas 1'-3', air 65°-67°F

Range of H_2O Temperature: Surface 64°-66°F Below Mid-Depth

Condition of all screening apparatus: GOOD

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

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

Material dredged was sand.

Debris found in discharges included trash, plastic, frisbee, cloth, metal, wood, tarp, netting, burlap bag, fish, line, rags, tackle, monofilament, tire.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	5	14	in channel & on dump site

Observer(s) On Duty: Leslie Sprague, Chris Hason

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *PADRE ISLAND* / NATCO
Galveston Harbor Entrance - USACE, Galveston District - 1996

DAILY REPORT

Date: 12/12/96 Loads: 39 to 44

Area(s) Worked: 150+00 → 250+00 sta. - clean-up channel

Weather Conditions: heavy fog - clear, seas calm - 3', wind 2-10 knots

Range of H_2O Temperature: Surface 45° F Below Mid-Depth

Condition of all screening apparatus: GOOD

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

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

Material dredged was sand.

Debris found in discharges incl: wood, line, plastic, tackle, rags, metal, trash, rubber, rocks, tire, shells, cable, crab trap, wire, tarp

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	5	9	in channel

Observer(s) On Duty: Leslie Sprague, Chris Mason

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *PADRE ISLAND* / NATCO
Galveston Harbor Entrance - USACE, Galveston District - 1996

WEEKLY SUMMARY

Dates: 12/09/96 - 12/12/96 Loads: 21 to 44

Range of H_2O Temperature: Surface 63-66°F Below Mid-Depth

Area(s) Worked: N 29°20' W 94°43'

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

Comments: Material dredged was sand

Debris taken in discharges included:
wood, plastic, rope, netting, frisbees, rags, roots, cables, steel, shells, pipewrench, tackle, flounder, rocks, alum. cans, eel, tarps, burlap bag, fish, line, tires, monofilament, rubber, crab traps.

No endangered species sighted.

All equiptment in GOOD condition.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	21	48	all in Galveston ship channel.

Observers On Duty: Leslie Sprague, Chris Mason

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *PADRE ISLAND* / NATCO
Galveston Harbor Entrance - USACE, Galveston District - 1996

DAILY REPORT

Date: 3 / 29 / 97 Loads: #1 thru #3

Area(s) Worked: 29°20' N Long 94°42' W Lat

Weather Conditions: fog-partly cloudy, winds + seas calm

Range of H_2O Temperature: Surface 80°F Below Mid-Depth 78°F

Condition of all screening apparatus: GOOD

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

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

Dredge Padre Island began dredging load #1 in Galveston Bay Entrance Channel at 0705. Observer Stacy Knight was aboard + assumed watch. Observer Leslie Sprague arrived at 1500. Both observers went over procedures for checking screens, dragheads, etc.

Material dredged was sand.
Debris found in screens included: cloth, netting, plastic, wood, line, rope, trash, cable + whelk shells.
Biological debris included cannonball jellyfish.

Tursiops truncatus was the only species sighted today.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	2	5	near buoy 10

Observer(s) On Duty: Stacy Knight, Leslie Sprague

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *PADRE ISLAND* / NATCO
Galveston Harbor Entrance - USACE, Galveston District - 1996

DAILY REPORT

Date: 3/30/97 Loads: # 4 - #9

Area(s) Worked: 29°20 N LAT 94°42' W LONG

Weather Conditions: Lightening - Ptly cldy, light chop, 10-15 KNTS

Range of H_2O Temperature: Surface _____ Below Mid-Depth 71° 72°

Condition of all screening apparatus: Good

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

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

STACIE Knight observed 23:30 to 11:30, THEN LESLIE SPRAGUE FROM 11:30 TO 23:00

Material dug was sand.
DeBris found in screens + drag head consisted of Plastics, Rope, line, Cloth TIRES, Timber, and cloth. Biological Material included Blue crabs, Jellyfish, Sting Ray,

Tursiops truncatus was the only sp. sighting

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	3	6	in the channel Btwn #9 + #10

Observer(s) On Duty: Stacy Knight, Leslie Sprague

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge *PADRE ISLAND* / NATCO
Galveston Harbor Entrance - USACE, Galveston District - 19~~96~~97

WEEKLY SUMMARY

Dates: 3/29/97 - 3/30/97 Loads: #1 through #9

Range of H_2O Temperature: Surface 80°F Below Mid-Depth 71-78°F

Area(s) Worked: 29°20' N Long 94°42' W Lat

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

Comments: Dredge Padre Island began dredging load #1 in Galveston Bay Entrance channel at 0705 on Sat. 3/29/97. Observers are Stacy Knight + Leslie Sprague.

Material dredged this week was sand. Debris found in screens + dragheads included: cloth, netting, plastic, wood, line, rope, trash, cable, tires + whelk shells.

Biological debris included: cannonball jellyfish, blue crabs + a stingray.

Tursiops truncatus was the only species sighted this week.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	5	13	between buoys #9+10

Observers On Duty: Stacy Knight, Leslie Sprague

ENDANGERD SPECIES OBSERVER PROGRAM
Dredge *PADRE ISLAND* / NATCO
Galveston Harbor Entrance - USACE, Galveston District - 1996

DAILY REPORT

Date: 3 / 31 / 97 Loads: # 10 - # 13

Area(s) Worked: 29° 20 / 94° 42'

Weather Conditions: Partly cloudy, light chop, Wind 10-15 Kts

Range of H_2O Temperature: Surface 71°F Below Mid-Depth 67° F

Condition of all screening apparatus: Good

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

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

- Material dredged was sand
- DEBRIS Found in Draghead and screens included TRASH, cloth, tires, Rope, line
- BIOLOGICAL MATERIAL Found consisted of Fish, JELLYFISH, STINGRAY, BLUE CRAB
- LEAVING GALVESTON For FreePORT

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
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Observer(s) On Duty: Stacie Knight, LESLIE SPRAGUE