ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: BE LINDHOLM

Project: Houston Ship Channel (HSC)

DAILY REPORT

Date 09 / 29 / 02

Loads Numbers: 01

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 31'N / 94° 53'W

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

Range of H2O Surface Temperature:

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):

Yesterday's load was considered a test dig. Today starts with #1. Weather inshore (sheltered) is calm but out at dumpsite weather is a little more brisk. Ocean 10-15k on wind but still nice.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observers On Duty: C. Reedy

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: B. E. Lindholm

Project: Houston Ship Channel

DAILY REPORT

Date 09 / 30 / 02

Loads Numbers: 2 - 6

Areas Worked: (Geographic Names, Lat /Long, Stations): 29°31'N / 94°53'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): BSS 1 / SE 5-10K 30-34°F / Pt. Cloudy

Range of H2O Surface Temperature: 32°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):

BIOTA: Unid fish

ABIOTA: Trash, wood

Dredged Material: Clay, mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	All morning	6-12	In channel, off shore, bow riding

Observers On Duty: Wolf Linge C. Reedy

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: BE LINDHOLM

Project: HSC

DAILY REPORT

Date 10 / 01 / 02

Loads Numbers: 7 - 11

Areas Worked: (Geographic Names, Lat./Long, Stations): Houston Shipping Channel between beacons 59 and 61

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): BSS 2-3, winds SE 15-20K, partly cloudy, 88°F

Range of H2O Surface Temperature: 82° - 83°F

Condition of Screening and Deflectors: good condition

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 = clay, mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	All day	10-20	In/around channel

Observers On Duty: C. Leedy + Wolf Lange

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: B. E. Lindholm

Project: HSC

DAILY REPORT

Date 10 / 02 / 02

Loads Numbers: 12 - 14 (35 - 37)

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 31' N / 94° 53' W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): BSS 2 - 3 / ESE 15-25K 1-3' seas / Pt. Cloudy / 82° - 83° 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):

Due to vessel digging here before, load #'s have changed to conform with previous sequence: 12=35, 13=36, 14=37, etc...

BIOTA: Unid Tuna

ABIOTA: Shell, Trash,

Dredged Material: Clay, mud

After load # 37, vessel will be going to dock in Galveston to wait out Hurricane Lili

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	All Day	10 - 20	Throughout work area

Observers On Duty: Wolf Langer +

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: BE LINDHOLM

Project: HSC

DAILY REPORT

Date 10 / 03 / 02

Loads Numbers: 38 - 39

Areas Worked: (Geographic Names, Lat /Long, Stations): 29°31'N / 94°53'W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): BSS 1-2, 86°F, partly cloudy, winds NNW 10-15 kts.

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):

material dredged = clay, mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	all afternoon	10 - 20	Throughout Channel

Observers On Duty: C. Lady + Wolf Lange

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: B. E. Lindholm

Project: HSC

DAILY REPORT

Date 10 / 04 / 02

Loads Numbers: 40 - 44

Areas Worked: (Geographic Names, Lat /Long, Stations): 29° 31' N / 94° 53' W

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): BSS 1-2 / SW 5-15 K / 1-3' seas / Pt. Cloudy / 80° - 90° 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):

BIOTA: Menhadden

ABIOTA: Trash, Wood, Rope, Cable

Dredged Material: Clay, Mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	All morning	5-10	Throughout work area

Observers On Duty: Wolf Lange, Chad Leady

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: BE LINDHOLM

Project: HSC

DAILY REPORT

Date 10 / 05 / 02

Loads Numbers: 45 - 48

Areas Worked: (Geographic Names, Lat /Long, Stations): Houston Shipping Channel between beacons 59 and 61. (Approx. 29° 31' N / 94° 53' W)

Weather Conditons (sea state, air temp, cloud cover, wind speed & dir.): BSS 1, winds SW 5-15kts, partly cloudy, 80° F

Range of H2O Surface Temperature: 83° F

Condition of Screening and Deflectors: good condition

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 = clay, mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	All day	16	

Observers On Duty: Wolf Lange

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge B. E. Lindholm

Project HSC

DAILY REPORT

Date: 10 / 06 / 02 Loads: 49 - 53

Area(s) Worked: 29° 31' N / 94° 53' W

Weather Conditions: BSS 1-2 / winds variable 2-15K / 1-3' seas / Pt. Cloudy to Cloudy / 78 - 84°F

Range of H_2O Temperature: Surface 83°F Below Mid-Depth 81°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.):

BIOTA: None

ABIOTA: Trash, Wood

Dredged Material: Clay, Mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	All day	6-20	Throughout work area

Observers On Duty: C. Leedy + Wolf Lange

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: BE LINDHOLM

Project: HSC

WEEKLY SUMMARY

Dates: 09 / 26 / 02 - 10 / 06 / 02 Loads: 23

Range of H_2O Temperature: Surface 82 - 83°F Below Mid-Depth 80 - 81°F

Area(s) Worked: 29°31'N / 94°53'W

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

Comments:

BIOTA: Menhadden, Unid Tuna

ABIOTA: Trash, Wood, Cable, Rope,

Dredged Material: Clay, Mud

Several extra days are added to this weekly: First ~~two~~ thru days of start up dealt with coming out of shipyard and sea trials. First true dig was taken on previous Sunday.

Screening is good.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	16 Days	5-20	Throughout work area

Observer: C. Leedy

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge: BE LINDHOLM

Project: HSC

DAILY REPORT

Date: 10 / 07 / 02 Loads: 54 - 58

Area(s) Worked: 29°31'N / 94°53' W

Weather Conditions: BSS 1-3, winds SW 5-8kts - N 14-18kts, mostly cloudy + rain, 78°F

Range of H_2O Temperature: Surface 83°F Below Mid-Depth 81°F

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.):

BIOTA: Unid Crab, Shrimp, Fish

material dredged = clay mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	all day	9-19	throughout channel

On Duty: G. Reedy + Wolf Lange

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge B. E. Lindholm

Project HSC

DAILY REPORT

Date: 10/08/02 Loads: 59 - 63

Area(s) Worked: 29° 31' N 94° 53' W

Weather Conditions: BSS 2-3 / winds variable 8-20K / 2-3' seas / Pt - Mostly Cloudy w/Rain / 76-83

Range of H_2O Temperature: Surface 83 °F Below Mid-Depth 81 °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.):

BIOTA: Unid Fish, Flatfish, Blue Crab, Croaker

Abiota: Trash, Wood, Hose

Dredged Material: Clay, Mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	Most all day	2 - 20	Throughout work area

Wolf Lange C. Fendley

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge BE LINDHOLM

Project HSC

DAILY REPORT

Date 10 / 09 / 02 Loads: 64 - 68

Area(s) Worked: 29°31'N / 94°53'W

Weather Conditions: BSS 2-1, winds SW 8-10 → NW 8-10, mostly cloudy + rain, 75°F

Range of H_2O Temperature: Surface 83°F Below Mid-Depth 81°F

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.):

material dredged = clay, mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	all day	16 - 24	Throughout channel

C. Reedy + Wolfhange

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge B. E. Lindholm

Project HSC

DAILY REPORT

Date: 10 / 10 / 02 Loads: 69 - 70

Area(s) Worked: 29° 31' N 94° 53' W

Weather Conditions: BSS 1-2/NNW 8-14/ Pt. to Mostly Cloudy / 73 - 75°F

Range of H_2O Temperature: Surface 83°F Below Mid-Depth 81°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.):

BIOTA: Unid Fish (skimmers)

ABIOTA: Trash, Wood

Dredged Material: Clay, Wood

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	8	

Observer: C. Leahy

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge BE LINDHOLM

Project HSC

DAILY REPORT

Date 10 / 11 / 02 Loads: 71 - 75

Area(s) Worked: 29° 31'N / 94° 53'W

Weather Conditions: BSS 1, winds NW 5-10 kts, partly cloudy, 73°F

Range of H_2O Temperature: Surface 77°F Below Mid-Depth 75°F

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.):

material dredged = clay, mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	all day	15-30	throughout work area

C. Leedy + Wolf Lange

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge B. E. Lindholm

Project HSC

DAILY REPORT

Date: 10 / 12 / 02 Loads: 76 - 80

Area(s) Worked: 29° 31' N 94° 53' W

Weather Conditions: BSS 1, winds N 5-10kts, partly cloudy, 74°F

Range of H_2O Temperature: Surface 77°F Below Mid-Depth 75°F

Condition of all screening apparatus: good condition

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

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

BIOTA: Menhadden

ABIOTA: Trash, Wood, Tire

Dredged Material: Clay, Mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	all day	33 - 43	

Observers On Duty: Wolf Lange, Chad Reedy

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge B. E. Lindholm

Project HSC

DAILY REPORT

Date: 10 / 13 / 02 Loads: 81 - 85

Area(s) Worked: 29°31'N / 94°53'W

Weather Conditions: BSS 1-2 / N to NE 10-20k / 1-3' seas / Pt. Cloudy / 70-77°F

Range of H_2O Temperature: Surface 77 Below Mid-Depth 75

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.):

BIOTA: Catfish, unid Fish, Menhadden, Anchovy sp.

ABIOTA: Trash, Wood, Rock, Metal.

Dredged Material: Clay, Mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	All day	10 - 20	Throughout work area

Observer On Duty: C. Leedy

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge BE LINDHOLM

Project HSC

DAILY REPORT

Date: 10 / 14 / 02 Loads: 86 - 90

Area(s) Worked: 29°31'N / 94°53'W

Weather Conditions: BSS 1-2 / ENE 5-20K / 1-3' seas / Pt. Cloudy to Raining / 63-72°F

Range of H_2O Temperature: Surface 77°F Below Mid-Depth 75°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.):

BIOTA: Barracuda, Unid Fish, Threadfin Herring, Menhadden, Cutlass Fish

ABIOTA: Trash, Wood, Chain, Plastics, Wire

Dredged Material: Clay, Mud

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	All afternoon	5-20	Throughout work area

Observer: C. Feely

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge B. E. LINDHOLM

Project HSC

DAILY REPORT

Date: 10 / 15 / 02 Loads: 91 – 94

Area(s) Worked: 29° 31'N / 94° 53' W Bouys 59-62

Weather Conditions: BSS 1-3, N, NE 5-15 kts, 1-2' Seas, PHCloudy - Clear, 62-70°F

Range of H_2O Temperature: Surface 77 – 73°F Below Mid-Depth 75 – 71°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.):

BIOTA: 1 Gafftopsail Catfish, 4 MENHADEN, 1 SPOT, 1 unidentified fish; 2 unidentified catfish

ABIOTA: WOOD, PLASTIC, TRASH, SHELL

Dredged Material: CLAY & MUD

Condition of SCREENS GOOD & EFFECTIVE.
Condition of TED'S GOOD

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	All-Day	6-16	Throughout work / Disposal Areas
T. truncatus	@ 14:04	11	Wake surfing

C. Reeder / N. Ennisky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.F. LINDHOLM

Project: HSC

DAILY REPORT

Date 10 / 16 / 02 Load Numbers 95 - 99

Area(s) Worked 29° 31'N / 94° 53'W Buoys 59-62

Weather Conditions (incl. sea conditions) BSS 1-2 / winds variable 0-12K / 1-2' seas / Pt Cloudy / 64-70°F

Range of Water Temp., Surface 73°F Below Mid-Depth 71°F

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.):

BIOTA: Menhadden, Catfish

ABIOTA: Shell, Wood, Trash, Wire, Cable, Plastic

Dredged Material: Clay, Mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	10-20	All day Throughout work area

Observer Initials: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B. E. LINDHOLM

Project: HUSTON SHIPPING CHANNEL

DAILY REPORT

Date 10 / 17 / 02 Load Numbers 100 - 104

Area(s) Worked 29°31' N 94°53' W BOUYS 59-62

Weather Conditions (incl. sea conditions) BSS 1-2, SEAS 1-2, Partly Cloudy, 70-75°F, WINDS 0-10KT

Range of Water Temp., Surface 73°F Below Mid-Depth 71°F

Condition and Effectiveness of Screening SCREENING IN GOOD CONDITION AND EFFECTIVE; TED'S IN GOOD CONDITION

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.):

NO TURTLES WERE SIGHTED OR TAKEN. NO WHALES WERE SIGHTED.

DREDGED MATERIAL CONTINUES TO BE MUD & CLAY WITH SOME SHELLS (OYSTER) IN IT.

BY-CATCH INCLUDES 4 UNIDENTIFIED FISH, 1 CATFISH, 1 CUTLASS FISH, & 1 MENHADEN

ABIOTIC MATERIALS INCLUDE PLASTIC, WOOD, TRASH, CABLE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	25-30	THROUGHOUT DIG & DISPOSAL SIGHT ALL DAY LONG

Observer N. PAVINSKY / C. LEERY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. LINDHOLM

Project: HSC

DAILY REPORT

Date 10 / 13 / 02 Load Numbers 105 - 109

Area(s) Worked 29° 31'N / 94° 53' W

Weather Conditions (incl. sea conditions) BSS 2-4 / NW, SW 10-20K / 1-6' swells / Cloudy / 68-73°F

Range of Water Temp., Surface 73°F Below Mid-Depth 71°F

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.):

BIOTA: None

ABIOTA: Trash, Wood, Plastic

Dredged material: Clay, Mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Terrapins	5-10	Afternoon Throughout work area

Observer Name: [illegible]

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. LINDHOLM

Project: HSC

DAILY REPORT

Date 10 / 19 / 02 Load Numbers 110 - 114

Area(s) Worked 29°13'N / 94°53'W Bouys 59-62

Weather Conditions (incl. sea conditions) OVERCAST/RAIN, SEAS 3-6', BSS 2-4, NW 10-35 kts, 68-76 F

Range of Water Temp., Surface 78° - 72°F Below Mid-Depth 74° - 70°F

Condition and Effectiveness of Screening SCREENING IN GOOD CONDITION & EFFECTIVE. TED's IN GOOD CONDITION.

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.):

NO TURTLES TAKEN OR SIGHTED. NO WHALES SIGHTED.

DREDGED MATERIAL IS MUD & CLAY.

BY-CATCH INCLUDES 1 CATFISH & 1 UNIDENTIFIED FISH.

ABIOTIC MATERIALS INCLUDE WOOD, TRASH & PLASTIC

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	2-6	17:45 NEAR DUMPSITE

Observer / Indicator C. Leedy / N. ZAVINSKY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: BE LINDHOLM

Project: HSC

DAILY REPORT

Date 10 / 20 / 02 Load Numbers 115 - 119

Area(s) Worked 29°31'N / 94°53'W Buoys 59-62

Weather Conditions (incl. sea conditions) BSS 2-3 / ESE 5-20K / 1-4' seas / Clear - Raining / 72-79°F

Range of Water Temp., Surface 72°F Below Mid-Depth 70°F

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.):

BIOTA: Unid Fish, Unid Skate, Shrimp, Unid Crab, Menhadden

ABIOTA: Trash, Wood, Plastic

Dredged Material: Clay, Mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T truncatus	2-10	All day Throughout work area

Observer [illegible] [illegible]

ATTN: JIM RAGE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. LINDHOLM

Project: HSC

DAILY REPORT

Date 10 / 21 / 02 Load Numbers 100 - 123

Area(s) Worked 29° 31' N / 94° 53' W Buoys 59-62

Weather Conditions (incl. sea conditions) BSS 1-3, SEAS 1-2', CLEAR-SHOWERS, 68°F-72°F WIND VARIED 5-20kts

Range of Water Temp., Surface 72°F Below Mid-Depth 70°F

Condition and Effectiveness of Screening SCREENING IN GOOD CONDITION & EFFECTIVE

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.):

NO TURTLES OR WHALES SIGHTED. NO TURTLES TAKEN.

BY-CATCH INCLUDES 1 UNIDENTIFIED CRAB

MATERIAL BEING DREDGED [redacted] CONTINUES TO BE MUD & CLAY. ABIOTIC DEBRIS INCLUDES WOOD, PLASTIC, TRASH

TED'S IN GOOD CONDITION.

DREDGING STOPPED AFTER THIS LOAD DUE TO COLLISION WITH TANKER ENROUTE TO DISPOSAL SITE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	15-20	THROUGHOUT WORK AREA.

Observer(s) on duty N. ZAVINSKY / C. LEEDY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: BE. LINDHOLM

Project: HUSTON SHIPPING CHANNEL

DAILY REPORT

Date 11 / 23 / 02 Load Numbers 124 – 124

Area(s) Worked 29°31'N / 94°53'W BOUYS 59-62

Weather Conditions (incl. sea conditions) BSS 2, SEAS 2-3', LIGHT AIRS, 68°F –

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

Condition and Effectiveness of Screening SCREENING IN GOOD CONDITION & EFFECTIVE DEFLECTORS IN PLACE & IN GOOD CONDITION

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.)

ENDANGERED SPECIES OBSERVERS CHAO LEEDY & NICKIE ZAVINSKY ABOARD VESSEL @ 0200 HRS. VESSEL DEPARTS SHIPYARD @ ~ 1651 DESTINATION JOBSITE.

MATERIAL BEING DREDGED IS MUD & CLAY

BIOTA: None

ABIOTA: Battery, Wood, Plastic, Rope

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
/		

C. LEEDY / N. ZAVINSKY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. LINDHOLM

Project: HUSTON SHIPPING CHANNEL

DAILY REPORT

Date 11 / 24 / 02 Load Numbers 125 - 129

Area(s) Worked 29° 31'N 94°53'W BOUYS 59-62

Weather Conditions (incl. sea conditions) CLEAR, BSS2, winds 0-10kts, SEAS 1-3' 68°-74°F

Range of Water Temp., Surface 64°F Below Mid-Depth 64°F

Condition and Effectiveness of Screening SCREENING IN GOOD CONDITION & EFFECTIVE

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 BEING DREDGED IS MUD & CLAY

BY-CATCH INCLUDES 1 BLUE CRAB, 1 STONE CRAB, 1 UNIDENTIFIED FLAT FISH, 2 MENHADEN, 1 MOONFISH, 2 SKATE, 2 UNIDENTIFIED CRAB, 2 UNIDENTIFIED FISH.

ABIOTIC DEBRIS INCLUDES IRON PIPE, TIRE, WOOD, PLASTIC, OYSTER SHELLS, NETTING, TRASH, ROPE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	10-12	THROUGHOUT WORK AREA DUMPSITE AREA

C. LEEDY / N. ZAWASKY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. LINDHOLM

Project: HUSTON SHIPPING CHANNEL

WEEKLY SUMMARY

Dates 11 / 23 / 02 - 11 / 24 / 02 Load Numbers 124 - 129

Range of Water Temp., Surface 64°F - 64°F Below Mid-Depth 64°F - 64°F

Areas Worked (lat/longs, stations) 29° 31'N / 94°53'W Bouys 59-62

Are there incidents involving endangered or protected species? YES (NO)

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

ENDANGERED SPECIES OBSERVERS C. LEEDY & N. ZAVINSKY BOARD VESSEL @ 0200 ON 11/23/02. VESSEL DEPARTS SHIPYARD TO RESUME DREDGING @ 1551. SCREENING IN GOOD CONDITION & EFFECTIVE MATERIAL BEING DREDGED IS MUD & CLAY.

DEFLECTORS IN PLACE & IN GOOD CONDITION

BY-CATCH INCLUDES 1 BLUE CRAB, 1 STONE CRAB, 1 UNIDENTIFIED FLAT FISH 2 MENHADEN, 1 MOON FISH, 2 SKATE, 2 UNIDENTIFIED CRAB, 2 UNIDENTIFIED FISH.

ABIOTIC DEBRIS INCLUDES IRON PIPE, TIRE, WOOD, PLASTIC, OYSTER SHELLS, NETTING, TRASH, ROPE, BATTERY

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
11 / 23	NONE OBSERVED	
11 / 24	Tursiops truncatus 10-12 ANIMALS	THROUGHOUT WORK AREA IN AM
~~11 / 25~~	~~Tursiops truncatus 2-3 ANIMALS IN CHANNEL AM & PM~~	

Observers on duty C. LEEDY / N. ZAVINSKY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: BE LINDHOLM

Project: HSC

DAILY REPORT

Date 11 / 25 / 02 Load Numbers 130 - 134

Area(s) Worked 29° 31'N / 94° 53'W Buoys 59-62

Weather Conditions (incl. sea conditions) BSS2, OVERCAST-CLEAR, SEAS 1-3' 0-5kts N #-

Range of Water Temp., Surface 64°F Below Mid-Depth 62°F

Condition and Effectiveness of Screening SCREENING & TEDS IN GOOD CONDITION AND EFFECTIVE

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.)

BIOTA: 1 Red Drum, 1 Stone Crab, 2 Blue Crab, 1 Unid Catfish, 2 Unid Fish, 1 Unid Flatfish

ABIOTA: Trash, wood, OYSTERSHELL

Dredged material: Clay, Mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	2	0745 IN CHANNED MOVING TOWARDS VESSEL
T. truncatus	3	1230 IN CHANNEL AT SHIPS BOW

Observer's Signature: C. Leedy / N. ZAVINSKY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: BE LINDHOLM

Project: HSC

DAILY REPORT

Date 11 / 26 / 02 Load Numbers 135 - 138

Area(s) Worked 29° 31'N / 94° 53'W Buoys 59-62

Weather Conditions (incl. sea conditions) 0-30K N / BSS 2-3 / 1-4' seas / 59-74°F / Clear to overcast

Range of Water Temp., Surface 64°F Below Mid-Depth 62°F

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.)

BIOTA: Croaker, Unid Flatfish, Unid Drum sp, Unid Fish, Menhadden (Deck)

ABIOTA: Trash, Wood, Shell, Net, Plastic, Cleat, Rope

Dredged material: Clay, Mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	1-4	1045 ~ 1600 Dumpsite + ICW Bow riding

Observer of on duty C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B. E. LINDHOLM

Project: HSC

DAILY REPORT

Date 11 / 27 / 02 Load Numbers 139 - 143

Area(s) Worked 29° 31' N / 94° 53' W

Weather Conditions (incl. sea conditions) OVERCAST/SHOWERS, BSS 3-4, Seas 3-5', N20-25 kts 50-72°F

Range of Water Temp., Surface 64°F Below Mid-Depth 62°F

Condition and Effectiveness of Screening SCREENING & TED's IN GOOD CONDITION & EFFECTIVE

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.)

BIOTA: UNIDENTIFIED CATFISH, UNIDENTIFIED SHRIMP, UNIDENTIFIED FISH, STONE CRAB, BLUE CRAB

ABIOTA: TRASH, SHELL, WOOD, CLAY

Dredged Material: Clay, Mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	8-12	0730-0830 IN TRANSIT AREA
" "	5-6	16:10 @ BOW OF SHIP FOR 4 10 MINUTES

Observer: [illegible] / N. ZAVINSKY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B. E. LINDHOLM

Project: HOUSTON SHIPPING CHANNEL

DAILY REPORT

Date 11 / 28 / 02 Load Numbers 144 - 147

Area(s) Worked 29° 31'N / 94° 53' W Borings 59-62

Weather Conditions (incl. sea conditions) BSSW SEAS 2-5', N 10-25 kts, 50-60°F, PARTY CLOUDY

Range of Water Temp., Surface 64°F Below Mid-Depth 62°F

Condition and Effectiveness of Screening SCREENING & TED'S IN GOOD CONDITION AND EFFECTIVE

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.)

BIOTA: BLUE CRAB, RED DRUM, UNIDENTIFIED FISH, UNIDENTIFIED SHRIMP, CANNONBALL JELLYFISH

ABIOTA: Trash, Wood, PLASTIC

Dredged material: Clay, Mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	2-6	0800-0900 ENROUTE TO DUMP
T. truncatus	2	1545 @ BOW OF SHIP AT BUOY #56

Observer Signature: [illegible] / N. ZAWINSKY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. LINDHOLM

Project: HSC

DAILY REPORT

Date 11 / 29 / 02 Load Numbers 148 - 152

Area(s) Worked 29° 31'N / 94° 53'W Bouys 59-62

Weather Conditions (incl. sea conditions) CLEAR, 66°F, BSS 1-2, SEAS 1-3' SW 10-12 kts

Range of Water Temp., Surface 64 - 60°F Below Mid-Depth 62-58°F

Condition and Effectiveness of Screening SCREENING & TEDS IN GOOD CONDITION AND EFFECTIVE

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

BIOTA: Blue Crab, Menhadden (Deck), Cutlass Fish (Deck) Eelgrass sp, Unid Flatfish Unid Fish

ABIOTA: Trash, wood, Cable, PVC PIPE

Dredged Material: Clay, Mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	20-24	0900-0940 THROUGHOUT TRANSIT AREA

[illegible] / M. Zawinski

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. LINDHOLM

Project: HUSTON SHIPPING CHANNEL

DAILY REPORT

Date 11 / 30 / 02 Load Numbers 153 – 157

Area(s) Worked 29°31'N 94°53'W Bouys 59-62

Weather Conditions (incl. sea conditions) LIGHT BREEZE, BSS, 10-1' SEAS, PARTLY CLOUDY 63-65°F

Range of Water Temp., Surface 60°F Below Mid-Depth 58°F

Condition and Effectiveness of Screening SCREENING IN GOOD CONDITION & EFFECTIVE

TEDS IN GOOD CONDITION & EFFECTIVE

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.)

BY-CATCH INCLUDES UNIDENTIFIED FISH, SKATE & DRUM, AND MENHADEN

ABIOTIC DEBRIS INCLUDES WOOD, TRASH, PLASTIC

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	30+	0945-1045 THROUGHOUT TRANSIT AREA
" "	10-12	1450 BOW RIDING @ Bouy 16

Observer on duty C. Purdy / N. ZAVINSKY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. LINDHOLM

Project: HSC

DAILY REPORT

Date 12 / 01 / 02 Load Numbers 158 - 162

Area(s) Worked 29° 31'N / 94° 53'W Bouys 59-62

Weather Conditions (incl. sea conditions) NE 8-10kts, 62°F, BSS 2, SEAS 1-3, PARTLY CLOUDY

Range of Water Temp., Surface 60°F Below Mid-Depth 58°F

Condition and Effectiveness of Screening SCREENING & TEDS IN GOOD CONDITION AND EFFECTIVE.

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.)

BIOTA: Menhadden, Croaker, Unid Fish, Unid Skate

ABIOTA: Trash, wood, Cable, Tire, PLASTIC

Dredged Material: Clay, Mud, [redacted]

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	6-12	0945-01045 THROUGHOUT TRANSIT AREA

[illegible] / N. Zawinsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. LINDHOLM

Project: HUSTON SHIPPING CHANNEL

WEEKLY SUMMARY

Dates 11 / 25 / 02 - 12 / 01 / 02 Load Numbers 130 - 162

Range of Water Temp., Surface 64°F - 60°F Below Mid-Depth 64°F - 58°F

Areas Worked (lat/longs, stations) 29°31'N 94°53'W Bouys 59-62

Are there incidents involving endangered or protected species? YES (NO)

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

SCREENING & TED'S IN GOOD CONDITION AND EFFECTIVE.
MATERIAL BEING DREDGED IS MUD & CLAY

BY-CATCH INCLUDES RED DRUM, STONE CRAB, BLUE CRAB UNIDENTIFIED CATFISH, UNIDENTIFIED FISH & FLATFISH, UNIDENTIFIED DRUM, CROAKER, UNIDENTIFIED SHRIMP, CANONBALL JELLYFISH, CUTLASSFISH, MENHADEN, EELPONT SPECIES

ABIOTIC DEBRIS INCLUDES PLASTIC, TRASH, WOOD, OYSTER SHELL, NETTING, CLEAT, ROPE, CLAY, PVC PIPE, CABLE, TIRE

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
11 25	TURSIOPS truncatus 2-3 ANIMALS IN CHANNEL DURING AM & PM	
11 26	Tursiops truncatus 1@ 10:45 Dumpsite, 4@ 1610 near KW Bow Riding	
11 27	" " 8-12 @ 0730-0830 IN TRANSIT AREA; 5-6 @ 1610 SHIPS BOW [illegible]	
11 28	" " 2-6@ 0800-0900 ENROUT TO DUMP, 2@ 1545 [illegible] SHIP [illegible]	
11 29	" " 20-24@ 0900-0940 THROUGHOUT TRANSIT AREA, 2@ 1400 LEAVING [illegible]	
11 30	" " 30+@ 0900-1045 THROUGHOUT TRANSIT AREA; 10-12 @ 1450 BOW RIDING [illegible]	
12 01	" " 6-12 0945-1045 THROUGHOUT TRANSIT AREA	

[illegible] C. LEEDY / N. ZAVINSKY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. LINDHOLM

Project: HSC

DAILY REPORT

Date 12 / 02 / 02 Load Numbers 163 - 167

Area(s) Worked 29° 31'N / 94° 53'W ; Bouys 59-62

Weather Conditions (incl. sea conditions) OVERCAST/W/LIGHT FOG/HAZE, BSS2, SEAS 2-4' LIGHT BREEZE,

Range of Water Temp., Surface 60° F Below Mid-Depth 58° F

Condition and Effectiveness of Screening SCREENING & TED'S IN GOOD CONDITION AND EFFECTIVE

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.)

BIOTA: Drum sp, Blue Crab, Stone Crab, Croaker, Unid Shrimp, UNIDENTIFIED FISH

ABIOTA: Trash, Wood, PLASTIC, CLAY, SHELL, METAL

Dredged Material: Clay, Mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	3-6	1040 THROUGHOUT TRANSIT AREA

Observer(s): C. Reedy / N. Zawinsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B. E. LINDHOLM

Project: HSC

DAILY REPORT

Date 12 / 03 / 02 Load Numbers 168 - 170

Area(s) Worked 29° 31' N / 94° 53' W Buoys 59-62

Weather Conditions (incl. sea conditions) HEAVY FOG/RAIN, LIGHT BREEZE, 64°F, BSS 2, SEAS 1-3

Range of Water Temp., Surface 60°F Below Mid-Depth 58°F

Condition and Effectiveness of Screening SCREENING IN GOOD CONDITION & EFFECTIVE

TED'S IN GOOD CONDITION & EFFECTIVE.

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.):

BIOTA: GAFFTOPSAIL CATFISH, SKATE, KELP CRAB, CUTLASSFISH, UNIDENTIFIED CATFISH & FISH,

ABIOTA: Trash, Wood, PLASTIC, CLAM

Dredged Material: Clay, Mud

SHIP TIES UP AT ANCHORAGE @ 1445 DUE TO HEAVY FOG / LEAVE FOR SHIPYARD @ 1900 FOR EQUIPMENT TESTING - DREDGING TO RESUME ON 12/4/0

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	5-7	1345-1355 WAKE RIDING NEAR DUMPSITE

Observer(s) on duty C. Ludy / N. Zawinsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B. E. LINDHOLM

Project: HSC

DAILY REPORT

Date 12 / 05 / 02 Load Numbers 173 - 177

Area(s) Worked 29°31'N / 94°53'W

Weather Conditions (incl. sea conditions) NNW 10-~~25~~ 35K / BSS 2-3 / 2-4' seas / overcast / 46°F

Range of Water Temp., Surface 60°F Below Mid-Depth 58°F

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.)

BIOTA: Mold Fish, Blue Crab, Red Drum

ABIOTA: Trash, Wood, Tire

Dredged Material: Clay, Mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty L. Reedy / N. Zawinski

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. LINDHOLM

Project: HUSTON SHIPPING CHANNEL

DAILY REPORT

Date 12 / 06 / 02 Load Numbers 178 – 181

Area(s) Worked 29°31' N 94°53' W; Buoys 59-62

Weather Conditions (incl. sea conditions) CLEAR, 57°F, BSS2, Seas 1-3', NW 10-15 kts

Range of Water Temp., Surface 60°F Below Mid-Depth 58°F

Condition and Effectiveness of Screening SCREENING & TED'S IN GOOD CONDITION & EFFECTIVE

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 IS MUD & CLAY

BY-CATCH INCLUDES BLUE CRAB, CANNONBALL JELLYFISH, MENHADEN, CUTLASSFISH, UNIDENTIFIED SHRIMP & DRUM

ABIOTIC DEBRIS INCLUDES WOOD, TRASH, CLAY, PLASTIC, SHELL

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	6-12	0800-0900 THROUGHOUT TRANSIT AREA

Observers on duty C. LEEDY / N. ZAVINSKY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: R.E. LINDHOLM

Project: HSC

DAILY REPORT

Date 12 / 07 / 02 Load Numbers 182 - 186

Area(s) Worked 29° 31'N / 94° 53'W Buoys 59-62

Weather Conditions (incl. sea conditions) BSSZ, CLEAR, SEAS 1-3'

Range of Water Temp., Surface 60°F Below Mid-Depth 58°F

Condition and Effectiveness of Screening SCREENING & TED'S IN GOOD CONDITON AND EFFECTIVE

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.):

BIOTA: Blue Crab, Unid Fish, Unid Skate, Menhadden, KELPCRAB, CANNONBALL JELLYFISH, UNIDENTIFIED SHRIMP

ABIOTA: Trash, Wood, Tire, CLAY, RUBBER

Dredged Material: Clay, Mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	4-8	1000 NEAR DUMPSITE

Observer(s) on duty C. Leedy / N. ZAVINSKY

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B. E. LINDHOLM

Project: HSC

DAILY REPORT

Date 12 / 07 / 02 Load Numbers 187 - 191

Area(s) Worked 29° 31'N / 94° 53' W

Weather Conditions (incl. sea conditions) N to NE 7-15 K / BSS 2 / 1-4' seas / Cloudy / 60-64°F

Range of Water Temp., Surface 60°F Below Mid-Depth 58°F

Condition and Effectiveness of Screening Good & Effective

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.):

BIOTA: Blue Crab, Red Drum, Croaker, Unid Fish

ABIOTA: Trash, Wood

Dredged Material: Clay, Mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	4 - 12	All day Thru out work area

Observer on duty C. Reedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B.E. LINDHOLM

Project: HUSTON SHIPPING CHANNEL

WEEKLY SUMMARY

Dates 12 / 02 / 02 - 02 / 08 / 02 Load Numbers 163 - 191

Range of Water Temp., Surface 60°F Below Mid-Depth 58°F

Areas Worked (lat/longs, stations) 29°31' N 94°53' W ; Buoys 59-62

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

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

SCREENING & TED'S IN GOOD CONDITION & EFFECTIVE

MATERIAL BEING DREDGED IS MUD & CLAY

BY-CATCH INCLUDES DRUMSPECIES, BLUE CRAB, STONE CRAB, CROAKER UNIDENTIFIED SHRIMP, UNIDENTIFIED FISH, GAFFTOPSAIL CATFISH, KELP CRAB, CUTLASSFISH, MOON FISH, CANNONBALL JELLYFISH, UNIDENTIFIED SKATE, Red Drum

ABIOTIC DEBRIS INCLUDES TRASH, WOOD, PLASTIC, METAL, CLAY, SHELL, TIRE, ANCHORBLOCK, CHAIN

ON 12/03 SHIP TIES UP @ ANCHORAGE DUE TO HEAVY FOG. DREDGING RESUMES @ 1453 on 12/4

@ 1900 on 12/03 ship to yard for equipment testing

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
12 02	Tursiops truncatus 3-6	@ 1040 THROUGH TRANSIT AREA
12 03	Tursiops truncatus 5-7	1345-1535 WAKE RIDING NEAR DUMPSITE
12 04	" " 3-5	1635 WAKE RIDING, IN TRANSIT TO DUMPSITE
12 05	NONE OBSERVED	
12 06	Tursiops truncatus 6-12	0800-0900 THROUGH TRANSIT AREA
12 07	" " 4-8	NEAR DUMPSITE
12 08	T. truncatus 4-12	All day Throughout work area

Observers on duty C. Leedy / N. Zawinsky

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: B. E. LINDHOLM

Project: HSC

DAILY REPORT

Date 12 / 09 / 02 Load Numbers 192 – 192

Area(s) Worked 29° 31' N / 94° 53' W

Weather Conditions (incl. sea conditions) NE 10-15K / BSS 2-3 / 3-4' seas / cloudy w/ rain /

Range of Water Temp., Surface 60°F Below Mid-Depth 57°F

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.):

BIOTA: Wind Fish

ABIOTA: Trash, Wood

Dredged Material: Clay mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty [illegible]

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Houston - Galveston, TX

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: Lindholm

Number of Loads 3 Date 5/13/03 Time ~~00000 - 00000~~

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
193	Ø	—	—	0839 - ← → 29°31.572N 0939 ← → 94°53.400W		
194	Ø	Ø	—	29°31.680N 94° 53.522W	1359-143	
195	Ø	Ø	—	29.31.571 94.53.405	1847-1918	

Comments and Other Observations

J. Scott / A. Zanardi
Observer's Name

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Houston - Galveston TX

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 5 **Date** 5/14/03 **Time** 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
196	Ø	Ø	—	29°31.680 94°53.52	2315-2349	
197	Ø	Ø	—	29°31.928 94°53.708	0418-0455	
198	Ø	Ø	—	29°31.247 94°53.225	0859-1012	
199	Ø	Ø	—	29°30.712 94°52.756	1423-1454	
200	Ø	Ø	—	29.31.749 94.53.618	1905-1942	

Comments and Other Observations

J. Scott / A. Zanardi
Observer's Name

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Houston Galveston Tx

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 5 Date 5/15/03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
201	Ø	Ø	—	29°31.288 94°53.189	2338-2400	
202	Ø	Ø	—	29°31.825 94°53.848	0400-0438	Blue Crab fish
203	Ø	Ø	—	29°31.490 94°53.319	0857-1046	
204	Ø	Ø	—	29.30.430 94.52.544	1343-1420	None
205	Ø	Ø	—	29.30.602 94.52.714	1814-1919	

Comments and Other Observations

J Scott / A. Zanardi
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 4 Date 5/16/03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
206	Ø	Ø	—	29°31.462 94°56.256	2400-0048	
207	Ø	Ø	—	29°30.544 94°52.639	0430-0514	
208	Ø	Ø	—	29°30.961 94°52.916	0914-1003	
209	Ø	Ø	—	29.30.896 94.52.913	2033-2128	

Comments and Other Observations

Anchored @ 1340- Resumed digging @ 2033

J. Scott / A. Zanoni
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 5 **Date** 5/17/03 **Time** 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
210	Ø	Ø	/	29° 31.036 94° 52.994	0117-0209	
211	Ø	Ø	/	29° 30.970 94° 52.935	0536-0630	
212	Ø	Ø	/	29.30.437 94.52.568	1029-1129	
213	Ø	Ø	/	29° 30.725 94° 52.770	1512-1558	
214	Ø	Ø	/	29°31.783 94°53.556	1956-2050	

Comments and Other Observations

J. Scott / A. Zenardi
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 5 Date 5/18/03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
215	Ø	Ø	—	29,31.265 94.53.155	0655-0142	
216	Ø	Ø	—	29,31.271 94.53.160	0520-0603	
217	Ø	Ø	—	29°31.972 94°53.669	1019-1127	
218	Ø	Ø	—	29°31.054 94°52.993	1520-1613	shrimp eel
219	Ø	Ø	—	29°31.459 94°53.283	2008-2100	

Comments and Other Observations

J. Scott / A. Zanardi
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: Lindholm

Number of Loads 5 Date 5/19/03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
220	Ø	Ø	—	29.31.013 94 52.982	0050-0128	
221	Ø	Ø	—	29.31.021 94 52.985	0510-0547	
222	Ø	Ø	—	29°31.157 94°53.096	0937-1028	
223	Ø	Ø	—	29° 31.194 94° 53.094	1424-1506	
224	Ø	Ø	—	29°31.774 94°53.581	~~1424~~ 1854-~~1506~~ 1943	

Comments and Other Observations

J. Scott / A. Zimarski
Observer's Name

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& MANAGEMENT SUPPORT

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 2 Date 5/20/03 Time 1500-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
225	Ø	Ø		29.30.872 94.52.854	1725-1800	Atlantic Stingray
226	Ø	Ø		29.31.044 94.53.037	2200-2240	

Comments and Other Observations

Reduced number of loads due to vessel discrepancy. Anchored at 2240 on 5/19/03 and resumed operation at 1610 on 5/20/03.

J. Scott / A. Zanardi
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Houston-Galveston TX

Dredge Name: B.E. LINDHOLM

Number of Loads 5 Date 5/21/03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
227	Ø	Ø		29.31.748 94.53.922	0226-0256	
228	Ø	Ø		29.31.214 94.53.143	0633-0735	
229	Ø	Ø		29.30.879 94.52.913	1137-1227	
230	Ø	Ø		29.31.021 94.52.993	1642-1733	
231	Ø	Ø		29.38.000 94.53.003	2126-2218	1 Southern Stingray

Comments and Other Observations

J. Scott / A. Zanardi
Observer's Name

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Houston Galveston Tx

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 5 Date 5/22/03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
232	Ø	Ø	Ø	29°31.225 94°53.156	0203 0255	
233	Ø	Ø	Ø	29°30.999 94°52.945	0639 0726	
234	Ø	Ø	Ø	29°31.097 94°53.086	1112-1207	
235	Ø	Ø		29.31.403 94.53.268	1558-1718	
236	Ø	Ø	Ø	29.31.045 94.53.061	2110-2207	

Comments and Other Observations

A. Zanardi / C. Hebel
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

HOUSTON
Galveston
TEXAS

Dredge Name: B.E. LINDHOLM

Number of Loads 5 Date 5/23/03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
237	Ø	Ø	Ø	29°31.538N 94°53.399W	0201 -0315	
238	Ø	Ø	Ø	29°31.789N 94°53.598W	0730- 0821	
239	Ø	Ø	—	29.31.553 94.53.401	1204 - 1254	
240	Ø	Ø	—	29.31.078 94.53.040	1643 - 1726	
241	Ø	Ø	Ø	29.30.989 94.52.940	2121- 2216	

Comments and Other Observations

Observer's Name

FROM :E.E.LINDHOLM FAX NO. :504 884 5283 MAY. 23 2003 11:55AM P2

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Houston-Galveston-Texas

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 5 Date 5/24/2003 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
242	Ø	Ø	Ø	29°31.185N 94°53.116W	0210-0241	
243	Ø	Ø	Ø	29°31.382N 94°53.230W	0629-0716	
244	Ø	Ø	—	29.31.111 94.53.080	1059-1148	
245	Ø	Ø	—	29.31.653 94.53.441	1550-1626	
246	Ø	Ø	—	29.31.015 94.52958	2030-2116	

Comments and Other Observations

Connie Gebel / ALISON ZANARDI
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Houston-Galveston TX

Dredge Name: B.E. LINDHOLM

Number of Loads 5 Date 5/25/2003 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
247	Ø	Ø	Ø	29.31.021 94°52.987	0107-0156	
248	Ø	Ø	Ø	29.31.388N 94°53.214N	0543-0632	
249	Ø	Ø	—	29.30.886 94.52.873	1020-1106	
250	Ø	Ø	—	29.31.346 94.53.206	1451-1540	
251	Ø	Ø	—	29.31.017 94.52.949	1941-2035	

Comments and Other Observations

Connie Webel / A. Canardi
Observer's Name

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Texas

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 5 Date 5/26/2003 Time 2400 - 2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
252	Ø	Ø	Ø	29°30.943N 94°52.900W	0035-0112	
253	Ø	Ø	Ø	29°31.116N 94°53.067W	0448-0531	
254	Ø	Ø	—	29°31.269N 94°53.184W	0925-1027	
255	Ø	Ø	—	29.31.071 94.53.017	1419-1512	
256	Ø	Ø	—	29.31.072 94.53.003	1903-1955	

Comments and Other Observations

Observer's Name

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Houston Galveston Texas

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 6 Date 5/27/03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
257	Ø	Ø	Ø	29.31.049 94.53.011	0000-0025	
258	Ø	Ø	Ø	29.31.594 94.53.437	0401-0449	
259	Ø	Ø	/	29°31.143N 94°53.096W	0848-0943	
260	Ø	Ø	/	29.30.426 94.52.515	1327-1421	
261	Ø	Ø	/	29.31.091 94.53.051	1815-1904	stone crabs
262	Ø	Ø	Ø	29.30.942 94.52.902	2300-2346	

Comments and Other Observations

A Zarardi / Connie Nebel

Observer's Name

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HOUSTON - GALVESTON
TEXAS

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE LINDHOLM

Number of Loads 5 Date 5/28/2003 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
263	Ø	Ø	Ø	29 30.951N 94 52.944W	0328-0411	
264	Ø	Ø	Ø	29.30.939N 94.52.950W	0804-0904	
265	Ø	Ø	—	29.31.362 94.53.278	1316-1445	
266	Ø	Ø	—	29.31.885 94.53.614	1833-1926	
267	Ø	Ø	Ø	29.31.314 94.53.253	2316-2356	

Comments and Other Observations

C. Wessel / A. Zarardi
Observer's Name

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Houston - Galveston
Texas

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 2 Date 5/29/2003 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
268	Ø	Ø	Ø	29 31 157N 94.53.103W	0323-0400	
269	Ø	Ø	Ø	29.31.025 94.52.977	2150-2232	

Comments and Other Observations

Anchored 0703-2030 for water, fuel and hyd. oil
Overflow screens removed.

ALISON ZANARDI / CWebb
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 5 Date 5/30/2003 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
270	Ø	Ø	Ø	29°30.966N 94°52.950W	0212-0247	
271	Ø	Ø	Ø	29°30.990N 94°52.950W	0647-0739	
272	Ø	Ø	—	29.31.494 94.53.366	1136-1222	
273	Ø	Ø	—	29.31.802 94.53.586	1604-1645	
274	Ø	Ø	—	29.31.769 94.53.577	2039-2127	

Comments and Other Observations

Connie Nelee / A. Zanardi
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LUNDHOLM

Number of Loads 5 Date 5/31/03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
275	Ø	Ø	Ø	29°30.996N 94°52.963W	0115-0150	
276	Ø	Ø	Ø	29°31.013N 94°53.013W	0530-0625	
277	Ø	Ø	—	29031.242N 94°53.123W	1022-1124	
278	Ø	Ø	—	29.31.062 94.53.018	1541-1630	
279	Ø	Ø	—	29.31.790 94.53.613	2022-2110	

Comments and Other Observations

A. Zanardi / C. Uebel
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

Houston - Galveston Texas

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 5 Date 6/1/2003 Time 2400 2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
280	Ø	Ø	Ø	29°31.228N 94°53.129W	0054 - 0204	
281	Ø	Ø	Ø	29°31.445N 94°53.283W	0538 - 0630	
282	Ø	Ø	—	29.31.040 94.52.985	1024 - 1119	
283	Ø	Ø	—	29.31.281 94.53.606	1509 - 1559	
284	Ø	Ø	—	29.30.959 94.52.913	1951 - 2038	

Comments and Other Observations

Connie Webel / A. Zanardi
Observer's Name

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Houston-Galveston TX

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 5 **Date** 6/02/03 **Time** 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
285	Ø	Ø	Ø	29°31.069N 94°52.984W	0037-0137	
286	Ø	Ø	Ø	29°31.823N 94°53.609W	0504-0551	
287	Ø	Ø	—	29°31.14N 94°52.994W	0947-1055	
288	Ø	Ø	—	29.29.890 94.52.125	1446-1534	
289	Ø	Ø	—	29.31.479 94.53.352	1929-2010	

Comments and Other Observations

A. Zanardi Bonnie Nickel

Observer's Name

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TX

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. UNDERHILL

Number of Loads 5 **Date** 6/3/2003 **Time** 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
290	Ø	Ø	Ø	29°31.008 94°52.979W	0006-0038	
291	Ø	Ø	Ø	29°31.467N 94°53.296W	0414-0459	
292	Ø	Ø		29°31.085N 94°53.012W	0853-1000	
293	Ø	Ø		29.31.169 94.53.071	1404-1538	
294	Ø	Ø		29.31.618 94.53.934	1940-2030	

Comments and Other Observations

Corner Nebel / A. Zanardi
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 5 **Date** 06/04/03 **Time** 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
295	Ø	Ø	Ø	29° 31.012N 94°53.008N	0039-0154	
296	Ø	Ø	Ø	29031.03N 94°52.993N	0542-0640	
297	Ø	Ø	—	29030.98N 94°52.944N	1032-1128	
298	Ø	Ø	—	29.31.505 94.53.358	1545-1636	
299	Ø	Ø	—	29.31.072 94.53.002	2037-2141	

Comments and Other Observations

A. ZANARDI / [illegible]
Observer's Name

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Houston - Galveston Texas.

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 5 Date 06/05/03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
300	Ø	Ø	Ø	29° 30.901N 94° 52.911W	0157-0245	
301	Ø	Ø	—	29.30.983 94.52.961	0633-0733	
302	Ø	Ø	—	29.31.088 94.53.060	1120-1216	
303	Ø	Ø	—	29.31.232 94.53.149	1657-1758	
304	Ø	Ø	—	29.31.156 94.53.119	2150-2245	

Comments and Other Observations

A. Zanardi / Connie Kobel

Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 4 Date 06/06/03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other
305	Ø	Ø	—	29.31.570 94.53.402	0245-0334	
306	Ø	Ø	—	29.31.920 94.53.100	0732-0820	
307	Ø	Ø	—	29.31.040 94.53.021	1244-1352	
308	Ø	Ø	—	29.31.434 94.53.296	1830-1935	

Comments and Other Observations

ALISON ZANARDI

Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 5 **Date** 06/07/03 **Time** 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
309	0	0	—	29.31.103 94.53.097	0045-0138	
310	0	0	—	29.31.510 94.53.407	0615-0724	1 juvenile hammerhead shark
311	0	0	—	29.31.121 94.53.077	1128-1236	
312	0	0	—	29.31.492 94.53.329	1705-1756	
313	0	0	—	29.31.210 94.53.121	2300-2351	

Comments and Other Observations

ALISON ZANARDI
Observer's Name

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Houston - Galves TX

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 4 Date 06/08/03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
314	Ø	Ø	—	29.31.410 94.53.300	0442-0543	
315	Ø	Ø	—	29.30.875 94.52.885	0957-1054	
316	Ø	Ø	—	29.30.984 92.52.960	1604-1708	
317	Ø	Ø	—	29.31.769 94.53.576	2206-2301	

Comments and Other Observations

ALISON ZANARDI / Marissa Mascolino
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 4 Date 06/09/03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
318	Ø	Ø	Ø	29.31.161 94.53.058	0409-0505	
319	Ø	Ø	Ø	29.31.079 94.52.989	0928-1019	
320	Ø	Ø	—	29.31.801 94.53.560	1516-1618	
321	Ø	Ø	—	29.31.859 94.53.604	2110-2206	

Comments and Other Observations

A. Zanardi / M. Moscolino
Observer's Name

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Houston-Galveston TX

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LUNDKOLM

Number of Loads 4 Date 06/10/03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
322	Ø	Ø	Ø	29.31.437 94.53.570	0241-0337	
323	Ø	Ø	—	29.31.060 94.53.015	0822-0920	
324	Ø	Ø	—	29.31.848 94.53.586	1401-1508	
325	Ø	Ø	—	29.31.094 94.53.004	2002-2053	

Comments and Other Observations

A. Zanardi / M. Mascolino
Observer's Name

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Houston - Galveston TX

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 4 Date 06/11/03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
326	Ø	Ø	Ø	29.31.045 94.53.001	0237-0239	
327	Ø	Ø	Ø	29.31.725 94.53.748	0818-0918	
328	Ø	Ø	Ø	29.31.521 94.53.403	1414-1518	
329	Ø	Ø	Ø	29.30.962 94.52.968	2004-2100	

Comments and Other Observations

M. Mascolino
Observer's Name

Houston / Galveston

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE Linholm

Number of Loads 4 Date 13 June 03 Time 0000-2359

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
335	Ø	Ø	Ø	29.31.778 94.53.569	0403-0456	
336	Ø	Ø	Ø	29.30.854 94.52.891	0847-0940	
337	Ø	Ø	Ø		1338-1430	
338	Ø	Ø	Ø		1825-19-15	
[redacted]	[redacted]	[redacted]	[redacted]			

Comments and Other Observations

Nicole Davis / Marisa Mascolina
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. Lindholm

Number of Loads 5 Date June 14, 2003 Time 0000-2359

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
339	Ø	Ø	Ø	29.30.856 94.52.791	0000-0048	
340	Ø	Ø	Ø		0424-0504	
341	Ø	Ø	Ø		0903-0957	
342	Ø	Ø	Ø	29.31.784 94.53.558	1357-1450	
343	Ø	Ø	Ø		1844-1940	

Comments and Other Observations

Nicole Davis / Marissa Mascolino
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE Linholm

Number of Loads 6 **Date** 15 June 03 **Time** 0000 - 2359

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
341	Ø	Ø	Ø		0000 - 0032	
345	Ø	Ø	Ø	29.30.899 94 52.896	0424 - 0521	
346	Ø	Ø	Ø	"	0914 - 1014	
347	Ø	Ø	Ø	"	1420 - 1500	
348	Ø	Ø	Ø		1857 - 1943	
349	Ø	Ø	Ø		2333 - 2400	

Comments and Other Observations

Nicole Davis / Marissa Mascolino
Observer's Name

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Houston- Galveston TX

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. Lindholm

Number of Loads 4 **Date** June 16, 2003 **Time** 0000-2359

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
350	Ø	Ø	Ø		0427-0526	
351	Ø	Ø	Ø		0957-1058	
352	Ø	Ø	Ø	29.31.481 94.53.367	1530-1626	
353	Ø	Ø	Ø		2006-2058	

Comments and Other Observations

Marissa Mascolino/Nicole Davis
Observer's Name

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Houston-Galveston TX

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE Linholm

Number of Loads 5 Date 17 June 03 Time 0000 - 2359

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
354	Ø	Ø	Ø		0013 - 0136	
355	Ø	Ø	Ø	29.31.617 94.53.523	0519 - 0614	
356	Ø	Ø	Ø		1015 - 1105	
357	Ø	Ø	Ø		1406 - 1500	
358	Ø	Ø	Ø	29.30.958 94.52.966	2001 - 2052	

Comments and Other Observations

Marissa Mascolino / Nicole Davis
Observer's Name

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Houston-Galveston TX

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. Lindholm

Number of Loads 5 Date 6/18/03 Time 0000-2359

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
359	Ø	Ø	Ø	29°31.481 94°53.367	0057-0148	
360	Ø	Ø	Ø		0600-0652	
361	Ø	Ø	Ø		1042-1218	
362	Ø	Ø	Ø		1613-1705	
363	Ø	Ø	Ø		2046-2135	

Comments and Other Observations

Marissa Mascolino / Nicole Davis
Observer's Name

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Houston/Galveston

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE Linholm

Number of Loads 5 Date 19 June 03 Time 0000-2359

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
364	Ø	Ø	Ø	"	0141-0238	
365	Ø	Ø	Ø	"	0626-0720	
366	Ø	Ø	Ø	29.31.220 94.53.142	1116-1206	
367	Ø	Ø	Ø	"	1605-1651	
368	Ø	Ø	Ø	29.31.020 94.53.042	2100-2152	

Comments and Other Observations

Marissa Mascolino / Nicole Davis
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. Lindholm

Number of Loads 5 **Date** 6/20/03 **Time** 0000-2359

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
369	Ø	Ø	Ø	29.30.917 94.52.964	0201-0245	
370	Ø	Ø	Ø		0631-0735	
371	Ø	Ø	Ø		1115-1205	
372	Ø	Ø	Ø		1550-1642	
373	Ø	Ø	Ø		2032-2124	

Comments and Other Observations

Marissa Mascolino / Nicole Davis
Observer's Name

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Houston-Galveston TX

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: DE Linholm

Number of Loads 5 Date 21 June 03 Time 0000-2359

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
374	Ø	Ø	Ø		0114-0204	
375	Ø	Ø	Ø		0600-0656	
376	Ø	Ø	Ø		1045-1126	
377	Ø	Ø	Ø		1521-1615	
378	Ø	Ø	Ø	29.31.138 94.53.083	2006-2057	

Comments and Other Observations

Marisse Mascolino / Nicole Davis
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E Lindholm

Number of Loads 5 Date 6/22/03 Time 0000-2359

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
379	Ø	Ø	Ø		0053 - 0153	
380	Ø	Ø	Ø		0538 - 0650	
381	Ø	Ø	Ø		1054 - 45	
382	Ø	Ø	Ø		1535 - 1624	
383	Ø	Ø	Ø		2014 - 2105	

Comments and Other Observations

Marissa Masolino / Nicole Davis / Mary Lee
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE Linholm

Number of Loads 5 Date 23 June 03 Time 0000-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
384	Ø	Ø	Ø		0051-0142	
385	Ø	Ø	Ø		0529-0616	1 Turtle (Loggerhead outside channel in way to Dump @ 0750 2P 90.05 9.40 40.457
386	Ø	Ø	Ø		1010-1105	
387	Ø	Ø	Ø		1443-1533	
388	Ø	Ø	Ø		1922-2010	

Comments and Other Observations

Nicole Davis/Marcy Lee
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE Linholm

Number of Loads 5 Date 24 June 03 Time 0000-2359

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
389	Ø	Ø	Ø		0000-0051	
390	Ø	Ø	Ø		0428-0517	
391	Ø	Ø	Ø		0913-1004	
392	Ø	Ø	Ø		1438-1540	
393	Ø	Ø	Ø		1939-2031	

Comments and Other Observations

Nicole Davis / Marcy Lee
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE Linholm

Number of Loads 5 Date 25 June 03 Time 0000-2359

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
394	Ø	Ø	Ø		0056 - 0156	
395	Ø	Ø	Ø		0626 - 0714	
396	Ø	Ø	Ø		1102 - 1202	
397	Ø	Ø	Ø		1557 - 1645	
398	Ø	Ø	Ø		2044 - 2142	

Comments and Other Observations

Observer's Name Marcy Lee

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE Linholm

Number of Loads _____ Date 26 June 2003 Time 0000 - 2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
399	Ø	Ø	Ø		0120-0208	
400	Ø	Ø	Ø		0613-0705	
401	Ø	Ø	Ø		1054-1156	
402	Ø	Ø	Ø		1546-1659	
403	Ø	Ø	Ø		2046-2132	

Comments and Other Observations

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Nicole Davis / Mary Lee
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE Linholm

Number of Loads 2 Date 27 June 03 Time 0000-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
404	Ø	Ø	Ø		0115 - 0230	
405	Ø	Ø	Ø		1942 - 2028	

Comments and Other Observations

*Boat struck by Lightning @ 0445, computers and Radar out.
@ Anchorage 0635, left anchorage @ 1830.

Nicole Davis / Mary Lee
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. Linholm

Number of Loads 5 Date 28 June 03 Time 0000 ~~2400~~

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
406	Ø	Ø	Ø		0019-0132	
407	Ø	Ø	Ø		0521-0617	
408	Ø	Ø	Ø	29° 30.722 94° 52.770 Sect 21-22	1020-1124	
409	Ø	Ø	Ø		1528-1603	
410	Ø	Ø	Ø		1950-2034	

Comments and Other Observations

Began dredging new section. Section starts at channel marker 23 turns around at 63 then dredges to 75.
53 cals @ 55

Nicole Davis/Mary Lee
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE. Linholm

Number of Loads 6 Date 29 June 03 Time 0000-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
411	Ø	Ø	Ø		0009-0049	
412	Ø	Ø	Ø		0418-0450	
413	Ø	Ø	Ø		0839-0927	
414	Ø	Ø	Ø		1312-1411	
415	Ø	Ø	Ø		1843-1943	
416	Ø	Ø	Ø		2316-2400	

Comments and Other Observations

Nicole Davis / Marcy Lee
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE Linholm

Number of Loads 5 Date 30 June 03 Time _____

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
417	Ø	Ø	Ø		0325-0415	
418	Ø	Ø	Ø		0803-0925	
419	Ø	Ø	Ø		1306-1423	
420	Ø	Ø	Ø		1757-1856	
421	Ø	Ø	Ø		2257-2348	

Comments and Other Observations

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Nicole Davis / Marcy Lee
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BELinholm 0000 - 0000

Number of Loads 2 Date 01 July 03 Time ~~0326-0430~~

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other
422	Ø	Ø	Ø	0326 0430		
423	Ø	Ø	Ø		1941 - 2039	

Comments and Other Observations

~~Sot~~ Shut Down 0515 Due to Broken water Pump

Marylee, Nicole Davis
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE Linholm

Number of Loads 5 Date 02 July 03 Time 0023 – 2100

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat./Long	Time	Other
424	Ø	Ø	Ø		0023 – 0115	
425	Ø	Ø	Ø		0459 – 0602	
426	Ø	Ø	Ø		1009 – 1117	
427	Ø	Ø	Ø		1458 – 1553	
428	Ø	Ø	Ø		1930 – 2100	

Comments and Other Observations

Nicole Ross / Mary Lee / Kirsten Dahlen
Observer's Name

HOUSTON - GALVESTON, TX

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. Lindholm

Number of Loads 2 Date 7/3/03 Time

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other
429	Ø	Ø	Ø		0036 - 0210	
430	Ø	Ø	Ø		1906 - 2018	

Comments and Other Observations

DREDGE LINDHOLM LEFT FOR FUEL DOCK @ 0400, RESUMED DREDGING AT 1906

Mary Lee / KIRSTEN DAHLEN / LORI WALSH

Observer's Name

Houston - Galveston, TX

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE LINDHOLM

Number of Loads 5 Date 04 July 05 Time

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other
431	Ø	Ø	Ø	29°30.276N 94°52.409W	0024-0136	
432	Ø	Ø	Ø	29°30.281 N 94°52.413W	0630-0732	
433	Ø	Ø	Ø	29°30N 94°52W	1126-1215	
434	Ø	Ø	Ø	29°30N 94°52W	1606-1713	
435	Ø	Ø	Ø	29°30N 94°52W	2102-2119	

Comments and Other Observations

KIRSTEN DAHLEN / Lori Walsh
Observer's Name

HOUSTON · GALVESTON TX

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE LINDHOLM

Number of Loads 3 Date 05 JULY 03 Time

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other
436	Ø	Ø	Ø	29°31N 94°53 W	0219-0322	
437	Ø	Ø	Ø	29°31N 94°53W	0705-0819	
438	Ø	Ø	Ø	29°31N 94°53W	1811-2001	

Comments and Other Observations

NOT DREDGING FROM 1200-1811 DUE TO MECHANICAL PROBLEMS

KIRSTEN DAHLEN / LORI WALSH
Observer's Name

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE LINDHOLM

Number of Loads 4 Date 06 JULY 03 Time

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other
439	Ø	Ø	Ø	29°30 N 94°52 W	0000-0140	
440	Ø	Ø	Ø	29°31N 94°53W	0653-0841	
441	Ø	Ø	Ø	29°31N 94°53W	1231-1403	
442	Ø	Ø	Ø	29°31N 94°53W	1758-2007	

Comments and Other Observations

DRAGHEADS - (1) Myrophis punctatus (speckled worm eel)

(3) Stomolophus meleagris (cannonball jellyfish)

KIRSTEN DAHLEN / LORI WALSH
Observer's Name

Houston-Galveston, TX

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE Lindholm

Number of Loads 2 Date 07 July 03 Time

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other
443	Ø	Ø	Ø	29°31N 94°53W	0006-0203	
444	Ø	Ø	Ø	29°31N 94°53W	0553-0955	

Comments and Other Observations

DREDGE B.E. LINDHOLM - TO TEXAS CITY DOCK AT 1330 FOR REPAIRS.

KIRSTEN DAHLEN + LORI WALSH
Observer's Name

HOUSTON - GALVESTON, TX

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: BE LINDHOLM

Number of Loads 02 Date 09 JULY 03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other
445	Ø	Ø	Ø	29°31'N 94°53W	1527 - 1636	
446	Ø	Ø	Ø	29°31'N 94°53'W	2026 - 2254	

Comments and Other Observations

1335 commenced dredging operation

KIRSTEN DAHLEN + ALLISON ZANARDI
Observer's Name

Houston - Galveston, TX

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 4 Date 10 JUL 03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other
447	Ø	Ø	—	29°31.065 94°53.020	0232-0436	
448	Ø	Ø	Ø	29°30.195 94°52.329	0817-1026	
449	Ø	Ø	Ø	29°30'N 94°53'W	1414-1712	
450	Ø	Ø	Ø	29°30 W 94°53 W	2108-2310	

Comments and Other Observations

DRAGHEADS -

ALISON ZANARDI / KIRSTEN DAHLEN
Observer's Name

Houston- Galveston, TX

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HOPPER DRED[illegible] ORTING LOG
ENDANGERED SPE[illegible] BSERVER NOTES

DAILY [illegible] ARY

Dredge Name: BE Lindholm

Number of Loads 3 Date 11 JUN 03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	) or d (S) t	Lat/Long	Time	Other
451	Ø	Ø		29°30.344 94°52.465	0241-0454	
452	Ø	Ø		29°30 N 94°52 W	0856-1131	
453	Ø	Ø		29°30'N 94°52'W	1521-1817	

Comments and Other Observations

Kristen Dahlen / Allison Zanardi
erver's Name

Houston - Galveston, TX

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 4 Date 12JUL03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other
454	Ø	Ø	—	29°30N 94°52W	2239-0038	
455	Ø	Ø	—	29°30N 94°52W	0407-0611	
456	Ø	Ø	Ø	29°30N 94°52W	1010-1259	
457	Ø	Ø	Ø	29°30N 94°52W	1645-1953	

Comments and Other Observations

ALISON ZANARDI / KIRSTEN DAHLEN
Observer's Name

Houston- Galveston, TX

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. Lindholm

Number of Loads 3 Date 12 July 03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other
458	Ø	Ø	—	29°30N 94°52W	0031-0227	
459	Ø	Ø	Ø	29°30N 94°52W	0621-0839	
460	Ø	Ø	Ø	29°30N 94°52W	1253-1512	

Comments and Other Observations

Dredge B.E. Lindholm headed to Texas City dock after load 460 for repairs to the port pump.

Kirsten Dahlen / Alison Zanardi
Observer's Name

Houston – Galveston, TX

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. Lindholm

Number of Loads Ø Date 14 July 03 Time 2400-2400

Findings

Load #	Turtle Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other

Comments and Other Observations

At Texas City docks for repairs and Hurricane Claudette

Kirsten Jansen / Alison Zanardi
Observer's Name

Houston, TX
Galveston

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. Lindholm

Number of Loads Ø Date 15 July 03 Time 2400-2400

Findings

Load #	Turtle Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other

Comments and Other Observations

At Texas City docks for Hurricane Claudette

Kirsten Dahlen / Alison Zanardi
Observer's Name

Houston - Galveston, TX

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. Lindholm

Number of Loads Ø Date 16 July 03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other

Comments and Other Observations

Dredge B.E. Lindholm left Texas City dock to return to dredging operations at 2300h.

Kirsten Dahlen / Alison Zanardi
Observer's Name

Houston - Galveston, TX

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. LINDHOLM

Number of Loads 2 Date 17 JUL 03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other
461	Ø	Ø	/	29°30N 94°52W	0116-0322	
462	Ø	Ø	/	29°30N 94°52W	0712-1056	

Comments and Other Observations

* Departed shipyard @ 2300 (16JUL) to resume dredging operation

Returned to shipyard after load 462 for repairs.

KIRSTEN DAHLEN / ALISON ZANARDI
Observer's Name

Houston - Galveston, TX

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. Lindholm

Number of Loads Ø Date 18 July 03 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other

Comments and Other Observations

Departed Texas City docks at 2130 to resume dredging

Kirsten Dahlen / Alison Zanard

Observer's Name

Houston - Galveston, Tx

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. Lindholm

Number of Loads _____ Date 20 July 03 Time 2400 - 2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other
467	Ø	Ø	—	29°30N 94°52W	2315-0118	
468	Ø	Ø	—	29°30N 94°52W	0458-0654	
469	Ø	Ø	—	29°30N 94°52W	1049-1258	—
470	Ø	Ø	—	29°30N 94°52W	1644-1924	—

Comments and Other Observations

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Kirsten Dahlen / Alison Zanardi
Observer's Name

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Houston - Galveston, TX

HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. Lindholm

Number of Loads 4 Date 21 July 2003 Time 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other
471	Ø	Ø	—	29°30N 94°52W	2318-0121	
472	Ø	Ø	—	29°30N 94°52W	0507-0714	
473	Ø	Ø	Ø	29°30N 94°52W	1108-1319	—
474	Ø	Ø	Ø	29°30N 94°52W	1704-	—

Comments and Other Observations

ALISON ZANARDI / KIRSTEN DAHLE
Observer's Name

Houston- Galveston, TX

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HOPPER DREDGE REPORTING LOG
ENDANGERED SPECIES OBSERVER NOTES

DAILY SUMMARY

Dredge Name: B.E. Lindholm

Number of Loads 4 Date 22 July 2003 Time [redacted] 2400-2400

Findings

Load #	Turtle/Parts Present	Shortnose Sturgeon/Parts Present	Port (P) or Starboard (S) Basket	Lat/Long	Time	Other
475	Ø	Ø	—	29°30N 94°52W	2340-0157	
476	Ø	Ø	—	29°30N 94°52W	0604-0827	
477	Ø	Ø	Ø	29°30N 94°52W	1204-1427	—
478	Ø	Ø	Ø	29°30N 94°52W	1844-2005	—

Comments and Other Observations

Kirsten Dahlen / Alison Zanardi
Observer's Name