4/1/00 - 7/23/00

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: "Atchafalya"

Project: Calcasieu - 00-C-0016

DAILY REPORT # 1

Date 04 / 01 / 00 Load Numbers 144

Area(s) Worked 29°41.27 N / 93°20.20 W Stn 220-392

Weather Conditions (incl. sea conditions) Cloudy, winds 18-22 KTS, seas 3-4'

Range of Water Temp., Surface 71° 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.):

Material being dredged is mud & silt

Abiotic material consisted of rope, net, wire, & other trash

Biological specimens recorded consisted of one spider crab

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	6-8	1300/29°41.26 N 93°26.15 W
T.t.	2-3	1630/29°39.80 N 93°91.19 W

Observer(s) on duty A. Jackson / C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu – 00-C-0016

DAILY REPORT #2

Date 04 / 02 / 00 Load Numbers 145 - 146

Area(s) Worked 29°41.27n 93°20.20w Stn: 220 - 392

Weather Conditions (incl. sea conditions) Cloudy, Winds 5-20kts seas 2-5'

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.):

Material being dredged is mud + silt.

Abiotic material consisted of plastic, rope, net, line + other trash.

Biological specimens included blue crab, mantis shrimp, + various fish sp.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	4-6	0910 / in channel near #34
T.t.	1/1	1200/1300: Both off Stbd. bow

Observer(s) on duty A. Jackson / C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu – 00-C-0016

DAILY REPORT #3

Date 04 / 03 / 00 Load Numbers 147 - 148

Area(s) Worked 29°41.27N 93°20.20W STN 220-392

Weather Conditions (incl. sea conditions) Cloudy w/Rain, Winds 5-40 KTS, Seas 3-5'

Range of Water Temp., Surface 72° 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.):

Material being dredged is mud + silt.

Abiotic material sampled was wood, plastic, rope, line + net.

Biological specimens were spider crab, blue crab, mantis shrimp, sting ray, + Sargassum

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	1	1115 / off port side diving 100 yds out
T.t.	4	1500 / Travelling west across the channel

Observer(s) on duty A. Jackson / C. Leedy

ENDAN RED SPECIES OBSERVER PRO AM

Dredge: Atchafalaya

Project: Calcasieu – 00-C-0016

DAILY REPORT #4

Date 04/04/00 Load Numbers 149-150

Area(s) Worked 29°41.27 n 93°20.20 w STN 220-392

Weather Conditions (incl. sea conditions) Pcloudy - Clear, winds 10-30KTS, Seas 2-4'

Range of Water Temp., Surface 72°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.):

Material being dredged is mud + silt.

Abiotic material sampled was net, rope, plastic, wire, cloth.

Biological specimens were blue crab, mantis shrimp, brown shrimp, sargassum, Tube worms + other worm sp.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. t.	2	1945 rolling @ surface w/in 50 yds

Observer(s) on duty A. Jackson / C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu / 00-C-0016

DAILY REPORT #5

Date 04 / 05 / 00 Load Numbers 151 - 152

Area(s) Worked 29°41.27 N 93°20.20 W STN 220-392

Weather Conditions (incl. sea conditions) P/Cloudy - Clear, wind 5-20KTS, seas calm - 3'

Range of Water Temp., Surface 71° - 72°F Below Mid-Depth 71° - 69°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.):

Material being dredged is mud & silt.

Abiotic material was plastic, net, rope, line, cloth.

Biological specimens sampled were tube worms, whelk egg case, and one portion of gut. The thickness, texture, smell, and toughness of this portion of gut leads me to believe it was from a Turtle. However, without any other identifying characters, positive I.D. could not be made. This may have been a possible TAKE (A.J)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	2	0708 / E. of marker 32
T.t.	6-8	1200 / following Shrimp Trawler

Observer(s) on duty A. Jackson / C. Leedy

ENDAN ERED SPECIES OBSERVER PRO AM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #6

Date 04 / 06 / 00 Load Numbers 15-3 - 15-4

Area(s) Worked 29°41.27N 93°20.20W STN 220 - 392

Weather Conditions (incl. sea conditions) P/cloudy - clear, winds 18-20KTS, seas 3-4'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

material being dredged is mud + silt.

Biotic material was plastic, cloth, net, line, rope, wire.

Biological specimens were stingray, Tube worms, whelk egg case, + Crab sp.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	5-6	1500 / Spread out / deg rolls; one spy-hopped 3-4x

Observer(s) on duty A. Jackson / C. Leedy

ENDAN RED SPECIES OBSERVER PRO AM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #7

Date 04 / 07 / 00 Load Numbers 155 - 156

Area(s) Worked 29°41.27N 93°20.20W STN 220-392

Weather Conditions (incl. sea conditions) P/cloudy, winds 10-22KTS, seas 3-4'

Range of Water Temp., Surface 71°-72°F Below Mid-Depth 71°-69°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.):

Material being dredged is mud & silt.

Abiotic material sampled was plastic, cloth, net, line, rope.

Biological specimens were Tube worms.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	5-6	1500 / throughout channel, dispersed

Observer(s) on duty A. Jackson / C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

WEEKLY SUMMARY

Dates 04/01/00 - 04/07/00 Load Numbers 146 - 156

Range of Water Temp., Surface 71° - 72° Below Mid-Depth 69° - 71°

Areas Worked (lat/longs, stations) 29°41'.27N / 93°20'.20W / STA: 220-392

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

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

Dredge material - mud & silt.

ABIOTA: Net / Rope / Plastic / Trash / Wire / Cloth

BIOTA: Spider crabs (2) / Blue crabs (3) / mantis shrimp (3) / Sting ray (2) / Sargassum / Brown shrimp (1) / Tube worm (4) / worm sp (1) / fish sp (1) / crab sp (1) / whelk egg cases (2) /

See Daily for 04/05/00. For comments on possible turtle entrails.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
04/01 thru 04/07	Tursiops truncatus (#'s 1-8)	Have been seen everyday w/in close proximity or several hundred yards away. Behavior has varied from bow riding ships, behind shrimp boats, diving, rolling at surface, spy-hopping. No change in behavior when near dredge.
/		
/		
/		
/		

Observers on duty Chad Leedy / A. Jackson

ENDAN RED SPECIES OBSERVER PRO AM

Dredge: ATC Lafalaya

Project: Calcasieu / 00-C-0016

DAILY REPORT #8

Date 04 / 08 / 00 Load Numbers 157-158

Area(s) Worked 29°41'27N 93°20'20W STN 220-392

Weather Conditions (incl. sea conditions) Sunny - Cloudy, winds 5-40 KTS, seas 3-4'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

material being dredged is mud & silt

Abiotic material consists of plastic, net, line, rope, wire

Biological specimens were blue crab & whelk egg case

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	3-6	Throughout day in/out channel

Observer(s) on duty A. Jackson / C. Leedy

ENDAN RED SPECIES OBSERVER PRO AM

Dredge: Atchafalaya

Project: Calcasieu / 00-C-0016

DAILY REPORT #9

Date 04 / 09 / 00 Load Numbers 159-161

Area(s) Worked 29°41.27N 93°20.20W Stn 220-392

Weather Conditions (incl. sea conditions) Clear - p/cloudy, winds 18-30KTS, seas 3-5'

Range of Water Temp., Surface 71° F Below Mid-Depth 69° 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.):

Material being dredged is mud + silt.

Abiotic material was net, rope/line, wood, plastic

Biological specimens were sargassum, moon snail, + fish sp.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	3-6	Throughout load in/out channel
T.t.	2-5	1630 in channel

Observer(s) on duty A. Jackson / C. Laedy

ENDAN RED SPECIES OBSERVER PRO AM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT # 10

Date 04 / 10 / 00 Load Numbers 162-163

Area(s) Worked 29°41.27 N 93°20.20 W STN 2220-392

Weather Conditions (incl. sea conditions) Cloudy, winds 10-32 KTS, seas 3-4'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud & silt

Abiotic material was, plastic, net, rope, line, & crabpot.

Biological specimens were Sargassum, stingray, crabs.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	1	1120 / 15 yds off port beam
T.t.	5-8	1145 / w/in 10 yds of bow / Feeding behavior
		Two calves seen

Observer(s) on duty A. Jackson / C. Leedy

ENDAN CRED SPECIES OBSERVER PRO AM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #11

Date 04 / 11 / 00 Load Numbers 164-165

Area(s) Worked 29°41.27N 93°20.20W STN 220-392

Weather Conditions (incl. sea conditions) Cloudy w/Lt. Haze, winds S-22KTS, SEAS 3-4'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

material being dredged is mud & silt.

Abiotic material was plastic, line, rope, net, cloth, wood.

Biological specimens were whelk egg case, sargassum, & fish sp.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	1	0730 / in Channel

Observer(s) on duty A. Jackson / C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Archafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #12

Date 04 / 12 / 00 Load Numbers 166-167

Area(s) Worked 29°41.27 n 93°20.20 w Stn 220-392

Weather Conditions (incl. sea conditions) p/cloudy-clear, winds 2-20KTS, seas 1-2'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

material being dredged is mud + silt.

Abiotic material was plastic, line, net, cloth, rope.

Biological specimens were Tube worm, whelk egg, sargassum

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.e.	2-5	1630 / in channel throughout day

Observer(s) on duty A. Jackson / C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu, OD-C-0016

DAILY REPORT #13

Date 04 / 13 / 00 Load Numbers 168-169

Area(s) Worked 29°41.27N 93°20.20W STN 220-392

Weather Conditions (incl. sea conditions) Cloudy, winds 5-20 KTS seas 1-2'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud + silt.

Abiotic material sampled was plastic, net, line, cloth, rope, wood.

Biological specimens were sargassum, eel, stingray, & whelk egg case.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty A. Jackson / C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #14

Date 04 / 14 / 00 Load Numbers 170-171

Area(s) Worked 29°41.27N 93°20.20W STN 220-392

Weather Conditions (incl. sea conditions) Clear - Pcloudy, winds 2-15 KTS, seas 1'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud+silt.

Abiotic material consists of plastic, cloth, wire, net, line, & cable.

Biological specimens were Sargassum, Stingray, Cannonball jellyfish, mantisshrimp, flat fish sp.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	8-10	1130 / In Channel

Observer(s) on duty A. Jackson / C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #15

Date 04 / 15 / 00 Load Numbers 172-173

Area(s) Worked 29°41'27N 93°20'20W STN 220-392

Weather Conditions (incl. sea conditions) P/cloudy, winds 5-22 KTS, seas ca. -3'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud, silt, + some clay.

Abiotic material was plastic, net, line, rope, cloth.

Biological specimens were spidercrab, Brotula sp., stingray, sargassum, whelk egg.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	3	0930/ out channel travel north

Observer(s) on duty A. Jackson / C. Leedy

ENDAN RED SPECIES OBSERVER PRO(AM

Dredge: ATChafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #16

Date 04 / 16 / 00 Load Numbers 174-175

Area(s) Worked 29°41.27N 93°20.20W STN 220-392

Weather Conditions (incl. sea conditions) Clear, winds 2-20KTS seas ca. 3'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud & silt.

Abiotic material was plastic, net, line, rope, wood, & tube.

Biological specimens were Sargassum, whelk egg, Cutlass fish, Stingray.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
L.t.	2	1510 / 10yds off port bow

Observer(s) on duty A. Jackson / C. Leedy

QAR #91

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu

DAILY REPORT

Date 04 / 17 / 00 Load Numbers 176-177

Area(s) Worked 29°41.'27 N 93°20.'20 W STN 220-392

Weather Conditions (incl. sea conditions) Clear, P/cloudy, winds S-12KTS, seas 0-1'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud & silt.

Abiotic material was plastic, net, rope, line.

Biological specimens were crab sp., sting ray, whelk egg, Sargassum, and the posterior portion of a Kemps Ridley sea turtle see attached report.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	15-20	0700/ Just N. of 29+30 Feeding

Observer(s) on duty A. Jackson / C. Beedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #18

Date 04 / 18 / 00 Load Numbers 178-179

Area(s) Worked 29°41.27 N 93°20.20 W STN 220-392

Weather Conditions (incl. sea conditions) Clear - P/cloudy, winds 5-12 KTS, Seas 0-1'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud + silt.

Abiotic material was plastic, line, net, rope, cloth.

Biological specimens were sting ray, spider crab, whelk egg, sargassum

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
/		

Observer(s) on duty A. Jackson / C. Leady

ENDAN RED SPECIES OBSERVER PRO AM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-8016

DAILY REPORT # 19

Date 04 / 19 / 00 Load Numbers 180-181

Area(s) Worked 29°41.27N 93°20.20W STN 220-392

Weather Conditions (incl. sea conditions) Cloudy-Clear, winds 10-20 KTS, seas 1-3'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud + silt.

Abiotic material was cloth, plastic, line, net, rope, wood.

Biological specimens were shark(s), skate, whelk egg, sargassum, spider crab and other crab sp.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. t.	2-3	1940 / Just off bow

Observer(s) on duty A. Jackson / C. Leedy

ENDAN RED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #20

Date 04/20/00 Load Numbers 182-183

Area(s) Worked 29°41.27N 93°20.20W STN 220-392

Weather Conditions (incl. sea conditions) P/cloudy - Clear, winds 10-22 KTS, seas 1-3'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud & silt, w/some clay.

Abiotic material sampled was plastic, net, line, rope.

Biological specimens were moon snail, Sargassum, spider crab, blue crab, & other crab sp.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
0		

Observer(s) on duty A. Jackson / C. Leedy

ENDAN RED SPECIES OBSERVER PRO AM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #21

Date 04 / 21 / 00 Load Numbers 184-185

Area(s) Worked 29°41.27N 93°20.20W STN 220-392

Weather Conditions (incl. sea conditions) Clear, winds 10-22 KTS, seas 1-2'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud, silt, and some clay.

Abiotic material sampled was plastic, net, rope, line, cloth, wire, and wood.

Biological specimens were shrimp sp., blue crab and other crab sp., Brotula sp., sting ray, & other fish sp.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty A. Jackson / C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: ATCHAFALAYA

Project: CALCASIEU

WEEKLY SUMMARY

Dates 04 / 15 / 00 - 04 / 21 / 00 Load Numbers 172 - ~~189~~ 185

Range of Water Temp., Surface 71° Below Mid-Depth 69°

Areas Worked (lat/longs, stations) 29° 41'.27N / 93° 20'.20W / STA: 220-392

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

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

Dredging Material: Silt/mud/clay

ABIOTIC: Plastic/Net/line/rope/cloth/wood/tube/wire

BIOTA: Spider crab / Brotula sp / stingray / sargassum / whelk egg case / cutlass fish / crab sp.
*Posterior portion of Kemp's Ridley seaturtle - see attached report of daily for 04/17/00
shark / skate / moon snail / blue crab / shrimp sp. / fish sp.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
04 / 15	Tursiops truncatus - 3	out of channel, travelling north
04 / 16	" " - 2	10yds off port bow
04 / 17	" " - 15-20	Just N. of 29/30 buoy - feeding
/		
/		
/		
/		

Observers on duty Chad Leedy / A. Jackson

ENDAN RED SPECIES OBSERVER PROG AM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #22

Date 04 / 22 / 00 Load Numbers 186-187

Area(s) Worked 29°41.27 N 93°20.20 W STN 220-392

Weather Conditions (incl. sea conditions) Clear, winds 10-25 KTS, seas 1-3'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud, silt, & clay

Abiotic material being sampled was plastic, netting, line, rope, wood.

Biological specimens were cownose ray, Sargassum, flatfish sp., blue crab, spider crab.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty A. Jackson / C. Leedy

ENDAN RED SPECIES OBSERVER PROG AM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #23

Date 04 / 23 / 00 Load Numbers 188-189

Area(s) Worked 29°41.27N 93°20.20W STN 220-392

Weather Conditions (incl. sea conditions) P/cloudy - Cloudy w/rain, winds 10-24KTS, seas 1-6'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud, silt, & some clay.

Abiotic material sampled was plastic, net, line, rope, cloth.

Biological specimens were, Sargassum, whelk egg, crab sp., Cannonball Jelly.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. t.	4-5	1835/40-50 yds off bow, one breaching

Observer(s) on duty A. Jackson / C. Leedy

ENDAN RED SPECIES OBSERVER PRO AM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #24

Date 04 / 24 / 00 Load Numbers 190-191

Area(s) Worked 29°41.'27N 93°20.'20W STN 220-392

Weather Conditions (incl. sea conditions) Clear, winds 8-25 KTS, seas 2-4'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud, silt + some clay.

Abiotic material sampled was plastic, net, line, rope, wood.

Biological specimens were sargassum, cannonball jelly, whelk eggs, + moon snail

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	1	12:15 / 10 yds off port bow diving

Observer(s) on duty A. Jackson / K. Leedy

ENDAN RED SPECIES OBSERVER PROG AM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #25

Date 04 / 25 / 00 Load Numbers 192-193

Area(s) Worked 29°41.27N 93°20.20W STN 220-392

Weather Conditions (incl. sea conditions) Clear, winds TO 10 KTS, seas 0-1'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud, silt, & some clay.

Abiotic material sampled was plastic, line, mat, cloth, wood.

Biological specimens were stingray & sargassum.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty A. Jackson / C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #26

Date 04 / 26 / 00 Load Numbers 194-195

Area(s) Worked 29°41.'27 n 93°20.'20 w STN 220-392

Weather Conditions (incl. sea conditions) Clear, winds 5-22 KTS, seas 0-1'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud, silt, & some clay

Abiotic material was plastic, net, line, rope, cloth.

Biological specimens were Sargassum, crab sp., & Brotula sp.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T.t.	8-10	0650/ in channel / Social behavior
T.t	3-4	1150/ off port bow 400 yds

Observer(s) on duty A. Jackson / C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu

DAILY REPORT

Date 04 / 26 / 00 Load Numbers 192-193

Area(s) Worked 29°41.27N 93°20.20W STN 220-392

Weather Conditions (incl. sea conditions) Clear, winds TO 10KTS, seas 0-1'

Range of Water Temp., Surface 71°F Below Mid-Depth 69°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.):

Material being dredged is mud, silt, & some clay.

Abiotic material sampled was plastic, line, net, cloth, wood.

Biological specimens were stingray & Sargassum.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty A. Jackson / C. Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #27

Date 04 / 27 / 00 Load Numbers 196-197

Area(s) Worked Stations 220-392

Weather Conditions (incl. sea conditions) Winds SW 15-20 knots, Seas beaufort 5, Skies clea

Range of Water Temp., Surface 71°F Below Mid-Depth 69°F

Condition and Effectiveness of Screening Good, new screen was placed in the lander today.

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 sea turtles were sampled today. No sea turtles were sighted today. Samples today consisted of flounder, sargassum, whelk egg cases, stingray, clay and trash. The dredge was in port in the morning for fuel and water.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
		No sightings

Observer(s) on duty Eric Westerman, Chad Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu 00-C-0016

DAILY REPORT #28

Date 04 / 28 / 00 Load Numbers 198-199

Area(s) Worked Stations 220-392

Weather Conditions (incl. sea conditions) Winds northerly 10-20 knots, Seas beaufort 5

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

No sea turtles were detected sampled today.

No sea turtles were sighted today.

Samples today consisted of blue crabs, trash and clay. The cages is cleaned a couple of times during the load.

Material digging is mud and clay.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	1	1540, cut, bottlenose dolphin
Tt	8	1800, cut, bottlenose dolphins
Tt	8	1845, cut, bottlenose dolphins

Observer(s) on duty Eric Westerman, Chad Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: ATCHAFALAYA

Project: CALCASIEU

WEEKLY SUMMARY

Dates 04 / 22 / 00 - 04 / 28 / 00 Load Numbers ~~130~~ 136 - 199

Range of Water Temp., Surface 71° - 74° Below Mid-Depth 69° - 74°

Areas Worked (lat/longs, stations) 29° 41'.27 N / 93° 20'.20 W / STA: 220 - 392

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

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

Dredge Material: mud / silt / clay

Abiotic Material: Plastic / Net / Rope / Line / Wood / Cloth

BIOTA: Cownose ray / Sargassum / Flat fish sp / Blue crab / Spider crab / Whelk egg casing / Cannonball Jelly / Moon Snail / Brotula sp. /

Bridge Watch Summary

Date	Various Species and Respective Number		Comments
04 / 23	Tursiops truncatus	4-5	40-50 yds off port bow / one breaching
04 / 24	" "	1	10 yds off port bow diving
04 / 26	" "	3-10	in Channel / off port 4 yds
04 / 28	" "	1-8	in Channel
/			
/			
/			

Observers on duty A. Jackson / Chad Leedy / E. Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #29

Date 04 / 29 / 00 Load Numbers 200-201

Area(s) Worked Stations 220-392

Weather Conditions (incl. sea conditions) Winds SE 15-20 knots, Seas beaufort 5

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

No sea turtles were sampled or sighted today.

Samples today consisted of whelk egg casing, shrimp, blue crabs, sagassum, trash and clay.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	4	1032, cut, bottlenose dolphins
Tt	2	1109, cut, bottlenose dolphins

Observer(s) on duty Eric Westerman, Chad Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #30

Date 04 / 30 / 00 Load Numbers 202-203

Area(s) Worked Stations 220-392

Weather Conditions (incl. sea conditions) Winds SE 20-30 knots, Seas beaufort 6

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

No sea turtle parts were sampled today.

No sea turtles were sighted today.

Samples today consisted of whelk egg casing, blue crabs, trash and clay.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	2	1034 cut, bottlenose dolphins
Tt	6	1111 cut, bottlenose dolphins
Tt	8	all day, cut, bottlenose dolphins

Observer(s) on duty Eric Westerman, Chad Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #31

Date 05 / 01 / 00 Load Numbers 204-205

Area(s) Worked Stations 220-392

Weather Conditions (incl. sea conditions) Winds SE 10-30 knots, Seas beaufort 4-6

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

No sea turtles were sampled or sighted today.

Samples today consisted of blue crabs, sargassum, shell, whelk egg cases, wood and trash.

Material digging is mud and silt.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	4	0715, cut, bottlenose dolphins
Tt	12	all morning, cut, bottlenose dolphins
Tt	6	all afternoon, cut, bottlenose dolphins

Observer(s) on duty Eric Westerman, Chad Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-006

DAILY REPORT #32

Date 05 / 02 / 00 Load Numbers 206-207

Area(s) Worked Stations 220-392

Weather Conditions (incl. sea conditions) Winds variable 20-40 knots, Seas beaufort 6

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

No sea turtles were sighted or sampled today.

Samples today were small in quantity. Samples mainly consisted of blue crabs, croaker, shell, whelk egg case, trash and wood.

Water temperatures are taken by the observers in the cut area.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	12	All day, cut, bottlenose dolphins

Observer(s) on duty Eric Westerman, Chad Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0014

DAILY REPORT #33

Date 05 / 03 / 00 Load Numbers 208-209

Area(s) Worked Stations 220-392

Weather Conditions (incl. sea conditions) Winds SE 10-25 knots, Seas beaufort 3-5

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

No sea turtles were sampled or sighted today.

Samples today were small in quantity mainly consisting of shell, trash and wood.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	1	1047, cut, bottlenose dolphins
Tt	1-7	all afternoon, cut, bottlenose dolphins

Observer(s) on duty Eric Westerman, Chad Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #34

Date 05 / 04 / 00 Load Numbers 210-211

Area(s) Worked Stations 220-392

Weather Conditions (incl. sea conditions) Winds variable 20-25 knots, Seas beaufort 5

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

Condition and Effectiveness of Screening Good, 100% inflow screened.

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 sea turtles were sampled or sighted today.

Samples today consisted of blue crabs, saragassum, white shrimp, croaker, clay and trash.

Material digging is mud and silt.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	4	0715, cut, bottlenose dolphins
Tt	1-8	All afternoon, cut, bottlenose dolphins

Observer(s) on duty Eric Westerman, Chad Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu, 00-C-0016

DAILY REPORT #35

Date 05 / 05 / 00 Load Numbers 212-213

Area(s) Worked Stations 220-392

Weather Conditions (incl. sea conditions) Winds SE 10-15 knots, Seas beaufort 4

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

No sea turtles were sampled today or sighted today.

Samples today consisted of blue crab, cannonball jellyfish, whelk egg casing, spider crabs, sargassum and trash.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	4	0929, cut, bottlenose dolphins

Observer(s) on duty Eric Westerman, Chad Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: ATCHAFALAYA

Project: CALCASIEU

WEEKLY SUMMARY

Dates 04 / 29 / 00 - 05 / 05 / 00 Load Numbers 200 - 213

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

Areas Worked (lat/longs, stations) 29°41'.27 N / 93°20'.20 W / STA: 220 - 392

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

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

DREDGE MATERIAL: mud/SILT

ABIOTIC MATERIAL: Trash/clay/Wood/Shell

BIOTA TAKEN: whelk egg casings / shrimp sp / Blue crabs / Sargassum / Croakers / white shrimp / Spider crabs / Cannonball jellyfish

Bridge Watch Summary

Date	Various Species and Respective Number			Comments
04 / 29	Tursiops truncatus		2-4	In channel
04 / 30	"	"	2-8	" "
05 / 01	"	"	4-12	" "
05 / 02	"	"	12	" "
05 / 03	"	"	1-7	" "
05 / 04	"	"	1-3	" "
05 / 05	"	"	4	" "

Observers on duty Chad Leedy / E. Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasiue, 00-C-8016

DAILY REPORT #36

Date 05 / 06 / 00 Load Numbers 214-215

Area(s) Worked Stations 220-392

Weather Conditions (incl. sea conditions) Winds SE 15-20 knots, Seas beaufort 5

Range of Water Temp., Surface 75°F Below Mid-Depth 75°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.):

No sea turtles were sighted or sampled today.

Samples today were small in quantity. Samples mainly consisted of shell, blue crabs, spider crabs, shrimp, sargassum, wood and trash.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	6	all morning, cut, bottlenose dolphins
Tt	4	1550, cut, bottlenose dolphins

Observer(s) on duty

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasiue

DAILY REPORT

Date 05 / 07 / 00 Load Numbers 216-217

Area(s) Worked Stations 220-392

Weather Conditions (incl. sea conditions) Winds SSE 15-20 knots, Seas beaufort 5

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

No sea turtles were sighted or sampled today.

Samples today consisted of blue crabs, spider crabs, sargassum, clay, shell, wood and trash.

Material digging is mud, silt and clay.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
		No sightings

Observer(s) on duty Eric Westerman, Chad Leedy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasiue

DAILY REPORT

Date 05 / 08 / 00 Load Numbers 218-219

Area(s) Worked Stations 220-392

Weather Conditions (incl. sea conditions) Winds southerly 20 knots, Seas beaufort 5

Range of Water Temp., Surface 77°F Below Mid-Depth 77°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.):

No sea turtles were sampled or sighted today.

Samples today mainly consisted of shell, whelk egg casing, sargassum, blue crabs and trash.

Water temperatures are taken by the observers in the cut area.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
		No sightings

Observer(s) on duty Eric Westerman, Megan Piercy

END..NGERED SPECIES OBSERVER PRC RAM

Dredge: Atchafalaya

Project: Calcasieu River and Pass

DAILY REPORT

Date 05 / 09 / 00 Load Numbers 220-221

Area(s) Worked stations: 220 - 392

Weather Conditions (incl. sea conditions) Southerly winds@5-20, seas=B4-5, sky= partly cloudy

Range of Water Temp., Surface 77°F Below Mid-Depth 77°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.):

* No sea turtles were sampled or sighted today.

Dredged material consists of silty mud and minimal amounts of clay

Biological specimens retained by screening included: Blue crab, Spider crab, whelks, whelk egg cases and wood.

Shrimp netting, crab pot, plastics and other trash were also retained.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	3	1350/in cut area/ 2 adults. 1 young
Shrimp trawler	1	1445/ in cut area/ fishing
Tursiops truncatus	1	1605/in cut area(buoy 29)/ adult

Observer(s) on duty Eric Westerman, Meghan Piercy

END...NGERED SPECIES OBSERVER PRO...RAM

Dredge: Atchafalaya

Project: Calcasieu

DAILY REPORT

Date 05 / 10 / 00 Load Numbers 222-223

Area(s) Worked Stations 220-392

Weather Conditions (incl. sea conditions) Winds southerly 10-20 knots, Seas beaufort 4

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

No sea turtles were sampled today. One dead leatherback sea turtle was sighted today. The subadult turtle was sighted between buoys 33-35. The sea turtle was badly decomposed. The turtle incident is not related to the dredging project.

Samples today consisted of shell, catfish, whelk egg casing, sargassum, worms, clay and trash.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Dc	1	1552, buoys 33-35, dead leatherback turtle
Tt	2	1620, near jetties, bottlenose dolphins
Tt	4	1845, cut, bottlenose dolphins

Observer(s) on duty Eric Westerman, Meghan Piercy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu River and Pass, 00-C-0016

DAILY REPORT #41

Date 05 / 11 / 00 Load Numbers 224-225

Area(s) Worked Stations: 220-392

Weather Conditions (incl. sea conditions) South wind@10-25knots, seas=3-5', sky=Mostly clou

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

No sea turtles were sampled or sighted today.

Dredged material consists of silt, mud and clay.

Biological specimens retained by screening included: Blue crab, Mantis shrimp, whelk egg casings, lightening whelk, catfish skull, sargassum, and wood.

Plastics, 1 crab pot were also retained.

The dredge took on fuel and water at the Isoro dock in the morning.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	4	1033 / Jetties
Tursiops truncatus	6	1139 / cut
Tursiops truncatus	3	1400 / cut @ buoy #34 / one heavily spotted

Observer(s) on duty Eric Westerman, Meghan Piercy

ENDAN RED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu / DO-C-5016

DAILY REPORT #42

Date 05 / 12 / 00 Load Numbers 226-227

Area(s) Worked Stations 220-392

Weather Conditions (incl. sea conditions) Winds south 10-20 knots, Seas beaufort 4

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

No sea turtles were sighted or sampled today.

Samples today mainly consisted of shell, whelk egg casing, sargassum, blue crabs, clay and trash.

Material digging is mud, silt and clay.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	6	0845, cut, bottlenose dolphins
Tt	3	1220, 39-40 buoys, " "
Tt	6	1245, jettie area, " "
Tt	2	1615, buoy 29, " "

Observer(s) on duty Eric Westerman, Meghan Piercy

ENDANG. .RED SPECIES OBSERVER PROG .M

Dredge: Atchafalaya

Project: Calcasieu River and Pass, 00-C-0016

WEEKLY SUMMARY

Dates 05/06/00 - 05/12/00 Load Numbers 214-227

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

Areas Worked (lat/longs, stations) Stations 220-392

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

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

No sea turtles were sampled this week. One dead leatherback sea turtle was sighted on 5/10/00 floating in the channel between buoys 33-35. The sea turtle was badly decomposed and its death could not be related to dredging operations.

Dredged material consists of silt, mud, clay.

Biological samples retained by screening included: Blue crabs, Spider crabs, mantis shrimp, Sargassum, whelks, whelk egg casings, catfish, worms and wood.

Shrimp trawlers are actively fishing these waters.

Bridge Watch Summary

Date	Various Species and Respective Number		Comments
5/6	Tursiops truncatus	10	in the cut
5/9	Tursiops truncatus	4	in the cut, including one young
5/10	* Leatherback Sea Turtle	1	Dead, floating in cut
5/10	Tursiops truncatus	6	in cut & in jetties
5/11	Tursiops truncatus	13	in cut & in jetties
5/12	Tursiops truncatus	17	in cut & in jetties
/			

Observers on duty Eric Westerman and Meghan Piercy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu River and Pass, 00-C-0016

DAILY REPORT #43

Date 05 / 13 / 00 Load Numbers 228-229

Area(s) Worked Stations: 220-392

Weather Conditions (incl. sea conditions) Winds= east-north @ 15-25K, seas=B2-5, mostly clou.

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

There were no sightings or samples of sea turtles today.

Biological specimens retained by screening included: Blue crab, whelk egg casings, flounder, sargassum, moonsnails and wood.

Eric Westerman departed this morning and was replaced by Rick Woods.

Dredge Columbia arrived and began dredging operations at the dogleg area.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Shrimp Trawlers	8-12	all day, trawling in vicinity of dredging operations.

Observer(s) on duty Eric Westerman, Meghan Piercy, Rick Woods

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu River and Pass, 00-C-0016

DAILY REPORT #44

Date 05 / 14 / 00 **Load Numbers** 230-231

Area(s) Worked Stations: 220-392

Weather Conditions (incl. sea conditions) clear sky, NE winds @5-10 knots, seas=2-3

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

Condition and Effectiveness of Screening Good

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

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

There were no samples or sightings of turtles today.

Biological samples retained by screening included: Blue crab, flounder, whelks, whelk egg casings, Sargassum and wood.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	2	1907: Riding bow wake of passing tanker

Observer(s) on duty Meghan Piercy, Rick Woods

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: 'ARCHAFALAYA'

Project: CALCASIEU, 00-C-0016

DAILY REPORT # 45

Date 5 / 15 / 00. Load Numbers 232 - 233

Area(s) Worked STATIONS 220 - 392.

Weather Conditions (incl. sea conditions) CLEAR SKY N/E Winds. 10-15 knots

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

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.):

1) No Sightings of Sea Turtles.

2) Dredged Material - Mud + Silt.
Shotgate " : Plastic | Rope | Aluminum can | old clothing | bags | small driftwood.

3) Screening - mainly Sargassum, Blue crabs | whelk eggs

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Small white Egret.	1	07:00. Blown off course.. headed for Sister ship - Columbia.
T.T.	3.	Passing by ship.

Observer(s) on duty Rick Woods, Meghan Piercy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu River and Pass, 00-C-0016

DAILY REPORT #46

Date 05 / 16 / 00 **Load Numbers** 234-235

Area(s) Worked Stations: 220 - 392

Weather Conditions (incl. sea conditions) Partly cloudy, seas=b2, wind=SE@05knots

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

* There were no sightings or incidents with sea turtles.

Dredged material consists of silt, clay, mud.

Biological specimens retained by screening included: Blue crab, Spider Crab, Whelks, Whelk egg cases, Sargassum, flounder and wood.

Dredge was shut down mid-load of #392 due to failure to comply with Coast Guard C.O.I. inspection.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	2	1510/cut/approaching dredge

Observer(s) on duty Meghan Piercy, Rick Woods

1

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Atchafalaya

Project: Calcasieu River and Pass, 00-C-0016

DAILY REPORT #47 "FINAL"

Date 05 / 17 / 00 **Load Numbers** Ø, N/A

Area(s) Worked N/A

Weather Conditions (incl. sea conditions) partly cloudy,

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

Condition and Effectiveness of Screening Good

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

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

Dredge remained at Tesoro Marine dock to await further instruction. Later departed for Mobile, Alabama

Ⓓ THIS IS FINAL REPORT "ATCHAFALAYA". DEPARTED @ 1800 HRS. FOR MOBILE, AL SHIPYARD.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty M. Piercy, R. Woods

Dredge Atchafalaya

Project Calcasieu River and Pass

DAILY REPORT

Date: 5 / 19 / 00 Loads: 265-266

Area(s) Worked: Stations: 660 +00 – 950

Weather Conditions: Overcast, Westerly winds @ 5-20, seas = B/S = 2-4

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

Condition of all screening apparatus: EXCELLENT

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

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

* There were no sightings of sea turtles but there was a small plastron bone which was black and old and in no way related to dredging operations.

Dredged material consists of silt and clay.

Biological specimens retained by screening included: Sea weed, clams, Blue crab, Worms, barnacles, angel wings, flounder moonsnail and Wood.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	2	~15	3 riding bow wake of tanker, others around dredge

Observer(s) On Duty: M. Piercy, R. Woods

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya

Project Calcasieu River and Pass

DAILY REPORT

Date: 7 / 3 / 00 Loads: 236 (just the start of load # 236)

Area(s) Worked: Stations: 60+00 to 220+00

Weather Conditions: clear sky, seas - BS 4-5, Wind = SE @ 15

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

Condition of all screening apparatus: excellent - (brand new!)

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

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

Dredge arrived from Mobile at approximately 11:00, then commenced to refuel, take on water and make finishing repairs before starting load # 236 (at approximately 10:20 pm (22:20 hrs).

No turtles were sighted or sampled.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: M. Piercy, Rick Woods

Dre : Atchafalaya

Project Calcasieu River and Pass

DAILY REPORT

Date: 7 / 4 / 00 Loads: 236-237

Area(s) Worked: Stations 60+00 - 220+00

Weather Conditions: clear sky, seas = 2-4' wind = SE @ 5-15

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

Condition of all screening apparatus: EXCELLENT

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

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

There were no sightings of or samples of Sea turtles.

Material dredged includes silt, mud.
Biological specimens retained by screening included:
Sea grass, sargassum, moonsnail, whelk egg cases, wood.

Bridge Watch Summary

pecies	# of Sightings	# of Animals	Comments
ursiops truncatus	1	18	Riding + fishing in front of dredges + ships
[illegible]			

bserver(s) On Duty: M Percy, R. Woods

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge 'ATCHAFALYA'

Project C.R.A.P.

DAILY REPORT

Date: 7 / 5 / 00 Loads: 238/239

Area(s) Worked: Stations 60-220

Weather Conditions: Mostly Clear Skies / Seas. B.S. 2-3. Wind approx. 10 SSE

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

Condition of all screening apparatus: Excellent. but access to jove port Discharge Restricted.

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

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

Material dredged. Silt / Mud / Clay.

Sea weed / worms / whelks. catfish skull?

No Turtles were sighted or sampled.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt.	Numerous	55	By dredge area + riding bow of tanker.

Observer(s) On Duty: R. Woods / M. Piercy.

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge ATCHAFALYA

Project CKAD

DAILY REPORT

Date: 7 / 06 / 00 Loads: 240 | 241.

Area(s) Worked: 660+00 - 950+00.

Weather Conditions: CLEAR/FINE. 5 KNOTS S/S.E. CALM: B/S - 2.

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

Condition of all screening apparatus: Excellent, but access to fore Port Discharge Restricted

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

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

Mud | Silt | Clay.

Lots of Sargassum | whelk eggs | penshells | horse conch | blue crab | worms + wood debris.

No turtles were sighted or sampled.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Dt.	3	45	Abundance of Dolphins feeding/playing around dredging operation

Observer(s) On Duty: R Woods | M. Pierce

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: ATCHAFALYA

Project: CRMD

DAILY REPORT

Date: 7/7/00 Loads: 242 + 243

Area(s) Worked: 660+00 – 950+00.

Weather Conditions: CLEAR | S.W. 3 KNOTS · LIMD | SEA. B/S. 2.

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

Condition of all screening apparatus: FREQUENT Jet access to FORE HATCH RESTRICTED

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

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

2 MATERIAL - MUD, CLAY + SILT

BIOTA - BI VALVES / CLAMS | WHELKS |

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: M PIERCY + R. WOODS.

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge Atchafalaya

Project Calcasieu River and Pass

DAILY REPORT

Date: 7 / 8 / 00 Loads: 244-245

Area(s) Worked: Stations: 6060+00 - 950+00

Weather Conditions: clear sky, wind = NW - SE @ 5-15 (squalls in evening gusting -

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

Condition of all screening apparatus: Good - same as before

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

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

There were no incidents with turtles, nor sightings.

Dredged material consists of silt and clay

Biota retained includeds: Blue crab, polychaetes, large worms, penshells, clams (cohogs?), whelk's, whelk egg cases

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Mackeral	1	School	in work area.

Observer(s) On Duty: Piercy/Woods

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge ATCHAFALAYA.

Project C.R.A.P.

DAILY REPORT

Date: 7 / 09 / 00 Loads: 246 | 247

Area(s) Worked: 660+00 - 950+00

Weather Conditions: HOT | CLEAR. SEA [illegible] B|S 2. WIND = W|SW. (A.M) 10K. - SE. 5-10 KNOTS (P

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.):

THERE WERE NO TURTLES SIGHTED OR STRANDED.

MATERIAL DREDGED - SILT | CLAY

BIOTA UNLOADED BLUE CRAB | WHELK | CLAM | FLOUNDER
BARNACLES | SEA-GRASS | MOONSNAILS + PENSHELLS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT.	1	1	ATTACHED DREDGE.

Observer(s) On Duty: R. WOODS | M. PIERCY.

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya

Project Calcasieu River and Pass

WEEKLY SUMMARY

Dates: 7/3/00 - 7/9/00 Loads: 236-247

Range of H_2O Temperature: Surface 87°F Below Mid-Depth 86°F

Area(s) Worked: Stations: 60+00 - 220+00, 660+00 - 950+00

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

Comments: There were no sightings or samples of sea turtles.

Dredge Atchafalaya arrived from Mobile on 7/3 and commenced dredging load # 236 at approximately 22:20 hours. Dredged material consists of silt and clay. Biological specimens retrieved by screening included: Sea grass, lightening whelks, whelk egg cases, worms, large clams, horse conchs, penshells, Blue Crabs, flounders, barnacles, moonsnails, and wood.

All screening is in great shape. The forward hatch had restricted access earlier in the week but was fixed and now lives have 100% access.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Bottlenose Dolphins	6+	119	ground dredging operations as well as riding bow waves of towing rigs
Muskrat	1	16	

Observers On Duty: Meghan Piercy, Rick Woods

Dredg Atchafalaya

Project Calcasieu River and Pass

DAILY REPORT

Date: 7 / 10 / 00 Loads: 248-249

Area(s) Worked: Stations: 660+00 — 950+00

Weather Conditions: Clear sky, Wind = WNW @ 10, seas = B/s 2-4

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

Condition of all screening apparatus: EXCELLENT - access to forward hatch cleared

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

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

There were no samples or sightings of sea turtles.

Material dredged includes silt and clay.

Biological specimens retained by screening included: sea grass, shells, clams, lightening whelks, spider crab, calico crab, worms and wood.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: M. Piercy, R. Ward

Dredg Atchafalaya

Project Calcasieu River and Pass

DAILY REPORT

Date: 7 / 11 / 00 Loads: # 250 + 251

Area(s) Worked: Stations 660+00 – 950+00

Weather Conditions: Clear Sky / Winds - NNW/WSW @ 10 K Seas B/S 2-4

Range of H_2O Temperature: Surface 87°F Below Mid-Depth

Condition of all screening apparatus: Excellent - All now have access

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

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

There were no samples or sightings of sea turtles

Material dredged - Silt + Clay

Biological specimens retained by screening

Mollusks Sea grass / Blue crab / Skate / whelk + clam shells

Spider + Calico crabs

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Piercy / Woods

ENDANGERED SPECIES OBSERVER

Dredge ATCHAFALAYA

Project C.R.A.P.

DAILY REPORT

Date: 7 / 12 / 00 Loads: # 252 + 253

Area(s) Worked: STATIONS 660+00 – 950+00

Weather Conditions: CLEAR / WINDS NNW-2) 10 Knots SEAS. B/S 2/3

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

Condition of all screening apparatus: Excellent

Are there incidents involving endangered or protected species? Yes_____ No_✓_

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

THERE WERE NO SIGHTINGS/ SIGHTINGS OF SEA TURTLES

MATERIAL DREDGED - SILT/CLAY

BYCATCH - SEA GRASS/CLAMS/BLUE CRABS/WHELKS

DEBRIS/TRASH

PLASTIC/ROPE/NETTING etc.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: PIERCY / WOODS

Dredge Atchafalaya

Project C.R.A.P.

DAILY REPORT

Date: 7, 13, 00. Loads: 254 + 255.

Area(s) Worked: 660 00 - 450 00.

Weather Conditions: CLEAR N/N.W. 5-10 knots (up to 20K.) SEAS 3/5 4/5.

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

Condition of all screening apparatus: _____

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

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

THERE WERE NO INCIDENTS OF TURTLE SIGHTINGS / SAMPLING.

DREDGED MATERIAL CONSISTS OF CLAY / SILT

LOTS OF SEAWEED FIDDLE CRAB / CLAMS / WHELKS.

BARNACLES + WORMS +

(PLASTIC / ROPE / NETTING)

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT.	1	x3	Riding Bow Wake.

Observer(s) On Duty: R. Woods / M. Pierce

ENDANGERED SPECIES OBSERVER

Dredge Atchafalaya

Project Calcasieu River and Pass

DAILY REPORT

Date: 7/14/00 Loads: 256 - 257

Area(s) Worked: Stations: 660+00 – 950+00

Weather Conditions: clear, wind = WNW @ 10-20 knots, seas = B/S 2-4

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

Condition of all screening apparatus: EXCELLENT

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

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

There were no sightings or samples of sea turtles.

Dredged material consists of silt and clay.

Biota sampled included: Seaweed, Blue crab, Mantis Shrimp, Hermit crab lightening whelks, whelk egg cases, 3" flounder, seaweed and wood.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: M. Piercy, R. Woods

Dredge 'ATCHAFALAYA'

Project C.R.A.P.

DAILY REPORT

Date: 7 / 15 / 00. Loads: # 258.

Area(s) Worked: 660+30 – 950+00.

Weather Conditions: Skies/ Clear. Winds/ SW. - 10 Knots. Seas 1/2 2.

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

Condition of all screening apparatus: Excellent.

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

No Turtles Sighted or Sampled.

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

Dredged Material Consists of Silt + Clay.

Biota Samples Included Sea-Grass (in quantity), Worms, Clam + Whelk Shells

(*) Note Dredge in Dock during day
Only one load this day. (# 258)

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments

Observer(s) On Duty: Woods/ Peery.

Dredge Atchafalaya

Project Calcasieu River and Pass

DAILY REPORT

Date: 7/16/00 Loads: 259-260

Area(s) Worked: Stations 660+00 – 950+00

Weather Conditions: clear sky, wind = light westerly, seas = B/S 1-3

Range of H_2O Temperature: Surface 88°F Below Mid-Depth

Condition of all screening apparatus: EXCELLENT

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

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

There were no sightings or samples of sea turtles.

Dredged material consists of silt and clay.

Biota sampled included: seaweed, jumbo shrimp, mantis shrimp lightening whelks, bluecrab (w/eggs), clams and wood.

There were large numbers of shrimp trawlers in the area.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	all day	≈50	following shrimp trawlers, riding bow wakes, fishing.

Observer(s) On Duty: M. Piercy, R. Woods

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge 'ATCHAFALAYA'

Project CALCASIEU RIVER and PASS.

WEEKLY SUMMARY

Dates: 7, 10, 00 - 7, 16, 00. Loads: 248 - 260

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

Area(s) Worked: 660 + 00 - 950 + 00.

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

Comments: THERE WERE NO SIGHTINGS OR SAMPLES OF SEA-TURTLES

Dredged material consists of Silt and Clay.
Biological specimens retained by screening included - SEA GRASS, BLUE CRAB (and eggs.) Spider CRAB, LARGE CLAMS, CALICO CRAB, WORMS, SKATE, HORSE CONCH, BARNACLES, FLOUNDER WHELK + WHELK EGG CASES, SHRIMP(*), BROWN CATFISH + few MOON SNAILS
(* includes Jumbo + Mantis Shrimp.)

The equipment all worked well. Access was improved on foreward Hatch, including stops + handles fitted on access lids on both entrances.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	2	53	following shrimp trawlers, riding bow wakes, fishing

Observers On Duty: RICK WOODS / MEGHAN PIERCY

Dredge Atchafalaya

Project C.R.A.D.

DAILY REPORT

Date: 7, 17, 00. Loads: 261 - 262.

Area(s) Worked: 560+00 - 950+00.

Weather Conditions: SKY- CLEAR. WINDS West-10 KNOTS. SEAS 1 to 2.

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

Condition of all screening apparatus: EXCELLENT.

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

Comments (type of material being dredged, biological specimens, etc.): No Turtles Sighted or Sampled.

Material Dredged - Mud + Silt.

Both Sea-Weed. | Clams | Blue Crab - with eggs.
Worms | Whelk | Horse Conch | Spider Crab.

Bridge Watch Summary

pecies	# of Sightings	# of Animals	Comments
TK.	3	30/40	Around Dredging Operations + near Buoy #16.

)bserver(s) On Duty: _____

Dredge ATCHAFALAYA

Project CALCASIEU CHANNEL

DAILY REPORT

Date: 7/18/00 Loads: 263-264

Area(s) Worked: Stations 660+00 – 950+00

Weather Conditions: clear sky - P/C, seas = B/S, 4, West Wind = 5-10

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

Condition of all screening apparatus: EXCELLENT

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

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

There were no sightings or samples of sea turtles.

Dredged material consists of silt and clay.

Biota retained by screening included: Seaweed, Blue Crab, spider crab, worms, clams, whelks and wood.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	3	50-60	all around dredging operations and riding bow wake of passing ships

Observer(s) On Duty: M. Piercy, R. Woods

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge Atchafalaya

Project Calcasieu River and Pass

DAILY REPORT

Date: 7 / 20 / 00 Loads: 267-268

Area(s) Worked: Stations 660+00 – 950+00

Weather Conditions: Clear, SW wind @ 10-20 Knots, Seas = B/S 4-5

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

Condition of all screening apparatus: EXCELLENT

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

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

There were no incidents with turtles, nor sightings.

Dredged material consists of silt and clay.

Biota retained by screening included: Sea grass, clams, Whelks, whelk egg cases, catfish, Blue crab, large shrimp, Worms, Horse Conch, angel shells and one immature laughing gull which landed in the hopper and was spit out, live, through the overflow.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	3	13	around dredging operation, 4 swimming "in formation"

Observer(s) On Duty: M. Piercy, R. Woods

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge Atchafalaya

Project Calcasieu River and Pass

"FINAL"

DAILY REPORT

Date: 7 / 21 / 00 Loads: 269

Area(s) Worked: Stations: 660+00 - 950+00

Weather Conditions: Clear. SW. WIND. at [illegible] 10/12. SEAS = B/S at. 4/5.

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

Condition of all screening apparatus: EXCELLENT.

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

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

* Load #269 was the last load for the Atchafalaya for this project.

THERE WERE NO TURTLES SIGHTED or SAMPLED.

Dredged material consists of CLAY + SILT.

Biota Retained by screening includes: Sea grass, clams, whelks, Blue crab, shrimp (large), worms.

Bridge Watch Summary

pecies	# of Sightings	# of Animals	Comments

oserver(s) On Duty: R Woods

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Atchafalaya

Project Calcasieu River and Pass

"FINAL" "WEEKLY"

WEEKLY SUMMARY

Dates: 7/17/00 - 7/21/00 Loads: 261-269

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

Area(s) Worked: Stations: 660+00 – 950+00

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

Comments: There were no sightings of sea turtles. On 7/19 one section of a plastron (unidentified species) was found, but it was old, black and in no way attributed ~~it~~ to this dredge's operations.

Dredged material is silt and clay.

Biological samples retained by screening included: sea weed, clams, whelks, worms, Blue crab, spider crab, Horse Conch, barnacles, angel wings, flounder, moonsnail, catfish, large shrimp and wood.

Load number 269 was the last load for the Atchafalaya before she went to the dock to make preparations to depart for the east coast.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	11	≈118	all around dredging operations, riding bow wakes, swimming "in formation"
Unidentified bait fish	numerous	schools on	7/17, all around dredging operations.

Observers On Duty: Meghan Piercy, Rick Woods

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Calcasieu, 00-C-0016

DAILY REPORT #43A

Date 05 / 13 / 00 Load Numbers Started load one

Area(s) Worked Stations 46+800-67+000

Weather Conditions (incl. sea conditions) Winds SE 10-15 knots, Seas beaufort 4

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

Condition and Effectiveness of Screening Good, job just starting for the Colubia and the new screen is just starting to be tested. Any modifications will be made as needed. Working on a new latch system to open and close the gate.

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.):

Observers aboard 1630. The dredge has one inflow screen. The screen is located at the fore end of the hopper. The screen has 4"X4" openings. The screen area has a hatch on top that can be closed. There are three material deflectors in the hopper flow area or lander. The screening is 100% inflow screened.

The screen was cleaned once today. The screen was full of trash and clay.

Material digging is mud silt and clay.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	5	1830, cut, bottlenose dolphins

Observer(s) on duty Eric Westerman, S. Barry

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Calcasieu, 00-C-0016

DAILY REPORT # 44 A

Date 05 / 14 / 00 Load Numbers 1 - 2

Area(s) Worked Stations 468-00 - 670-00

Weather Conditions (incl. sea conditions) Winds SE @ 15-20 knots, BSS 5

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

Condition and Effectiveness of Screening Good, modifications being made on inflow box for latching system.

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 endangered species (sea turtles) were sighted today.

Material being dredged is primarily mud, silt, and clay. Large amounts of trash have been found.

The screen is being monitored and cleaned.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Lt	2	1650 / Cut / Travel

Observer(s) on duty S. Barry, E. Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Calcasieu, 00-C-0016

WEEKLY SUMMARY

Dates 05/13/00 - 05/14/00 **Load Numbers** 1-2

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

Areas Worked (lat/longs, stations) Stations 468-00 - 670-00

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

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

The dredge has 100% inflow screened with modifications being made to the latching system.

Material being dredged is primarily mud, silt and clay. Large amounts of trash have been found in the screened inflow box

No Sea turtles have been sighted this week.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
05/13	Tt #5	1830/ Cut / Travel E
05/14	Tt #2	0650/ Cut / Travel
/		
/		
/		
/		
/		

Observers on duty S. Barry, E. Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Calcasieu, 00-C-0016

DAILY REPORT #45A

Date 05 / 15 / 00 **Load Numbers** 03-04

Area(s) Worked Stations 468+00-670+00

Weather Conditions (incl. sea conditions) Winds NE 20-25 knots, Seas beaufort 6

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

No sea turtles were sampled or sighted today. An old weathered sea turtle bone was sampled today.

Modifications were completed today for the inflow screen. A new opening device was welded on today. This allows the observers to open up the gate faster to get rid of debris build up. This also keeps the gate tightly closed at the bottom.

Even though only two dumps are made a day the inflow cage is continuously cleaned during the load. Observers are cleaning the cages on the turn. This is due to very large accumulation of debris clogging the screen. Debris mainly consists of sargassum, clay and trash.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
		No sightings

Observer(s) on duty Eric Westerman, S Barry

END. .GERED SPECIES OBSERVER PRC IAM

Dredge: Columbia

Project: Calcasieu, 00-C-0016

DAILY REPORT # 46 A

Date 05 / 16 / 00 **Load Numbers** 05-06

Area(s) Worked Stations 468+00 -670+00

Weather Conditions (incl. sea conditions) Winds SW @ 10 Knots, Seas beaufort 3

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

No sea turtles were sampled or sighted today.
Two (2) old weathered sea turtle bones were sampled today.

Material being dredged is primarily mud, silt and clay.
Large amounts of trash is being found.
Bycatch consists of worms, sargassums, and blue crabs

Inflow box remains monitored and cleaned during loads.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Suzanne Barry, E. Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Calcasieu, 00-C-0016

DAILY REPORT #47A

Date 05 / 17 / 00 **Load Numbers** 07-08

Area(s) Worked Stations 468+00-670+00

Weather Conditions (incl. sea conditions) Winds southerly 20 knots, Seas beaufort 5

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

Condition and Effectiveness of Screening Good, new splash guard welded on today.

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 sea turtles were sampled or sighted today.

Samples continue to be large in quantity. Samples mainly consist sargassum, clay, shell, worms, trash and spider crabs.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
		No sightings

Observer(s) on duty Eric Westerman, S Barry

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Calcasieu, 00-C-0016

DAILY REPORT #48A

Date 05 / 18 / 00 Load Numbers 09-10

Area(s) Worked Stations 468+00 - 670+00

Weather Conditions (incl. sea conditions) Winds SW @ 20-25 knots BSS 6

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

No sea turtles were sighted or sampled today.

Material being dredged is primarily mud, silt and clay.

Samples consist of clay, worms, sargassums, and trash.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	6	0615 / Jettie

Observer(s) on duty Suzanne Barry / E Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Calcasieu, 00-C-0016

DAILY REPORT #49A

Date 05 / 19 / 00 **Load Numbers** 11-12

Area(s) Worked Stations 468+00-670+00

Weather Conditions (incl. sea conditions) Winds southerly 10-15 knots, Seas beaufort 4

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

No sea turtles were sampled or sighted today.

Samples continue to be large in quantity mainly consisting of clay, sargassum, blue crabs, trash, dolly varden crabs, mantis shrimp, whelk egg casing and shell.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
		No sightings

Observer(s) on duty Eric Westerman, Suzanne Barry

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Calcasieu, 00-C-0016

DAILY REPORT #50A

Date 05 / 20 / 00 **Load Numbers** 13-14

Area(s) Worked Stations 468+00 - 670+00

Weather Conditions (incl. sea conditions) Winds WNW @ 5-10 Knots, BSS 3

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

No sea turtles were sighted or sampled today.

Material being dredged is primarily mud, silt, and clay.

Samples are large in quantity mainly consisting of clay, trash, sargassums, blue crabs, spider crabs, shell and a red drum was found.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observer(s) on duty Suzanne Barry, E. Westerman

ENDANGERED SPECIES OBSERVER

Dredge: Columbia

Project: Calcasieu / 00-C-0016

DAILY REPORT #51A

Date 05 / 21 / 00 Load Numbers 15-16

Area(s) Worked Stations 468+00-670+00

Weather Conditions (incl. sea conditions) Winds southerly 5-10 knots, Seas beaufort 3

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

No sea turtle were sighted or sampled today. Samples today mainly consisted of clay, sargassum, flounder, blue crabs, flounder, spider crabs and trash. Material digging is mud, silt and clay.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
		No sightings

Observer(s) on duty Eric Westerman, Suzanne Barry

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Calcasieu, 00-C-0016

WEEKLY SUMMARY

Dates 05 / 15 / 00 - 05 / 21 / 00 Load Numbers 03-16

Range of Water Temp., Surface 78-80°F Below Mid-Depth 78-80°F

Areas Worked (lat/longs, stations) Stations 468+00-670+00

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

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

No sea turtles were sighted or sampled this week. Two old weathered sea turtle bones were sampled.

Samples this week were large in quantity mainly consisting of clay, sargassum, whelk egg casing, spider crabs, blue crabs, dolly varden crabs, mantis shrimp, shell, flounder, red drum and trash. The screen is routinely cleaned ever other turn and when the dredge dumps. This helps the screen from clogging up.

The inflow screen remains in good working order. A new latch system and splash boards were added this week.

Observers are taking water temperatures from the dredge in the cut area.

Material digging is mud, silt and clay.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
05 / 18	Tt 6, bottlenose dolphins	
/		
/		
/		
/		
/		
/		

Observers on duty Eric Westermann, Suzanne Barry

ENDANGERED Species Observer

Dredge: Columbia

Project: Calcasieu

DAILY REPORT

Date 05 / 22 / 00 Load Numbers 17-18

Area(s) Worked Stations 468+00 - 670+00

Weather Conditions (incl. sea conditions) Southerly winds @ 7-10 knots, BSS 3

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

No sea turtles were sighted or sampled today.

Material being dredged is primarily mud, silt and clay.

Samples mainly consist of clay, trash, blue crabs, net, ape, shell, worms, and whelk egg casings.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	3	0959 / cut

Observer(s) on duty Suzanne Barry / Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Calcasieu

DAILY REPORT

Date 05 / 23 / 00 **Load Numbers** 19-20

Area(s) Worked Stations 468+00-670+00

Weather Conditions (incl. sea conditions) Winds southerly 10-20 knots, Seas beaufort 4

Range of Water Temp., Surface 81°F **Below Mid-Depth** 81°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.):

No sea turtles were sampled or sighted today. Samples today consisted of clay, sargassum, shell, worms, blue crabs, whelk egg cases and trash.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	3	1640, cut, bottlenose dolphins

Observer(s) on duty Eric Westerman, Suzanne Barry

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Calcasieu

DAILY REPORT

Date 05 / 24 / 00 **Load Numbers** 21-22

Area(s) Worked Stations 468+00 - 670+00

Weather Conditions (incl. sea conditions) Winds WSW @ 20 knots, BSS 5

Range of Water Temp., Surface 81°F **Below Mid-Depth** 81°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.):

No sea turtles were sampled or sighted today.

Material being dredged is primarily mud, clay, and silt

Samples today consisted of clay, sargassum, worms, flounder, blue crabs, shrimp and trash

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	5	1830 / cut / feeding

Observer(s) on duty Suzanne Barry, Eric Westerman

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Calcasieu

DAILY REPORT

Date 05/25/00 **Load Numbers** 22-23

Area(s) Worked Stations 468+00 - 670+00

Weather Conditions (incl. sea conditions) Winds SW @ 15-20 kts, Bss 5

Range of Water Temp., Surface 81°F **Below Mid-Depth** 81°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.):

No sea turtles were sampled or sighted today.

Material being dredged is primarily mud, clay and silt.

Samples today consisted of clay, trash, Sargassums and blue crabs.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
LT	8	1130 / Jetties / Trawl N

Observer(s) on duty Suzanne Barry / Chris Carroll

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Calcasieu

DAILY REPORT

Date 05 / 27 / 00 **Load Numbers** 27-28

Area(s) Worked Stations 468+00 - 670+00

Weather Conditions (incl. sea conditions) SSW winds @ 10-20 knots, BSS 5

Range of Water Temp., Surface 81°F **Below Mid-Depth** 81°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.):

No Sea turtles were sighted or sampled today

Material being dredged is primarily mud, clay, and silt

Samples today consisted of clay, trash, Sargassum, blue crabs

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Lt	3	1330 / cut / Travel

Observer(s) on duty S. Barry / Carroll

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Calcasieu

WEEKLY SUMMARY

Dates 5/22/00 - 5/27/00 **Load Numbers** *17 thru *29

Range of Water Temp., Surface 80°F - 86°F **Below Mid-Depth** 80°F - 81°F

Areas Worked (lat/longs, stations) 468+00 thru 470+00

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

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

No turtles were taken or seen during this period. Material consists of clay & silt. Large amounts of trash (plastic, wood, rubber, and metal) have been cleared from boxes on a regular basis. All screening is in place and in working condition.

Biota taken has consisted of:

Blue Crabs

Worms

White egg bearings

Whelk

Flounder

Shrimp

Sargassum

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
5/22	Tt 1/clm cut	
5/23	Tt 3/clm cut	
5/24	Tt 5/clm cut	
5/25	Tt 2/clm cut	
5/26	Tt 6-3/clm Dumpsite	
5/27	Tt 3/clm cut	
/		

Observers on duty Barry Carroll

Dredge: Columbia

Project: Calcasieu

DAILY REPORT

Date 05 / 28 / 00 Load Numbers 29, 30

Area(s) Worked Stations 468+00 thru 670+00

Weather Conditions (incl. sea conditions) SSW 10-20 kts, BSO 3-5, Pt. Cloudy, 89°F

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

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.):

No Sightings / Material the Same.

By-catch: Blue Crab
Longnose Gross
Bi Colored Eel
Whelk Casing
Whelk.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	4	0639 / Cut / Feeding + Socializing
Tt	8	0820 / Dump / "

Observer(s) on duty Barry Carroll

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: Columbia

Project: Calcasieu

DAILY REPORT

Date 05 / 29 / 00 Load Numbers 31 - 32

Area(s) Worked Stations 468+00 - 670+00

Weather Conditions (incl. sea conditions) NSW winds @ 10-12 knots, Bss 3 Partly Cloudy

Range of Water Temp., Surface 81°F - 82°F Below Mid-Depth 81°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.):

No sea turtles were sighted or sampled today.

Material being dredged is primarily mud, clay and silt.

Todays bycatch consisted of clay, trash, flounder, worms, whelk egg casings and sargassum.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TT	6	1745 / Cut / Trawl

Observer(s) on duty Suzanne Barry, Chris Camll

ENDANGERED SPECIES OBSERVER

Dredge: Columbia

Project: Calcasieu

DAILY REPORT

Date 05 / 31 / 00 **Load Numbers** 35-36

Area(s) Worked Stations 468-00 - 670-00

Weather Conditions (incl. sea conditions): Southerly & easterly winds @ 4-10knots BSS 2-3, Sunny/clear

Range of Water Temp., Surface 81°F **Below Mid-Depth** 81°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.):

No sea turtles were sighted or sampled today.

Material being dredged is primarily clay, mud and silt.

Bycatch today consisted of whelk egg casings, flounder (2), shrimp, sargassums, and blue crabs (4). Large amounts of trash have been found.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
LT	6	0849 / East / Feeding & Socializing
LT	3	1305 / East / Play

Observer(s) on duty Suzanne Barry / Chris Cavell

Dredge: Columbia
Project: Calcasieu River

DAILY REPORT

Date 06 / 01 / 00 Load Numbers 37 38

Area(s) Worked 468+00 — 670+00

Weather Conditions (incl. sea conditions) Clear, SSE 3-10 kts, BSS 3-4, 79°-89

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

- NO INCIDENTS -

- SUBSTRATE IS CLAY/MUD. -

- BIOLOGICAL SPECIMENS OBSERVED AS A RESULT OF BY-CATCH INCLUDE: VARIOUS CRUSTACEANS
VARIOUS GASTROPODS
WORMS
FLATFISH
EEL

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	4	0900 / Buoy 34 / Feeding + Traveling
Tt	6	1552 / Buoy 20 Heading Eas

Observer(s) on duty Carroll / Frye

Dredge: COLUMBIA

Project: CALCASIEU

DAILY REPORT

Date 06 / 02 / 00 Load Numbers 39 - 40

Area(s) Worked 468' - 674' & 468' - 670'

Weather Conditions (incl. sea conditions) CLEAR - 87° / BSS 3-4 / SSE @ 10 KTS

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

- SUBSTRATE CONSISTS OF CLAY MUD.

- ABIOTIC DEBRIS CONSISTS OF PIPE / CABLE, NETTING, FISHING LINE, SCRAP METAL, CLOTHING / SHOES, AND OTHER ASSORTED TRASH.

- BIOLOGICAL SPECIMENS OBSERVED AS A RESULT OF BY CATCH INCLUDE: VARIOUS CRUSTACEANS & GASTROPODS EEL, WORMS, FLATFISH, AND ASSORTED VEGETATION.

- NO INCIDENTS -

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. TRUNCATUS	4	1250
"	6	1350 INCHANNEL FEEDING
"	5	1410

Observer(s) on duty STRYE, CARROLL

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge: COLUMBIA

Project: CALCASIEU

DAILY REPORT

Date 06 / 03 / 00 **Load Numbers** # 41 & 42

Area(s) Worked 468*** - 679***

Weather Conditions (incl. sea conditions) CLEAR, BSS 2-5', SSE 5-10 KTS

Range of Water Temp., Surface 81-82°F **Below Mid-Depth** 81°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.):

- SUBSTRATE IS COMPOSED OF CLAY/MUD -

- ABIOTIC DEBRIS CONSISTS OF ROPE/CABLE, FISHING LINE/NET, CLOTHING/SHOES, & ASSORTED TRASH.

- BIOLOGICAL SPECIMENS OBSERVED AS A RESULT OF BY-CATCH INCLUDE: VARIOUS CRUSTACEANS & GASTROPODS (INCLUDING KNOBBED WHELK EGG CASINGS), NUMEROUS SPECIES OF EEL, WORMS, & JUVENILE FLOUNDER.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. TRUNCATUS	4	1239 IN CHANNEL TRAVELING
"	3	1632 " FEEDING
"	6	1819 " FEEDING

Observer(s) on duty FRYE, CARROL

Dredge: COLUMBIA

Project: CALCASIEU, 00-C-0016

#65A

DAILY REPORT

Date 06 / 04 / 00 **Load Numbers** # 43-44

Area(s) Worked STATIONS 468.00 - 674.00

Weather Conditions (incl. sea conditions) PARTLY CLOUDY, 85% S, WSW ~15 KTS, 87°F

Range of Water Temp., Surface 28°C or 82°F **Below Mid-Depth** 28°C or 82°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.):

- SUBSTRATE IS CLAY, MUD & SILT -

- BIOLOGICAL BY-CATCH INCLUDES: VARIOUS CRUSTACEANS & GASTEROPODS, JUVENILE FLOUNDER, & EEL.

- ABIOTIC DEBRIS COMPOSED OF ROPE/CABLE, FISHING LINE, NET, CLOTHING/SHOES, WOOD & OTHER ASSORTED TRASH

- NO INCIDENTS -

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. TRUNCATUS	4	1241 IN CHANNEL FEEDING
"	3	1523 "

Observer(s) on duty FRYE, CARROLL

ENDANGERED SPECIES [illegible]

Dredge: COLUMBIA

Project: CALCASIEU, 00-C-0016

DAILY REPORT #66A

Date 06 / 05 / 00 Load Numbers 45-46

Area(s) Worked 468 TOO 674 TOO

Weather Conditions (incl. sea conditions) CLOUDY/RAIN, WNW 5-20 KTS, BSS 3-6 FT

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

- SUBSTRATE IS SILT, CLAY & MUD

- BIOLOGICAL BY-CATCH INCLUDES: BLUE CRABS, VARIOUS GASTROPODS, EEL, 1 JUVENILE & 1 ADULT ROUNDFISH, & SARGASSUM.

- ABIOTIC DEBRIS DREDGED CONSISTED OF WOOD, ROPE/CABLE, FISHING LINE/NET, CLOTHING, SCRAP METAL, & ASSORTED TRASH.

- NO INCIDENTS -

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. TRUNNATUS	3	0800 @ THE DUMP
"	4	1248 IN CHANNEL FEEDING
"	6	1315 "
"	8	1570 "

Observer(s) on duty FRYE, CARROLL

Dredge: COLUMBIA

Project: CALCASIEU

DAILY REPORT

Date 06 / 66 / **Load Numbers** - NONE -

Area(s) Worked - NONE -

Weather Conditions (incl. sea conditions) CLEAR, BSS 3-4, NNE ~ 5-10 KTS

Range of Water Temp., Surface 83°F **Below Mid-Depth** 82°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.):

- UNABLE TO DREDGE DUE TO THE LOSS OF THE DRAGHEAD & DRAGARM -

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty FRYE, CARROLL

Dredge: COLUMBIA

Project: CALCASIEU

DAILY REPORT

Date 06/07/00 Load Numbers - NONE -

Area(s) Worked - NONE -

Weather Conditions (incl. sea conditions) CLEAR → OVERCAST, BSS5, SSE 15 KTS

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

- UNABLE TO DREDGE DUE TO THE LOSS OF THE DRAGHEAD & DRAGARM -

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observer(s) on duty TRYE, CARROLL

Dredge: COLUMBIA

Project: CALCASIEU

DAILY REPORT

Date 06 / 08 / 00 **Load Numbers** - NONE -

Area(s) Worked - NONE -

Weather Conditions (incl. sea conditions) OVERCAST, CALM, AT DOCK

Range of Water Temp., Surface 83° F **Below Mid-Depth** 85° 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.):

- UNABLE TO DREDGE DUE TO REPAIRS -

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. TRUNCATUS	UNKNOWN	SEEN THROUGHOUT THE DAY IN RIVER

Observer(s) on duty TRUE, BAHADUR

Dredge: COLUMBIA

Project: CALCASIEU, 00-C-0016

DAILY REPORT #67A

Date 06 / 09 / 00 Load Numbers 47

Area(s) Worked 468+00 – 674+00

Weather Conditions (incl. sea conditions) TOUGH, SE 15-20 KTS SEAS 5-5, OVERCA

Range of Water Temp., Surface 27°C OR 85°F Below Mid-Depth 27°C OR 85°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.):

– SUBSTRATE IS CLAY, MUD & SILT –

– BIOLOGICAL BY-CATCH INCLUDES VARIOUS SPECIES OF CRUSTACEANS & GASTROPODS, EEL & WORMS.

– ABIOTIC DEBRIS DREDGED INCLUDES ROPE, FISHING NET/LINE, TIRES & ASSORTED TRASH.

– DREDGING RESUMED LATE IN THE PM.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. TRUNCATUS	– NUMEROUS –	SEEN THROUGHOUT THE DAY IN CHANNEL

Observer(s) on duty TRYE, BAUMDUR

Design: COLUMBIA

Project: CALCASIEU, D. - C - 0016

DAILY REPORT #68A

Date 06 / 10 / 00 Load Numbers 48

Area(s) Worked STATIONS 2168+00 - 674+00

Weather Conditions (incl. sea conditions) PARTLY CLOUDY, 3-4 FT SEAS, SE ~ 10-15 KTS

Range of Water Temp., Surface 85°F Below Mid-Depth 85°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.):

- SUBSTRATE IS SILT & CLAY MUD -

- BIOLOGICAL BY CATCH INCLUDES A VARIETY OF SPECIES OF CRUSTACEANS & GASTROPODS, EEL, BOTTOMFISH, AND MARINE VEGETATION -

- ABIOTIC DEBRIS DREDGED INCLUDES TIRES, ROPE/CABLE, FISHING LINE/NET, CLOTHING, WOOD, SCRAP METAL & ASSORTED TRASH -

- NO INCIDENTS -

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. TRUNCATUS	NUMEROUS	SEEN THROUGHOUT THE DAY IN CHANNEL

Observer(s) on duty FRYE, POTHIAUX

ENDANGERED SPECIES OBSERVER

Dredge: Columbia

Project: Calcasieu Pass, LA, 00-C-0016

WEEKLY SUMMARY

Dates 061041 00 - 061101 00 Load Numbers 43 - 48

Range of Water Temp., Surface 82-83°F Below Mid-Depth 82-83°F

Areas Worked (lat/longs, stations) Stations 468^too - 674^too

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

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

Dredged material was mostly silt and clay.
Incidentally taken biota included eels, flatfish, roundfish, bivalve and gastropod molluscs and sea grass.
Screening continues to be very effective.
Observer Bahadur replaces Carroll on 6/8/00.
There were no incidents involving endangered or protected species.
Assorted abiotic debris including discarded fishing gear, rope, cable, scrap metal and rags also accumulated in inflow screening.

Bridge Watch Summary

Date	Various Species and Respective Number	Comments
06/04	Continuous sightings of T. truncatus during daylight hours occurs in the Calcasieu ship channel and disposal area.	Group size of animals sighted ranged from single animals to groups of five
06/10		

Observers on duty Carroll, Frye, Bahadur

Dredge: Columbia

Project: Calcasieu River, LA, 00-C-0016

DAILY REPORT #69A

Date 06 / 11 / 00 Load Numbers 49 - 50

Area(s) Worked Stations 468+00 — 670+00

Weather Conditions (incl. sea conditions) Seas 3-5 Ft, Ptly Cloudy, S Wind 10-15 kts

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

Condition and Effectiveness of Screening Screening is in excellent 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.):

Dredged material was mostly silt and clay.
Biological specimens included significant amounts of sea grass, bivalves, gastropods, shrimp and blue crab and a bathid flounder.
Assorted abiotic debris also retained by screening.
There were no incidents.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
I. texanus	Continuous sightings throughout daylight hours	

Observer(s) on duty FRYE, BAHADUR

Dredge: Columbia

Project: Calcasieu River, LA 00-C-0016

DAILY REPORT # 70A

Date 06 / 12 / 00 Load Numbers 51-52

Area(s) Worked Stations 468 too — 670 too

Weather Conditions (incl. sea conditions) Seas 1-3 ft, Partly Cloudy, SWind 10-15 kts

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

Dredged material was silt and clay

Biological specimens were polychaete worms, blue crabs, molluscs, and heavy amounts of sea grass.

Assorted abiotic debris also retained by screens

There were no incidents.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
T. truncatus	Continuous	sightings throughout daylight hours in
	vicinity of	channel and disposal area.

Observer(s) on duty FRYE, BAHADUR

Dredge Columbia

Project Calcasieu, LA, 00-C-0016

DAILY REPORT #71A

Date: 6/13/00 Loads: 53, 54

Area(s) Worked: STATIONS 468 [100] — 670 [100]

Weather Conditions: SSW wind to 18kts, Partly Cloudy, Seas 2-4 ft.

Range of H_2O Temperature: Surface 82-83° F Below Mid-Depth 82-83° 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.):

Dredged material was silt and clay

Biological specimens were bivalve and gastropod molluscs, sea grass, blue crabs, hybrid Catfish, shrimp and a mantis shrimp.

Assorted abiotic debris is also being retained by screening

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	Seen throughout daylight hours		

Observer(s) On Duty: FRYE BAHADUR

Dredge Columbia

Project Calcasieu, LA, 00-C-0016

DAILY REPORT #72A

Date: 6/14/00 Loads: 55, 56

Area(s) Worked: STATIONS 468+00 — 670+00

Weather Conditions: SW Wind 10-20kts, Seas 3-6ft, Partly Cloudy

Range of H_2O Temperature: Surface 82-83°F Below Mid-Depth 82-83°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 silt and clay.
Incidentally taken biota: shrimp, blue crabs, sea grass, gastropod and bivalve molluscs, eels and worms.
Significant amounts of abiotic debris also observed in screens.
There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
NO SIGHTINGS			

Observer(s) On Duty: BAHADUR, FRYE

END/ GERD SPECIES OBSERVER PROGRAM

Dredge COLUMBIA

Project Calcasieu, LA, 00-C-0016

DAILY REPORT #73A

Date: 6/15/00 Loads: 57, 58

Area(s) Worked: STATIONS 468+00 -670+00 and 465+00 -600+00

Weather Conditions: Sand SSW wind 10-20 kts, Seas 1-4 ft, Partly cloudy

Range of H_2O Temperature: Surface 83°F Below Mid-Depth 83°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 silt and clay.

Incidentally taken biota remained light and consisted of the following: shrimp, goby, molluscs (lamellibranchs and gastropods), blue crabs, eels, annelid worms, and seagrass.

The bulk of specimens retained by inflow screening is abiotic in nature.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	1	1	Bow riding in channel

Observer(s) On Duty: BAHADUR, FRYE

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Columbia

Project CALCASIEU, LA, 00-C-0016

DAILY REPORT #74A

Date: 6/16/00 Loads: 59-60

Area(s) Worked: Stations 1468^too — 674^too and 60^too - 222^too

Weather Conditions: SW Wind 10-20kts, Seas 2-4 ft, Overcast

Range of H_2O Temperature: Surface 83°F Below Mid-Depth 83°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 silt and clay.
Biological samples were flatfish, clupeid fish, eels, crabs, gastropod and bivalve molluscs, worms and sea grass.
Abiotic debris also noted in screens.
After load #60 the vessel departed the dredge area and proceeded upriver to begin emergency work clearing the river of a sunken drydock.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T truncatus	Seen throughout daylight hours.		

Observer(s) On Duty: FRYE, BAHADUR

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Columbia

Project Calcasieu Pass, LA

DAILY REPORT

Date: 7/4/00 Loads: 61 (begin)

Area(s) Worked: 686[100] – 800[100]

Weather Conditions: SE Wind 10-15 kts, Seas 2-4 ft, Clear Skies

Range of H_2O Temperature: Surface 28°C Below Mid-Depth 28°C

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 resumes at 1235 hrs. today as dredge is taken off the emergency project in the Calcasieu river and back on station in offshore dig area.

Dredged material was silt and clay

biological specimens were blue crab, shrimp and molluscan shells.

Abiotic debris also seen in screens.

No loads completed by 0000 hrs.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
0			

Observer(s) On Duty: BAHADUR, FRYE

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge COLUMBIA

Project CALCASIEU, LA

DAILY REPORT

Date: 7 / 5 / 00 Loads: 61, 62

Area(s) Worked: Stations $686^{+00} - 800^{+00}$ and $60^{+00} - 222^{+00}$

Weather Conditions: SE Winds 10-15 kts, Partly Cloudy, Seas 2-3 ft

Range of H_2O Temperature: Surface 28 °C Below Mid-Depth 28°C

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 silt and light clay

Biological specimens were: catfish, eels, redfish, bluecrabs, bivalves, gastropods, annelid worms, seagrass and a goby.

Heavy abiotic debris being trapped in inflow screening in stations 60^{+00} — 222^{+00}.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
I. truncatus	Continuous sighting of	20 ± 5	individuals throughout daylight
	hours in dig area closer		to jetties.

Observer(s) On Duty: FRYE, BAHADUR

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge COLUMBIA

Project CALCASIEU, LA

DAILY REPORT

Date: 7/6/00 Loads: 63, 64

Area(s) Worked: STATIONS 60^too - 222^too

Weather Conditions: light wind to SE 15 kts, Seas 1-3 ft., Clear Skies

Range of H_2O Temperature: Surface 28-29°C Below Mid-Depth 28-29°C

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

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

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

Material dredged is thick silt with some clay.

Biological specimens were crabs, bivalves, gastropods, goby, seagrass, annelid worms, eels and shrimp.

Significant amounts of abiotic debris comprised of mainly discarded fishing gear, were also observed in screens

Screens are cleaned at regular intervals and are occasionally plugged with bryozoans.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	Continuous sighting throughout daylight hours with higher than previously observed frequency of tail slapping and breaching behaviors		

Observer(s) On Duty: FRYE, BAHADUR

ENDANGERED SPECIES OBSERVATION

Dredge COLUMBIA

Project Calcasieu, LA

DAILY REPORT

Date: 7/7/00 Loads: 65

Area(s) Worked: Stations 60+00 – 222+00

Weather Conditions: SE Winds 5-15 kts, Seas 1-2 ft., Clear skies

Range of H_2O Temperature: Surface 28°C Below Mid-Depth 28° C

Condition of all screening apparatus: EXCELLENT

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

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

Dredged material is heavy silt and clay

Biological specimens were a juvenile shark, gastropods, barnacles, annelid worms and copious amounts of bryozoans, which routinely clog screens. Assorted debris also observed in screens.

There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
0			

Observer(s) On Duty: FRYE, BAHADUR

ENDAN [illegible]

Dredge COLUMBIA

Project Calcasieu, LA

DAILY REPORT

Date: 7/8/00 Loads: 66, 67

Area(s) Worked: STATIONS 60+00 - 222+00

Weather Conditions: Calm winds, Calm seas, Hazy

Range of H_2O Temperature: Surface 29°C - 30°C Below Mid-Depth 29°C - 30°C

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 mud and trace amounts of clay.
The predominant biological specimen continues to be bryozoan colonies which clog screens. Other recorded biota were bivalves, gastropods, worms, juvenile drum, eels, crabs and shrimp.
Assorted abiotic debris is also being retained by screens.
There were no incidents.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. truncatus	Continuous sightings of animals throughout daylight hours. Possible resident pods due to repeated sightings of individuals with distinguishing features.		

Observer(s) On Duty: FRYE, BAHADUR

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge COLUMBIA

Project CALCASIEU, LA

WEEKLY SUMMARY

Dates: 7/4/00 - 7/8/00 Loads: 61 - 67

Range of H_2O Temperature: Surface 28 - 30°C Below Mid-Depth 28 - 30°C

Area(s) Worked: STATIONS 686^TOO - 800^TOO & 60^TOO - 222^TOO

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

Comments:

- SUBSTRATE IS COMPOSED OF SILT, MUD & LIGHT CLAY -

- BIOLOGICAL SPECIMENS OBSERVED AS A RESULT OF BY-CATCH INCLUDE VARIOUS CRUSTACEANS, MOLLUSKS, ANNELID WORMS, BONAFISH, EEL BRYOZOANS, & SEAGRASS.

- ASSORTED ABIOTIC DEBRIS WAS RETAINED IN SCREENING APPARATUS AND REQUIRED NUMEROUS "CLEANING" PER LOAD.

- NO INCIDENTS -

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. TRUNCATUS	-	-	CONTINUOUS SIGHTINGS OF RESIDENT POD IN THE CHANNEL THROUGHOUT DAYLIGHT HOURS

Observers On Duty: TYE, BAHADUR

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge COLUMBIA

Project CALCASIEU, LA

DAILY REPORT

Date: 7/9/00 Loads: 68 & 69

Area(s) Worked: STATIONS 60+00 - 222+00

Weather Conditions: 2-3 FT SEAS, SLIGHTLY OVERCAST, WIND ~ 5-10 KTS

Range of H_2O Temperature: Surface 29°-30°C Below Mid-Depth 29°-30°C

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.):

- SUBSTRATE IS SILT & MUD -

- BIOLOGICAL SPECIMENS OBSERVED AS A RESULT OF BY CATCH INCLUDE VARIOUS CRUSTACEANS, BIVALVES, GASTROPODS, ROUNDFISH, FLATFISHES & SEAGRASS.

- ABIOTIC DEBRIS REPEATEDLY CLOGGED INTAKE SCREENING AND REQUIRED REGULAR CLEANINGS THROUGHOUT EACH LOAD.

- NO INCIDENTS -

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. TRUNCATUS	- CONTINUOS SIGHTINGS OF NUMEROUS INDIVIDUALS IN AND AROUND THE CHANNEL		

Observer(s) On Duty: TRYE, BAHADUR

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge COLUMBIA

Project CALCASIEU, LA

DAILY REPORT

Date: 7 / 10 / 06 Loads: 70 & 71

Area(s) Worked: STATIONS 60+00 - 222+00

Weather Conditions: ~3' SEAS, WSW ~10 KTS, PARTLY CLOUDY

Range of H_2O Temperature: Surface 30°C Below Mid-Depth 30°C

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.):

- SUBSTRATE IS SILT & MUD -

- BIOLOGICAL SPECIMENS OBSERVED AS A RESULT OF BY-CATCH INCLUDE VARIOUS CRUSTACEANS & GASTROPODS, CATFISH, GOBY, BRYOZOANS & SEA GRASS.

- ABIOTIC DEBRIS WAS COMPOSED OF ROPE/CABLE, NET, CLOTHING, WOOD, SCRAP METAL, TIRES & ASSORTED TRASH.

- NO INCIDENTS -

-

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. TRUNCATUS	-	NUMEROUS	SIGHTINGS OF RESIDENT
		POD IN	CHANNEL.

Observer(s) On Duty: FRYE, BAHADUR

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge COLUMBIA

Project CALCASIEU, LA

DAILY REPORT

Date: 7/11/00 Loads: 7 & 8

Area(s) Worked: STATIONS 60+00 - 222+00

Weather Conditions: 1-2 FT SEAS, SW ~10 KTS, CLOUDY

Range of H_2O Temperature: Surface 30°-31°C Below Mid-Depth 30°-31°C

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.):

- SUBSTRATE IS SILT & MUD -

- BIOLOGICAL SPECIMENS OBSERVED AS A RESULT OF BY-CATCH INCLUDE VARIOUS CRUSTACEANS, GASTROPODS, BIVALVES, FLOUNDER, EELS, WORMS, BRYOZOANS & SEA GRASS.

- ABIOTIC DEBRIS COMPOSED OF WOOD, SCRAP METAL, NETTING, CLOTHING & OTHER ASSORTED TRASH REGULARLY CLOGGED SCREENING APPARATUS.

- NO INCIDENTS -

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. TRUNCATUS	NUMEROUS	SIGHTINGS THROUGHOUT THE DAY.	

Observer(s) On Duty: FRYE, BRANDT

Dredge COLUMBIA

Project CALCASIEU, LA

DAILY REPORT

Date: 7 / 12 / 00 Loads: 74 & 75

Area(s) Worked: STATIONS 60+00 - 222+00

Weather Conditions: W-SW ~ 5-20 mts, 2-4' SEAS, CLEAR

Range of H_2O Temperature: Surface 30-31°C Below Mid-Depth 30-31°C

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.):

- SUBSTRATE IS SILT & MUD
- BIOLOGICAL SPECIMENS OBSERVED AS A RESULT OF BY-CATCH INCLUDE GASTROPODS, BIVALVES, BEYOZOANS & SEA GRASS.
- ABIOTIC DEBRIS CONSISTING OF WOOD, SCRAP METAL, FISHING LINE/NET, CLOTHING, ROPE/CABLE & OTHER ASSORTED TRASH REGULARLY CLOGGED IN-FLOW SCREENING & REQUIRED NUMEROUS CLEANINGS PER LOAD.
- NO INCIDENTS.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. TRUNCATUS	CONTINUOUS SIGHTINGS OF RESIDENT POD THROUGHOUT THE DAY.		

Observer(s) On Duty: FRYE, BAHADUR

ENDANGERED SPECIES [illegible]

Dredge Columbia

Project Calcasieu, La

DAILY REPORT

Date: 04/13/00 Loads: 76-77

Area(s) Worked: Stations 60+00 - 222+00

Weather Conditions: WSW 10KTS - 2-3' seas Partly Cloudy.

Range of H_2O Temperature: Surface 30°c Below Mid-Depth 30°c

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 is Silt + Mud. / Trash, Wood, Rope, Plastic Etc.

Biota: Crustaceans (Various)
Clams
Worms
Lampreys (Sargassum)

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T.T.	Many	Many	Multiple sightings throughout the day in Channel.

Observer(s) On Duty: Frye, Carroll

Dredge Columbia

Project Calcasieu River

DAILY REPORT

Date: 07/14/00 Loads: 78-79

Area(s) Worked: Stations 68[00] - 222[00]

Weather Conditions: WSW 10-15 KTS, 2-4' seas Sunny 96°-99°F

Range of H_2O Temperature: Surface 28°C Below Mid-Depth 30°C

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.): Good movement of track. Material: Silt + Mud.

Biota: Same

Operations the same and remain unchanged.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T.T.	Many	Many	in channel throughout the day

Observer(s) On Duty: Chris Carroll / Bibb Fryer

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Columbia

Project Calcasieu River

DAILY REPORT

Date: 07 / 15 / 00 Loads: #80 - 81

Area(s) Worked: 60+00 ⇒ 222+00

Weather Conditions: WSW 10-12 kts, 2'-3' seas, Clear

Range of H_2O Temperature: Surface 88°F / 30°C Below Mid-Depth 88°F / 30°C

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.):

Same Material being dredged. (Silt + Mud)

Some Biter, Trash, and Wood.

Operations Remain the same.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T.T.	Many	Many	in channel throughout the day.

Observer(s) On Duty: Carroll / Frye

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Columbia

Project Calcasieu River, Cameron, La.

WEEKLY SUMMARY

Dates: 07/09/00 - 07/15/00 Loads: #68 - #81

Range of H_2O Temperature: Surface 29° - 31°c Below Mid-Depth 29° - 31°c

Area(s) Worked: Stations 60+00 - 222+00

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

Comments: Material being dredged consists of Silt and Mud.

Box is cleaned (3X) three times per load to remove Trash (Wood, plastic, metal cable, Rope) and Biota consisting of: Crabs
Clams
Moonshells
Silver Eels
Etc.-Etc.

Screenin in Good condition and all operations remain the same

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
V Truncatus	Many	Many	In Channel area throughout the week.

Observers On Duty: Frye / Carroll

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Columbia

Project Calcasieu River, Cameron La.

DAILY REPORT

Date: 07/16/00 Loads: #82-83

Area(s) Worked: 60+00 → 282+00

Weather Conditions: Clear, WSW 15-8 KTS, 23 chop

Range of H_2O Temperature: Surface 30°c Below Mid-Depth 30°c

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: Same (Silt + Mud)

Trash: Same (Wood, Plastic, Rope, Cable, Cloth)

Biota: Same

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT	Many	Many	All day in and around Channel area

Observer(s) On Duty: Frye / Carroll

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Columbia

Project Calcasieu River

DAILY REPORT

Date: 07 / 17 / 00 Loads: *84 *85

Area(s) Worked: Stations 60+00 - 322+00

Weather Conditions: Pt. Cloudy / SW 10-12 mph / 1'-2' / 97°F

Range of H_2O Temperature: Surface 30°C Below Mid-Depth 30°C

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: Same

Biota: Same

Trash: Same

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T.T.	Many	Many	Same.

Observer(s) On Duty: Frye / Carroll

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Columbia

Project Calcasieu River, Cameron, La.

DAILY REPORT

Date: 07 / 18 / 00 Loads: 86-97

Area(s) Worked: 60+00 - 222+00

Weather Conditions: SW 5 to 10 mph. / Clear / 1'-2' seas

Range of H_2O Temperature: Surface 30°C Below Mid-Depth 30°C

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 : Same

Biota : Same

Trash : Same.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T.T.	Many	Many	Same.

Observer(s) On Duty: Frye / Carroll

ENDANGERD SPECIES OBSERVER PROGRAM

Dredge Columbia

Project Calcasieu River, Cameron La

DAILY REPORT

Date: 07/19/00 Loads: 88-89

Area(s) Worked: Stations $60^{+00} \rightarrow 222^{+00}$

Weather Conditions: Clear, Sunny, SW 5-12 mph 1'-2' seas

Range of H_2O Temperature: Surface 30°C Below Mid-Depth 30°C.

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: Silt & Mud.

Biota: Same

Trash: Same

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
TT	Many	Many	in and around Channel area

Observer(s) On Duty: Frye/Carroll

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Columbia

Project Calcasieu River, Cameron La.

DAILY REPORT

Date: 07/20/00 Loads: 90-91

Area(s) Worked: Station 60+00 → 222+00

Weather Conditions: Clear / W 5-15 mph / 2-3' sea

Range of H_2O Temperature: Surface 30°c Below Mid-Depth 30°c

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: Same

Boats: Same

Trash: Same

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T.T.	Many	Many	in and around channel area

Observer(s) On Duty: Frye / Carroll

ENDANGERD SPECIES [illegible]

Dredge Columbia

Project Calcasieu River, Cameron La

DAILY REPORT

Date: 07/21/00 Loads: 92-93

Area(s) Worked: Stations: 60+00 → 222+00

Weather Conditions: Clear / 2-3 seas / WSW 8-12 mph / 92°F

Range of H_2O Temperature: Surface 30°C Below Mid-Depth 30°C

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: Same

Bister: Same

Trash: Same

9:30 Dredge Shut Down for the rest of Day.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T.T.	Many	Many	in & around channel & dump area

Observer(s) On Duty: Carroll / Piercy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Columbia

Project Calcasieu River, Cameron, La

DAILY REPORT

Date: 07/22/00 Loads: 94-95

Area(s) Worked: 60+00 → 220+00

Weather Conditions: WSW 10-15 mph / Seas 2'-3' / Clear

Range of H_2O Temperature: Surface 30°c Below Mid-Depth 30°c

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: Same

Baste: Same

Trash: Same

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T.T.	Many	Many	Same

Observer(s) On Duty: Carroll / Piercy

ENDA[illegible]GERED SPECIES OBSERVER PRO[illegible]RAM

Dredge Columbia

Project Calcasieu River Project

WEEKLY SUMMARY

Dates: 07/16/00 - 07/22/00 Loads: #82-#95

Range of H_2O Temperature: Surface 30°C/87°F Below Mid-Depth 30°C/87°F

Area(s) Worked: 60+00 ⇒ 222+00

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

Comments:

Material: Remains the same (Silt + Mud)

Biota: No New Samples being taken.

Trash: Some (Rope, Plastic, Cloth, Cable, etc...)

Operations remain the Same.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T. Truncatus	many	Many	all the time in + around Channel + dredge

Observers On Duty: Carroll / Piercy

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Columbia

Project Calcasieu River and Pass

DAILY REPORT

Date: 07/23/00 Loads: 96

Area(s) Worked: stations 66+00 – 230+00

Weather Conditions: partly cloudy

Range of H_2O Temperature: Surface 30°C/87°F Below Mid-Depth 30°F/87

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.):

There were no seal turtles sampled or sighted.

Dredge is continuing agitation as before.

Material, biota and debris composition is the same as before.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops truncatus	1	3	just of starboard bow of dredge

Observer(s) On Duty: Chris Carroll, Meghan Reicy

ENDANGERED SPECIES OBSERVER'S RECORD

Dredge Columbia

Project Calcasieu River and Pass

DAILY REPORT

Date: 07/24/00 Loads: 96 CONT.

Area(s) Worked: Stations: 66+00 - 230+00

Weather Conditions: Clear, Calm, W 3-6 mph.

Range of H_2O Temperature: Surface 30°C/87°F Below Mid-Depth 30°C/87°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.):

Operations remain the same, get bump shell down

Material: Same

Biota: Same

Trash: Same

Box was checked 6x for Biota and.

Cleaned at 1900 HRS. - No Biota at this time

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T.T.	Many	Many	in and around Channel area.

Observer(s) On Duty: Meghan Piercy / Chris Carroll

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Columbia

Project Calcasieu River and Pass

DAILY REPORT

Date: 07/26/00 Loads: 96

Area(s) Worked: Stations:

Weather Conditions: partly cloudy, seas=1-2', north wind @ ≈10 knots

Range of H_2O Temperature: Surface 30°C/87°F Below Mid-Depth 30°C/87°F

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Columbia

Project Calcasieu River and Pass.

DAILY REPORT

Date: 07/25/00 Loads: 96 cont.

Area(s) Worked: 390+00 ⟹ 470+00 Relocated 0600 HRS.

Weather Conditions: Clear / E 7-10 mph. / 1-2' seas

Range of H_2O Temperature: Surface 30°C/87°F Below Mid-Depth 30°C/87°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: remains the same (mud + silt)

Biota: same

Trash Same.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Manta Ray	6	1	Leaping + slapping surface in Chann

Observer(s) On Duty: Meagan Piercy / Chris Carroll.

ENDANGERED SPECIES OBSERVER PROGRAM

Dredge Columbia

Project Calcasieu River & Pass.

"FINAL"

* CONTRACT COMPLETED

WEEKLY SUMMARY

Dates: 07/23/00 - 07/27/00 Loads: 96

Range of H_2O Temperature: Surface 87°F/30°C Below Mid-Depth 87°F/30°C

Area(s) Worked: 66^{+00}/230^{+00} — 390^{+00}/470^{+00}

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

Comments: Material: Remains the same (Mud & Silt

Biota: Same (Sargassum, whelk, Spider crabs, etc etc)

Trash: Same

Stopped digging at 0736 HRS on 7/27/00 on same load #96. Tests were started on 7/23/00 due to jet pump problems. No new Biota was taken. Very little was taken in box during 24 HR period. Dredge dumped at 08:31 HRS and headed in to dock.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
T T	Many	Many	in & around channel & Dump area
Manta Ray	1	1	jumping in channel area

Observers On Duty: Carroll / Piercy.