

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge CFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 04 / 14 / 95 Loads: NA

Area(s) Worked: At Dock

Weather Conditions: NA

Range of H₂O Temperature: Surface NA Below Mid-Depth NA

Condition of all screening apparatus: NA

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

Comments (type of material being dredged, biological specimens, etc.): Both observers
aboard by 1130. Dredge left dock at 2400 for the project area.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>NA</u>	<u> </u>	<u> </u>	<u> </u>
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Observer(s) On Duty: Eric Westerman, Doug Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
 Dredge 1CFARLAND - Mississippi River Gulf Outlet
 USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 04 / 15 / 95 Loads: 558-601
 Area(s) Worked: Stations 3800+00-3850+00
 Weather Conditions: Partly cloudy, Winds light airs to 10 knots, Seas 1-2
 Range of H₂O Temperature: Surface 71-74 Below Mid-Depth 71-73
 Condition of all screening apparatus: See report

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.): Predredging
screen inspection reveals a void in the screening. There
are four screened openings in each of the inflow pipes.
These openings are approximately 25" X 15" straight length
measurement openings. These openings are screened with
welded bars and approximately 4" x 4" openings. These screened
openings allows material to be loaded in the fore and mid
area of the hopper. This screening forces samples to be
pushed to the port and starboard discharge boxes where
observers can inspect for turtle remains. The port and
starboard fore openings in the pipe have no screening
bars left at all. Three of the remaining six openings are
missing bars. This was reported to the captain immediately
upon detection. The captain said a welder would be setup
to make repairs at the next lay period. The port discharge
door is also bowing out. This can be repaired by the
observers by wiring and filling in gaps. Continued next page

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>3</u>	<u>13</u>	<u>Bottlenose dolphins</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observer(s) On Duty: Eric Westerman, Doug Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge, ICFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 04 / 16 / 95 Loads: 602-626

Area(s) Worked: Stations 3800+00 to 3825+00

Weather Conditions: partly cloudy, SE winds 7-10 kts, seas 1-3'

Range of H₂O Temperature: Surface 70-72 +6°F Below Mid-Depth 68-71 100'

Condition of all screening apparatus: same as yesterday, cages good

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

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

Material continues to be light sand and clay, not much in cages.
Biological materials include pen shells, wood chunks, whelks,
blue crabs, left-eyed flounder, stingray. Also collected plastic
and metal debris.

Adjust temperature upward +6°F
See note Weekly Summary 04-23-95 - 05-10-95

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops	4	9	probably same 5-10 animals in dredge area

Eric Westerman, Doug Kinzey

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge 4CFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 04 / 17 / 95 Loads: 627-652
Area(s) Worked: Stations 3800+00-3825+00
Weather Conditions: Partly cloudy, Winds SE 5-20 knots, Seas 1-4
Range of H₂O Temperature: Surface 70-77 +6°F Below Mid-Depth 71-75 - 20'
Condition of all screening apparatus: Cage ok, pipe screening the same.

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.): Samples small
in quantity, mainly consisting of wood, trash, clay, pen shell,
whelks and rays.
Material digging consist of mud, silt and clay.

Adjust temperature +6°F

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>No sightings</u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observer(s) On Duty: Eric Westerman, Doug Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge ICFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 04 / 18 / 95 Loads: 653-676

Area(s) Worked: Stations 3800+00 to 3825+00

Weather Conditions: clear to partly cloudy, SE winds 5-20 kts, seas 1-4'

Range of H₂O Temperature: Surface 67-72 +6°F Below Mid-Depth 65-72 +6°F

Condition of all screening apparatus: cages good, inflow pipe bottom screening as before

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.): Light collection of material in boxes, generally a few pen shells and 5-10 clayballs.
Also retained wood, spider crabs, plastic debris, metal pieces, sharks, southern flounder, blue crab, stingray, lesser electric ray.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops</u>	<u>2</u>	<u>2</u>	

Eric Westerman, Doug Kinzey

Observer(s) On Duty: _____

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge 1CFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 04 / 19 / 95 Loads: 677-705

Area(s) Worked: Stations 3800+00-3825+00

Weather Conditions: Partly cloudy, Winds SE 5-20 knots, Seas 3-4

Range of H₂O Temperature: Surface 67-68 +6°F Below Mid-Depth 64-68

Condition of all screening apparatus: Cages fine, pipe screening the same

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

Comments (type of material being dredged, biological specimens, etc.): Due to the sea state dragarms were left in the water for some loads today.

Observers were not able to check the dragheads on all loads.

Quartermaster was concerned that bringing the drags out of the water in the high seas could make a opportunity to damage equipment.

Samples were very light in quantity today, mainly consisting of wood, clay, spider crabs, blue crab, sharpnose-shark.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	1	2	Bottlenose dolphins

Observer(s) On Duty: Eric Westerman, Doug Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge 1 CFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 04 / 20 / 95 Loads: 706-724

Area(s) Worked: Stations 3800+00 to 3825+00

Weather Conditions: winds shifting SE to S 15-22 kts, seas 3-5', variable clouds

Range of H₂O Temperature: Surface 67-70 +6°F Below Mid-Depth 65-68 65°F

Condition of all screening apparatus: cages good, inflow channel bottoms as before

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

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

Loads in boxes are very light. Some wood pieces, clayballs, pen shells. Boxes are often empty.

Dredge anchored from 16:45 to about 20:00 to replace bolts on starboard dragarm.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops	1	1	Rough conditions reduced visibility

Observer(s) On Duty: Eric Westerman, Doug Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge 1CFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 04 / 21 / 95 Loads: 725-749

Area(s) Worked: Stations 3800+00-3825+00

Weather Conditions: Cloudy, Winds southerly 10-22 knots, Seas 3-5

Range of H₂O Temperature: Surface 66-68 + 6° F Below Mid-Depth 65-67 + 6° F

Condition of all screening apparatus: Cages fine, pipe screening the same.

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

Comments (type of material being dredged, biological specimens, etc.): The majority of the loads had no samples at all. The small amount of debris sampled included wood, clay, trash, catfish, pen shell and a spider crab.

Material digging is silt and mud with small amounts of clay mixed in.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tt	3	5	Bottlenose dolphins

Observer(s) On Duty: Eric Westerman, Doug Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge 1CFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 04 / 22 / 95 Loads: 750-774

Area(s) Worked: Stations 3800+00 to 3825+00

Weather Conditions: clear to overcast and hazy, SE to SSE winds 10-25 kts

Range of H₂O Temperature: Surface 67-69 +6°F Below Mid-Depth 66-67 +6°F

Condition of all screening apparatus: cages good, inflow channel bottoms as before

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.):
Material collected in boxes continues to be light, mainly occasional
chunks of wood and clayballs. Also collected pen shells, sea whip,
and piece of fishing net.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops</u>	<u>1</u>	<u>9</u>	<u>Between # 5 and 6 buoys</u>

Observer(s) On Duty: Eric Westerman, Doug Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredger 1CFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 04 / 23 / 95 Loads: 775-798
Area(s) Worked: Stations 3800+00-3825+00
Weather Conditions: Cloudy, rain, Winds variable 10-30 knots, Seas 3-6
Range of H₂O Temperature: Surface 67-69 + 6°F Below Mid-Depth 66-67 (0'f)
Condition of all screening apparatus: Cages fine, inflow screening the same.

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.): Samples remain
the same and minimal in quantity. Material digging
still mainly silt, mud and some clay.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>1</u>	<u>4</u>	<u>Bottlenose dolphins</u>
<u></u>	<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>	<u></u>
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Observer(s) On Duty: Eric Westerman, Doug Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge: FARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 04 / 24 / 95 Loads: 799-826

Area(s) Worked: Stations 3800+00 to 3825+00

Weather Conditions: rain to clearing, N to NNW winds 15-25 kts, seas 3-6'

Range of H₂O Temperature: Surface 67-68 ~~60~~°F Below Mid-Depth 66-67 + 60°

Condition of all screening apparatus: cages good, channel inflow pipes as before

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

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

Loads in boxes continue to be light with occasional wood
chunks and clayballs. Also collected blue crab, spider crab,
tonguefish, and lesser electric rays

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
Tursiops	1	12	near buoy #5

Observer(s) On Duty: Eric Westerman, Doug Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge 1CFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 04 / 25 / 95 Loads: 827-852
Area(s) Worked: Stations 3800+00-3825+00
Weather Conditions: Partly cloudy, Winds NE 15-25 knots, Seas 4-6
Range of H₂O Temperature: Surface 66-67 + 6° F Below Mid-Depth 64-66 - 6° F
Condition of all screening apparatus: Cages fine, pipe screening the same.

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

Comments (type of material being dredged, biological specimens, etc.): Load 852
dumped at 2255. Dredge heads into port for a couple of
lay days.
Samples today mainly consisted of southern stingrays.
High seas prevented dragheads to be checked on every load.
Material digging consisted of silt, mud and clay.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>1</u>	<u>2</u>	<u>Bottlenose dolphins</u>

Observer(s) On Duty: Eric Westerman, Doug Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
 Dredge ~~MA~~ FARLAND - Mississippi River Gulf Outlet
 USACE, New Orleans District (DACW29-95-M-0730)

WEEKLY SUMMARY

Dates: 04 / 14 / 95 - 04 / 25 / 95 Loads: 558-852
 Range of H₂O Temperature: Surface 66-77 Below Mid-Depth 64-75
 Area(s) Worked: Stations 3800+00-3825+00

Are there incidents involving endangered or protected species? Yes No

Comments: No turtles were sighted or sampled this week. Samples
all week were small in quantity. In some loads small amounts
of clay and wood debris would be build up. Biological samples
included southern stingrays, blue crabs, flounder, whelks,
pen shell, lesser electric ray, sharks, spider crabs, catfish,
sea whips and sea stars.

Predredging screen inspection revealed a void in
some of the screening. The port discharge door was bowing
out. This was repaired by the observers. Most all of the
inflow pipe screening is damaged. Two of the eight openings
had no screening at all left on it, and most of the rest
of the screened openings had one, two or three bars missing.
This was reported to the captain immediately. These screens
can only be repaired by welding new bars back on. Captain
said he would make arrangements for a welder to make the
necessary repairs this lay period.

The material in the cut area consisted of silt,
mud and clay. Observers will obtain a new water thermometer this
lay period to calibrate with the old thermometer used. Water
temperature range seemed to vary to much. A total of 59 dolphins
were sighted this week.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tt</u>	<u>18</u>	<u>59</u>	<u>Bottlenose dolphins</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observers On Duty: Eric Westerman, Doug Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge TACFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 04 / 28 / 95 Loads: none

Area(s) Worked: NA

Weather Conditions: NA

Range of H₂O Temperature: Surface NA Below Mid-Depth NA

Condition of all screening apparatus: Inflow cages good, inflow channel bottom openings are missing some screening as described in 04/14/95-04/25/95 weekly report.

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

Comments (type of material being dredged, biological specimens, etc.):
Observers on dredge by 10:30, left dock about 15:30.

Discussed lack of inflow channel bottom screening with Captain at dock. A contract is being issued to repair/replace these screens.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
	none		

Observer(s) On Duty: Doug Kinzey, Phil Tonne

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge 'ACFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 04 / 29 / 95 Loads: 853-876
Area(s) Worked: Stations 3800+00 to 3825+00
Weather Conditions: clear, calm to 15 kt NE winds, seas 0-3'
Range of H₂O Temperature: Surface 71-72 Below Mid-Depth 72
Condition of all screening apparatus: cages good, inflow channel bottoms as before.

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

Comments (type of material being dredged, biological specimens, etc.):
Material is sand and clay with minimal amounts retained in cages.
Wood debris, lesser electric rays, crabs, hardhead catfish,
southern flounder also collected.
Calibrated the old water thermometer used last tour with a
new thermometer. The old thermometer readings were 6-7 degrees
too low. Our reported water temperatures from 04/14/95 to
04/25/95 should be adjusted upward by this amount. Subsequent
temperatures will be correct.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
none			

Observer(s) On Duty: Doug Kinzey, Phil Tonne

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge ACFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 04 / 30 / 95 Loads: 877-901
Area(s) Worked: Stations 3800+00 - 3825+00.
Weather Conditions: clear to partly cloudy, winds generally calm, gusts to 6 kts
seas calm - 1'
Range of H₂O Temperature: Surface 71 Below Mid-Depth 72
Condition of all screening apparatus: cages good, inflow channel bottoms as before.

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.): Material is sand and
clay with very little build-up in the inflow boxes. Wood, trash,
lesser electric rays, nurse crabs, sea robbers, and blue crabs
also collected.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>27</u>	<u>11</u>	<u>playing in the bow wake</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Doug Kinzey, Phil Tonne

END/ GERED SPECIES OBSERVER PI GRAM
Dredge ACFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 05 / 01 / 95 Loads: 902-928

Area(s) Worked: Stations 3800+00 to 3825+00

Weather Conditions: clear to overcast, S to SW winds 5-15 kts, seas 1-2'

Range of H₂O Temperature: Surface 73 Below Mid-Depth 72

Condition of all screening apparatus: cages good, inflow channels as before

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

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

Light loads in boxes of primarily mud and sand, not much clay.
Biological collections included southern stingrays, cownose ray, and
shovel-nosed ray. Also collected wood debris.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops</u>	<u>1</u>	<u>4</u>	<u>near starboard bow</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Doug Kinzey, Phil Tonne

END GERED SPECIES OBSERVER PI GRAM
Dredge ACFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 5 / 2 / 95 Loads: 929-956
Area(s) Worked: stations 3800+00 - 3825+00
Weather Conditions: overcast, winds shifting from NE to SW @ 15-20 kts., seas 0-
Range of H₂O Temperature: Surface 71-73 Below Mid-Depth 70-72
Condition of all screening apparatus: cages good, inflow channels as before

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

Comments (type of material being dredged, biological specimens, etc.): Little build-up in
cages, some sand, clay and woody debris. A southern stingray, a lesser
electric ray and a few welks (Busycons) were sampled. Overall the cages
tended to be clean and free of specimens. The loads are clean but numerou

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops</u>	<u>11</u>	<u>5</u>	<u>playing in the bow wake</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Doug Kinzey, Phil Tonne

ENDANGERED SPECIES OBSERVER PROGRAM
 Dredge **ACFARLAND** - Mississippi River Gulf Outlet
 USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 05 / 03 / 95 Loads: 957-974
 Area(s) Worked: Stations 3800+00 to 3825+00
 Weather Conditions: overcast to hazy, winds SE to NE 10-20 kts, seas calm to 4'
 Range of H₂O Temperature: Surface 72-73 Below Mid-Depth 71-72
 Condition of all screening apparatus: cages good, inflow channels as before

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.):
Light loads in cages. Woody debris, clay, and pen shells. Also
collected southern stingray and cownose ray.

Not dredging from about 11:55 to 17:50 while scuba divers checked
hopper door problem on bottom of vessel. We have been loosing part
of the load on the way to dumpsite.

The port cage door is bowed outward, creating gaps. Observers
have repaired it temporarily by plugging gaps with wire and woody
debris (see 4/15/95 daily report). This works well so long as the
door does not need to be opened, but options for a more permanent
solution include: 1)welding additional bars in the gaps, particularly
along the outboard and bottom sides of the door; or 2) straightening
the door. This second option might require removing the door to
work on it. The door could also be completely replaced but this
might be more expensive and no more effective than the first two
options.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops</u>	<u>1</u>	<u>3</u>	<u>in channel</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observer(s) On Duty: Doug Kinzey, Phil Tonne

END/ GERED SPECIES OBSERVER PI GRAM
Dredge 4CFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 5 / 4 / 95 Loads: 975-1000

Area(s) Worked: stations 3800+00 - 3825+00.

Weather Conditions: foggy to overcast, winds SE @ 5-10 kts., seas 2-3'

Range of H₂O Temperature: Surface 72-74 Below Mid-Depth 71-73

Condition of all screening apparatus: cages good, inflow channels as before

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

Comments (type of material being dredged, biological specimens, etc.): Light, clean loads collected in boxes. Material trapped in cages consists of

wood, mud, and few biological specimens.

Biological specimens: spider crabs, lesser electric rays, catfish, a large unidentified fish, stingrays

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>none</u>			

Observer(s) On Duty: Tonne/ kh Kinzay

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge ACFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 05 / 05 / 95 Loads: 1001 - 1020

Area(s) Worked: Stations 3800+00 to 3825+00

Weather Conditions: variable clouds and fog, calm to 15 kt S winds, seas 0-1'

Range of H₂O Temperature: Surface 73-76 Below Mid-Depth 73-75

Condition of all screening apparatus: cages good, inflow channels as before

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

Comments (type of material being dredged, biological specimens, etc.):
Light loads collected in boxes. Collected stingrays, wood debris,
spider crab, blue crab, mud, clay, rope, and leather shoe.
Dense fog from 0130 to 0900 prevented dredging during
these hours. Ship anchored outside of channel.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops</u>	<u>1</u>	<u>15</u>	<u>in channel</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

Observer(s) On Duty: Doug Kinzey, Phil Tonne

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge FACFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 5 / 6 / 95 Loads: 1021 - 1045
Area(s) Worked: stations 3800+00 - 3825+00.
Weather Conditions: cloudy, winds 0-5 kts., primarily out of the NE, seas 1-4'
Range of H₂O Temperature: Surface 74-75 Below Mid-Depth 74-74
Condition of all screening apparatus: cages good, inflow channels as before

Are there incidents involving endangered or protected species? Yes No

Comments (type of material being dredged, biological specimens, etc.):
Very little material accumulated in inflow boxes from the relatively
light loads. Biological specimens: tonguefish, southern flounder,
blue crabs, cownose ray, southern moon shells
Wood and mud were the primary materials that would accumula
in the boxes, and there was never much of either.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>No sightings on this sixth day of May.</u>			

Observer(s) On Duty: KINZEY, tonne

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge 4CFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 05 / 07 / 95 Loads: 1046 - 1070

Area(s) Worked: Stations 3800+00 to 3825+00

Weather Conditions: partly cloudy, SE winds 0-20 kts, seas 1-4'

Range of H₂O Temperature: Surface 75-76 Below Mid-Depth 75

Condition of all screening apparatus: cages good, inflow channels as before

Are there incidents involving endangered or protected species? Yes No

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

Light loads in boxes. Wood and metal debris, clay, and mud.

Also collected pen shells, southern stingrays, lesser electric rays, Atlantic stingrays, spider crab, blue crab, rope, and section of fishing net.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops</u>	<u>2</u>	<u>18</u>	<u>Same group of dolphins totaling about 10 individuals</u>
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Observer(s) On Duty: Doug Kinzey, Phil Tonne

ENDANGERED SPECIES OBSERVER PROGRAM
Dredging FACFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 5 / 8 / 95 Loads: 1071 - 1092
Area(s) Worked: stations 3800+00 - 3825+00.
Weather Conditions: cloudy, winds SE @ 10 - 20 knots, seas 2-4'
Range of H₂O Temperature: Surface 76 Below Mid-Depth 75
Condition of all screening apparatus: cages good, inflow channels as before

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

Comments (type of material being dredged, biological specimens, etc.): Very little material
accumulated in inflow screening. The material being dredged is
primarily sand. Little biological material was sampled; only one
gravid blue crab and one tonguefish.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>T. truncatus</u>	<u>1</u>	<u>3</u>	<u>swimming in channel</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
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Observer(s) On Duty: Kinzey, Tonne

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge: ACFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 5 / 9 / 95 Loads: 1093 - 1107

Area(s) Worked: stations 3800+00 - 3825+00

Weather Conditions: cloudy, winds SE @ 10 knots, seas 2-5'

Range of H₂O Temperature: Surface 76 Below Mid-Depth 75

Condition of all screening apparatus: cages good, inflow channels as before

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

Comments (type of material being dredged, biological specimens, etc.): Dredging in sandy material. Little biological material was sampled in the inflow screening: one lesser electric ray.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings			

Observer(s) On Duty: Tonne/Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge 'ACFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

DAILY REPORT

Date: 5 / 10 / 95 Loads: 1108 - 1122

Area(s) Worked: stations 3800+00 - 3825+00.

Weather Conditions: thundershowers, winds SW @ 10-20 knots, seas 3-4 feet.

Range of H₂O Temperature: Surface 75 Below Mid-Depth 74-75

Condition of all screening apparatus: cages good, inflow channels as before

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

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

Very little biological material was sampled: two blue crabs
and one southern stingray.

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
No sightings	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Observer(s) On Duty: Tonne/Kinzey

ENDANGERED SPECIES OBSERVER PROGRAM
Dredge (CFARLAND - Mississippi River Gulf Outlet
USACE, New Orleans District (DACW29-95-M-0730)

WEEKLY SUMMARY

Dates: 04 / 28 / 95 - 05 / 10 / 95 Loads: 853-1122
 Range of H₂O Temperature: Surface 71-76 Below Mid-Depth 70-75
 Area(s) Worked: Stations 3800+00 to 3825+00

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

Comments: No turtles were taken or sighted. Boxes retained light
loads of sand, clay and wood debris. Fauna included lesser electric
rays, Southern stingrays, cownose stingrays, Atlantic stingrays,
blue crabs, spider crabs, pen shells, southern moon shells,
Southern flounder, tonguefish, sea robins, and hardhead catfish.
Calibration of our old water thermometer with a new one
indicates our reported water temperatures from 04/14/95 to 04/25/95
were 6 degrees farenheight too low, and should be adjusted upward by
this amount.
Inflow channel bottom screening continues to be in need
of repair/replacement (see Weekly Summary 04/14/95-04/25/95;
Daily Report 04/15/95).
Observers have made temporary repairs to port side cage door,
which is bowed outward. These repairs will work so long as the
door does not have to be opened, but a more permanent solution
would be to repair or replace the door, or weld permanent bars
across the gaps on the outboard and bottom edges of the door so
the gaps are filled and the door can still be opened (see 5/3/95
Daily Report).

Bridge Watch Summary

Species	# of Sightings	# of Animals	Comments
<u>Tursiops truncatus</u>	<u>44</u>	<u>59</u>	<u>swimming in channel, frequently</u> <u>playing in the bow wake</u>
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Observers On Duty: Doug Kinzey, Phil Tonne