Endangered Species Observer Program

Dredge: M/V. STUYVESANT

Project: Mobile Bay Shipping Channel

Location: Mobile AL

Date 8/2/03 Load # 1 Start 1520 End 1545 Dump 2015-2020

Weather PARTLY CLOUDY, SOUTHERLY WIND 5KT, SEA 1-2, 80°F's. .9FT TIDE

Date _____ Load # _____ Start _____ End _____ Dump _____

Weather _____

Date _____ Load # _____ Start _____ End _____ Dump _____

Weather _____

H2O Temp. Surface 83°F Time 1000 Below Mid Depth _____ Time _____

Port Draghead Ø Deflector _____

Star. Draghead old crab pot netting, rope, chain, WOOD Deflector NOT REQUIRED

Mid Loader:	Aft Loader:
Load# 1	WOOD!
~~Load#~~ not using	plastics (wrap & hard plastic)
~~Load#~~	

Overflow Main NO OVERFLOW Overflow Port _____ Overflow Star. _____

Are there incidents involving endangered or protected species? Yes No

~~Comments~~ (endangered species obs, dredged material, biological obs, etc.)

STATIONS 165 - 230 Only aft box being used; no overflowing on job; shells + rocks in box are left over from Pensacola job; may need to clean boxes more on this job due to wood + plastic debris. (did not clean this load)
EXTREMELY MUDDY!!

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
No sightings	(except TONS of birds :)	

Observers on duty JENNIFER GATZKE

Endangered Species Observer Program

Dredge: STUYVESANT

Project: Shipping Channel

Location: Mobile AL

Date 8/03/03 Load # 2 Start 0053 End 0119 Dump 0556-0604

Weather PARTLY CLOUDY, WSW WIND 5 kt, sea 0-1, 90°F ?

Date 8/03/03 Load # 3 Start 1010 End 1046 Dump 1528-1537

Weather CLOUDY w/ THUNDERSTORM, mostly VARIABLE, CALM SEA → 1',

~~Date 8/03/03 Load # 4 Start 1930 End 2006 Dump 0047-0053 .58'~~

Weather ~~P. CLOUDY~~, on 8/04

H2O Temp. Surface 83°F Time 1000 Below Mid Depth _____ Time _____

Port Draghead LOAD 2 Ø | at dig site ~~3~~ crab pots | Deflector

Star. Draghead Ø | WOOD LOAD 3 | ~~Deflector~~ NOT REQUIRED

Mid Loader:

Load# 2

Load# 3

~~Load# 4~~

Aft Loader:

WOOD, plant material (marsh grasses)

CLAY, WOOD, plastic, foam pieces

Overflow Main NO OVERFLOW Overflow Port _____ Overflow Star. _____

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

After inspecting load 2, asked captain for some repairs to rebar on floor of aft discharge box. Will be repaired ~~next dump run~~ before next load dug.

DIGGING CLAY! along w/ mud OH NO!
may need to open doors to boxes after a few more loads.

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
tt	1	0805. between buoys 41 + 45 (mid channel)

Observers on duty T. GATLE

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile Bay Shipping Channel

Location: Mobile AL

Date 08/04/03 Load # 4 Start 1930 8/03 End 2006 8/03 Dump 0047-0053

Weather PARTLY CLOUDY, LIGHT VARIABLE, SEA CALM TIDE .58'

Date 8/4/03 Load # 5 Start 0430 End 0515 Dump 0937-0945

Weather MOSTLY CLEAR, S'LY WIND 5-10 kt, Sea .5-1'

Date 8/4/03 Load # 6 Start 1402 End 1425 Dump 1903-1909

Weather PARTLY CLOUDY w/ some rain, SLY WIND 5-10 kt, Sea .5-1'

H2O Temp. Surface 85°F Time 1420 Below Mid Depth _____ Time _____

Port Draghead Ø / Ø / 3 crab pots Deflector _____

Star. Draghead Ø / Ø / Ø Deflector _____

Mid Loader:	Aft Loader:
Load# 4	clay, wood, plastic
Load# 5	little more of same
Load# 6	WOOD (some big pieces) clay, plastic

* cleaned port side of bage very well. (still some shells wedged in there)

Overflow Main NO OVERFLOW Overflow Port _____ Overflow Star. _____

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

Comments (endangered species obs, dredged material, biological obs, etc.)

BOX GETTING MORE FUL OF DEBRIS. WILL PROBABLY OPEN TO CLEAN LATER TODAY

* MORE REPAIRS TO REBAR ON DISCHARGE BOX.
blue crab found on catwalk. (load 5)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
ft	1	morning (~1030) 400' S of buoys 29+30 - green side of mid. CH.
ft	3	mid bay - center CH 600' S of mid Bay lighthouse. 1220

Observers on duty GATTLE

Endangered Species Observer Program

Dredge: M/V. STUYVESANT

Project: Mobile Bay Shipping Channel

Location: Mobile AL

30 09.0 88 07.1

Date 08/5/03 Load # 7 Start 2311 End 2341 Dump 0409-0416

Weather P. CLOUDY, LIGHT VARIABLE, CALM

Date 8/5/03 Load # 8 Start 0803 End 0854 Dump 1300 - 1315

Weather P. CLOUDY, WNW WIND 5 kt, sea Calm.

Date 8/5/03 Load # 9 Start ____ End ____ Dump ____

Weather P. CLOUDY WIND, 5K, CALM, EXC - MED CONDITIONS

H2O Temp. Surface 83°F Time ____ Below Mid Depth ____ Time ____

Port Draghead ✓ Deflector ✓

Star. Draghead ✓ Deflector ✓

Mid Loader:	Aft Loader:
Load# 7	WOOD! CLAY
Load#8	WOOD, CLAY,
Load#9	"

Overflow Main / Overflow Port / Overflow Star. /

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Lt	ALL DAY!	

Observers on duty Gatske

Endangered Species Observer Program 170+00 – 230+00

Dredge: M/V. STUYVESANT

Project: Mobile Bay Shipping Channel 30°37.997 N

Location: Mobile AL 88°01.913 W

Date 8/8/03 Load # 10 Start 2305 End 2335 Dump 0339

Weather SUNNY, EXCELLENT VISIBILITY, EXC. CONDITIONS, 10-15K WIND

Date 8/8/03 Load # 11 Start 0656 End 0728 Dump 1123

Weather SUNNY CONDS EXC. VIS. FLAT CALM SEAS, 10-15K NW

Date 8/8/03 Load # 12 Start 1510 End 1540 Dump 1925

Weather SUNNY EXC. CONDS FLAT CALM WATER.

H_2O Temp. Surface 83°F Time _____ Below Mid Depth _____ Time _____

Port Draghead cl Deflector /

Star. Draghead cl Deflector /

Mid Loader:	Aft Loader:
Load# 10 /	WOOD, BOTTLES, PLASTIC,
Load# 11 /	WOOD, FULL OF DEBRIS
Load# 12 /	WOOD "

Overflow Main _____ Overflow Port _____ Overflow Star. _____

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	ALL DAY	IN CHANNEL

Observers on duty M. NIEDZALSKI

170'00 - 230'00
N 30 38.3184
W 88 01.9524

Endangered Species Observer Program

Dredge: M/V STUYVESANT
Project: Mobile Bay Shipping Channel
Location: Mobile AL

Date 8/9/03 Load # 13 Start 2254 End 2326 Dump 0333
Weather CALM, 10-15SE, LIGHT FOG, CALM SEAS.
Date 8/9/03 Load # 14 Start [redacted]0650 End 0725 Dump 1116
Weather SUNNY, EXC. CONDTS, HAZEY, 5-10K.
Date 8/9/03 Load # 15 Start 1452 End 1520 Dump 1930
Weather SUNNY, EXC. CONDTS, HAZEY, CLOUDY, 5-10K.
H2O Temp. Surface 83°F Time _____ Below Mid Depth _____ Time _____
Port Draghead ✓ Deflector / NO DEFLECTOR
Star. Draghead ✓ Deflector / IS ON!

Mid Loader:
Load# 13 _____ / WOOD, MUD, PLASTIC,
Load# 14 _____ / "
Load# 15 _____ / WOOD "

Aft Loader: ONLY AFT BOX USED

Overflow Main ✓ Overflow Port ✓ Overflow Star. _____

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TT	ALL DAY.	

Observers on duty [illegible]

Endangered Species Observer Program

Dredge: M/V. STUYVESANT

Project: Mobile Bay Shipping Channel

Location: Mobile AL

Date 8/9/03 Load # 16 Start 2300 End 2330 Dump 0309

Weather CALM, FLAT, 0-5K, LIGHT FOG

Date 8/10/03 Load # 17 Start 0630 End 0710 Dump 1115

Weather CALM, 1-2' SEAS SUNNY, EXC. CONDITS,

Date 8/10/03 Load # 18 Start 1445 End 1515 Dump 1851

Weather SUNNY, EXC. CONDTS, CALM

H2O Temp. Surface 83F Time _____ Below Mid Depth _____ Time _____

Port Draghead _____ Deflector N/A

Star. Draghead _____ Deflector _____

Mid Loader:

Load# NOT USING

Load#

Load#

Aft Loader:

WOOD, MUD, PLASTIC CLAY

5 SEA ROBIN / 1 MANGALED FISH

30 OYSTER SHELL

Overflow Main ✓ Overflow Port ✓ Overflow Star ✓

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TT		

Observers on duty M. NIEDBALSKE

Endangered Species Observer Program

Dredge: M/V. STUYVESANT

Project: Mobile Bay Shipping Channel

Location: Mobile AL

Date 8/10/03 Load # 19 Start 2230 End 2255 Dump 0315

Weather CALM, FULL MOON, FLAT WATER.

Date 8/11/03 Load # 20 Start 0640 End 0720 Dump

Weather CALM, FLAT WATER, SUNNY, EXC. CONDTS. EXC. VIS.

Date 8/11/03 Load # 21 Start 1441 End 1509 Dump 1845

Weather SUNNY, EXC. VIS EXC. CONDTS, 0-5K SF

H2O Temp. Surface 83.5F Time Below Mid Depth Time

Port Draghead ✓ Deflector

Star. Draghead ✓ Deflector

Mid Loader: Aft Loader:

Load# MUD, CLAY, PLASTIC DEBRIS

Load# "

Load# (5) SEA ROBINS ON CATWALK

Overflow Main Overflow Port Overflow Star.

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty M. NIEDBALSKI

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile Bay Shipping Channel

Location: Mobile AL

Date 8/12/03 Load # 22 Start _____ End _____ Dump 0254

Weather CALM, FLAT

Date 8/12/03 Load # 23 Start 0614 End 0646 Dump 1042

Weather RAIN, HAZE, CLOUDY

Date 8/12/03 Load # 24 Start 1413 End 1445 Dump 1816

Weather RAIN, CLOUDY.

H2O Temp. Surface 83.5F Time _____ Below Mid Depth _____ Time _____

Port Draghead _____ Deflector _____

Star. Draghead _____ Deflector _____

Mid Loader:

Load# _____

Load# _____

Load# _____

Aft Loader:

MUD, CLAY, DEBRIS

"

"

Overflow Main ✓ Overflow Port ✓ Overflow Star ✓

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	ALL DAY	
Caretta Caretta	1 DEAD FLOATING ADRIFT @ 1905N	30°11.2642, W88°02.6891

Observers on duty M. NIEDBALSKI

Endangered Species Observer Program

Dredge: M/V. STUYVESANT

Project: Mobile Bay Shipping Channel

Location: Mobile AL

Date 8/13/03 Load # 25 Start 2200 End / Dump 0231

Weather RAIN, CLOUDY, SCATTERED T-STORMS, FULL MOON.

Date 8/13/03 Load # 26 Start 0607 End 0639 Dump 1024

Weather RAIN, DRIZZLE,

Date 8/13/03 Load # 27 Start 1341 End 1406 Dump 1247

Weather DRIZZLE

H2O Temp. Surface 83°F Time _____ Below Mid Depth _____ Time _____

Port Draghead / Deflector /

Star. Draghead / Deflector

Mid Loader: NOT USING

Load# 25

Load# 26

Load# 27

Aft Loader:

MUD, CLAY, WOOD DEBRIS

" "

"

Overflow Main _____ Overflow Port _____ Overflow Star. _____

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty M. Niedbalski

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile Bay Shipping Channel

Location: Mobile AL

Date 8/14/03 Load # 28 Start 2123 End 2153 Dump 0136

Weather PT CLOUDY, CLEAR, NO HAZE

Date 8/14/03 Load # 29 Start 0514 End 0548 Dump 0951

Weather SUNNY, PT CLOUDY 5-10KSE.

Date 8/14/03 Load # 30 Start 1300 End 1355 Dump 1712

Weather ~~PT~~ Sunny EXC. CONDTS EXC. VIS.

H_2O Temp. Surface 83.5°F Time _____ Below Mid Depth _____ Time _____

Port Draghead _____ Deflector / NOT USE

Star. Draghead _____ Deflector / USE

Mid Loader: DONT USE

Load# 28 _____

Load# 29 _____

Load# 30 _____

Aft Loader:

WOOD, CLAY, PLASTIC.

" (2) ESC

"

Overflow Main _____ Overflow Port _____ Overflow Star. _____

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty M. Niedbalski

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile Bay Shipping Channel

Location: Mobile AL

* Date 8/14/03 Load # 31 Start 1932 End 2000 Dump

Weather CALM, PT CLOUDY

Date 8/15/03 Load # 32 Start 0205 End 0558 Dump 0602

Weather SUNNY, EXC. CONDTS EXC. VIS ROUGH SEAS 5-7ft.

Date 8/15/03 Load # 33 Start 0944 End 1014 Dump 0215

Weather SUNNY EXC " " " ROUGH SEAS 5-7'

H2O Temp. Surface _____ Time _____ Below Mid Depth _____ Time _____

Port Draghead _____ Deflector _____

Star. Draghead _____ Deflector _____

Mid Loader:	Aft Loader:
Load# 31	WOOD, CLAY, PLASTIC ROPE
Load# 32	"
Load# 33	"

Overflow Main _____ Overflow Port _____ Overflow Star. _____

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

Comments (endangered species obs, dredged material, biological obs, etc.)

* LOAD 31 DIFFERENT STATION M1 +00 - 290+00
AUTHORIZED BY USACE

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty M. NIEDBALSKI

Endangered Species Observer Program

Dredge: M/V. STUYVESANT

Project: Mobile Bay Shipping Channel

Location: Mobile AL

Date 8/16/03 Load # 34 Start 1805 End 1855 Dump 2236

Weather ~~[illegible]~~ ROUGH SEAS 4-6'

Date 8/16/03 Load # 35 Start 0216 End 0254 Dump 0638

Weather PT CLOUDY

Date 8/16/03 Load # 36 Start 1008 End 1050 Dump 1443

Weather PT CLOUDY. COOL BREEZE

H2O Temp. Surface 83.5°F Time _____ Below Mid Depth _____ Time _____

Port Draghead _____ Deflector /

Star. Draghead _____ Deflector _____

Mid Loader:

Load# 34

Load# 35

Load# 36

Aft Loader:

WOOD, CLAY, PLASTIC, BAGS DEBRIS

Overflow Main _____ Overflow Port _____ Overflow Star. _____

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty M. NIEDBALSKI

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: MOBILE BAY SHIPPING CHANNEL

Location: MOBILE BAY

Date 8/16/03 Load # 37 Start 1872 End 1905 Dump —

Weather LIGHTNING T-STORMS

Date 8/17/03 Load # 38 Start 0214 End 0306 Dump 0701

Weather SUNNY EXC. CONDTS.

Date 8/17/03 Load # 39 Start 1038 End 1128 Dump 1515

Weather EXC.

H2O Temp. Surface 83.0F Time _____ Below Mid Depth _____ Time _____

Port Draghead _____ Deflector /

Star. Draghead _____ Deflector /

Mid Loader:	Aft Loader:
Load# 37	(1) BLUE CRAB, SHRIMP(2) (1) CROAKER FISH
Load# 38	
Load# 39	

Overflow Main _____ Overflow Port _____ Overflow Star. _____

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty M. N.

Endangered Species Observer Program

Dredge: M/V. STUYVESANT

Project: Mobile Bay Shipping Channel

Location: Mobile AL

Date 8/18/03 Load # 40 Start 1836 End 1128 Dump ~~1512~~ 2303

Weather SUNNY EXC. CONDITS. 5-10KSE CALM SEAS

Date 8/18/03 Load # 41 Start 0235 End 0331 Dump ~~2303~~ 0709

Weather "

Date 8/18/03 Load # 42 Start 1050 End 1133 Dump ~~0709~~ 1503

Weather "

H2O Temp. Surface 83°F Time _____ Below Mid Depth _____ Time _____

Port Draghead " CL Deflector NOT

Star. Draghead CL Deflector IN USE

Mid Loader:

Load# 40 NOT IN USE

Load# 41

Load# 42

Aft Loader:

(1) BLUE CRAB

CL

CL

Overflow Main _____ Overflow Port _____ Overflow Star. _____

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
-0-		

Observers on duty MELINDA NIEDBALSKI

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: MOBILE BAY SHIP CHANNEL

Location: MOBILE BAY AL

Date 8/18/03 Load # 43 Start 1832 End 1925 Dump 2302

Weather CLEAR

Date 8/19/03 Load # 44 Start ~~0339~~ 0243 End 0339 Dump 0722

Weather Clear + calm

Date 8/19/03 Load # 45 Start 1110 End 1223 Dump 1605

Weather CLEAR + CALM

H2O Temp. Surface 84 Time _____ Below Mid Depth 83 Time _____

Port Draghead OK Deflector ~~NOT USING~~

Star. Draghead " Deflector _____

Mid Loader:		Aft Loader:
Load# 43	NOT USING	CLEAR
Load# 44		CLEAR MUD, DEBRIS
Load# 45		DEBRIS 2 BLUE CRAB

Overflow Main _____ Overflow Port _____ Overflow Star. _____

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TT	2	1320 in channel

Observers on duty MELINDA NIEDBALSKI / KNIGHT

Endangered Species Observer Program

Dredge: STUYVESANT

Project: MOBILE BAY, AL

Location: SECTION 2, 3

Date 8-20 Load # 46 Start 1926 End 2023 Dump 0015

Weather P/Clear, NWND 5, SEAS CALM

Date 8-20 Load # 47 Start 0345 End 0437 Dump 0830

Weather Cloudy, CALM

Date 8-20 Load # 48 Start 1210 End 1245 Dump 1627

Weather SAME

H2O Temp. Surface 88 Time _____ Below Mid Depth 87 Time _____

Port Draghead OK Deflector _____

Star. Draghead " Deflector _____

Mid Loader:

Load# _____

Load# _____

Load# _____

Aft Loader:

DEBRIS

Overflow Main ✓ Overflow Port ✓ Overflow Star. ✓ N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty S. KNIGHT

Endangered Species Observer Program

Dredge: STUYVESANT

Project: MOBILE

Location: 3

Date 8-21 Load # 49 Start 1947 End 2023 Dump 2004

Weather PC N wind 2, SEAS 1-2

Date 8-21 Load # 50 Start 0434 End 0510 Dump 0844

Weather SAME

Date 8-21 Load # 51 Start 1229 End 1302 Dump 1630

Weather SAME

H2O Temp. Surface 87-86 Time _____ Below Mid Depth 86 Time _____

Port Draghead _____ Deflector _____

Star. Draghead _____ Deflector _____

Mid Loader:

Load#

Load#

Load#

Aft Loader:

Wood + TRASH

Overflow Main _____ Overflow Port _____ Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty KNIGHT

2005 : 2043

Endangered Species Observer Program

Dredge: STUYVESANT

Project: MOBILE

Location: 3

Date 8-22 Load # 52 Start 2005 End 2043 Dump 0036

Weather Cloudy, NE Wind 5-10, SEAS 1'

Date 8-22 Load # 53 Start 0351 End 0440 Dump 0509

Weather SAME

Date 8-22 Load # 54 Start 1134 End 1232 Dump 1532

Weather SAME

H2O Temp. Surface 88 Time _____ Below Mid Depth 87 Time 12:00

Port Draghead OK Deflector /

Star. Draghead OK Deflector /

Mid Loader:

Load#

Load#

Load#

Aft Loader:

wood & Trash

Overflow Main _____ Overflow Port _____ Overflow Star. _____

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	3	3032, 8801

Observers on duty KNIGHT

Endangered Species Observer Program

Dredge: STUYVESANT

Project: MOBILE, AL

Location: 3

Date 8-22 Load # 55 Start 1918 End 2023 Dump 2353

Weather P/C, N WIND 5-12, SEA 1-2

Date 8-23 Load # 0304 Start 0357 End 0748 Dump

Weather SAME

Date 8-23 Load # 57 Start 1111 End 1200 Dump 1520

Weather SAME

H2O Temp. Surface 87 Time 1130 Below Mid Depth 86 Time 1130

Port Draghead OK Deflector

Star. Draghead OK Deflector

Mid Loader: Aft Loader:

Load# WOOD DEBRIS

Load#

Load#

Overflow Main Overflow Port Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

SMALL FISH ON CATWALK

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty KNIGHT

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile Bay Shipping Channel

Location: Mobile AL

Date 8-23 Load # 58 Start 1848 End 1929 Dump 2307

Weather P/C, N. wind 10, SEAS 1-2

Date 8-24 Load # 59 Start 0209 End 0250 Dump 0620

Weather P/C N wind 5, SEAS 1-2

Date 8-24 Load # 60 Start ~~0209~~ 0937 End ~~0256~~ 1023 Dump 1355

Weather M/C, SAME

H_2O Temp. Surface 87 Time _____ Below Mid Depth 86 Time _____

Port Draghead _____ Deflector _____

Star. Draghead _____ Deflector _____

Mid Loader:

Load# _____

Load# _____

Load# _____

Aft Loader:

Wood / Clay

Overflow Main _____ Overflow Port _____ Overflow Star. N/A

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

• Clay SN 58

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty Knight

1726 1804 2121 0021 0047

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 8-24-03 Load # 61 Start 1726 End 1804 Dump 2121

Weather Clear, N. Wind 5-10, SEAS 1

Date 8-25 Load # 62 Start 0021 End 0047 Dump 0456

Weather SAME

Date 8/26-03 Load # 63 Start 0135 End 0250 Dump [illegible]

Weather Clear, Winds, CALM

H2O Temp. Surface 86 Time _____ Below Mid Depth 86 Time _____

Port Draghead _____ Deflector N/A

Star. Draghead _____ Deflector _____

Mid Loader: Aft Loader:

Load# _____ Wood, DEBRIS

Load# _____

Load# _____

Overflow Main _____ Overflow Port _____ Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observers on duty KNIGHT

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 8/26/03 Load # 64 Start 695 End 1047 Dump 1417

Weather Clear, N wind 5, SEAS 1-2

Date 8/26 Load # 65 Start 1912 End 1958 Dump 2332

Weather SAME

Date 8/27 Load # 66 Start 0301 End 0344 Dump 0659

Weather SAME

H2O Temp. Surface 87 Time 1030 Below Mid Depth 86 Time 1030

Port Draghead _____ Deflector N/A

Star. Draghead _____ Deflector _____

Mid Loader:

Load#

Load#

Load#

Aft Loader:

wood + trash

Overflow Main _____ Overflow Port _____ Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty KNIGHT

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 8-27-03 Load # 67 Start 0955 End 1097 Dump 1311

Weather Mostly Clear, winds, SEAS CALM

Date 8-27-03 Load # 68 Start 1650 End 1755 Dump 2108

Weather SAME

Date 8-28 Load # 69 Start 0241 End 0332 Dump 0717

Weather SAME

H2O Temp. Surface _____ Time _____ Below Mid Depth _____ Time _____

Port Draghead _____ Deflector N/A

Star. Draghead _____ Deflector N/A

Mid Loader:

Load# _____

Load# _____

Load# _____

Aft Loader:

DRUM

Overflow Main _____ Overflow Port _____ Overflow Star. _____

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty KNIGHT

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: ~~MOBILE BAY SHIPPING CHANNEL~~ PAscagoula channel
N 30°17' W 88°31'

Date 8-28-03 Load # 70 Start 1355 End 1502 Dump 1740

Weather Mostly Clear, E wind 10, SEAS 1-2

Date 8-29 Load # 71 Start 0526 End 0636 Dump 0919

Weather F/C SW wind 10, SEAS 1-3

Date 8-29 Load # 72 Start 1220 End 1337 Dump 1655

Weather SAME

H2O Temp. Surface 88 Time 1230 Below Mid Depth 87 Time 1240

Port Draghead OK Deflector ~~N/A~~

Star. Draghead Deflector

Mid Loader:
Load#
Load#
Load#

Aft Loader:
Wood & Trash

Overflow Main Overflow Port Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

EECS on CAT WALK

Bridge Watch Summary

	Species	# of Animals	Time / Location / Comments
8-28	Tt	4	1645 3013 88 30
8-29	Tt	3	0910 3015 88 30

Observers on duty KNIGHT

Endangered Species Observer Program

Dredge: STUYVESANT

Project: PASCAGOULA SHIP Channel

Location: SECTION 4 30°18' 88°30'

Date 8-29-03 Load # 73 Start 1919 End 2040 Dump 2335

Weather Cloudy, SW wind 20, SEAS 5'

Date 8-30-03 Load # 74 Start 0107 End 0307 Dump 0609

Weather Cloudy, SW wind 15, SEAS 3-4

Date 8-30-03 Load # 75 Start 0752 End 0857 Dump 1046

Weather SAME

H2O Temp. Surface 88 °F Time 0810 Below Mid Depth 87 °F Time 0815

Port Draghead OK Deflector N/A

Star. Draghead Deflector

Mid Loader:

Load#

Load#

Load#

N/A

Aft Loader:

Wood + Trash

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
0		

Observers on duty Stacie KNIGHT

Endangered Species Observer Program

Dredge: STUYVESANT

Project: PASCAGOULA, MS

Location: SECTION 4 30 18 88 30

Date 8-30-03 Load # 76 Start 1213 End 1329 Dump 1507

Weather Cloudy, RAIN, NE WIND 20 KTS, SEAS 3-4

Date 8-30-03 Load # 77 Start 1636 End 1747 Dump 1930

Weather SAME squall

Date 8-30-03 Load # 78 Start 2218 End 2314 Dump

Weather SAME

H2O Temp. Surface 87 Time 1300 Below Mid Depth 86 Time 1510

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector

Mid Loader:

Load# N/A

Load#

Load#

Aft Loader:

Wood & Trash

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

JUV. FISH ON CATWALK

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observers on duty S. KNIGHT

Endangered Species Observer Program

Dredge: STUYVESANT

Project: PASCAGOOLA, MS

Location: 30 18 88 30

Date 8-31-03 Load # ~~80~~ 79 ~~0434~~ Start ~~0507~~ 0434 End 0507 Dump 0707

Weather P/C, SE WIND 10-20, SEAS 3-5

Date 9-2-03 Load # 80 Start 0135 End 0151 Dump 0330

Weather Mostly clear, SE wind 5-10, SEAS 3

Date 9-2-03 Load # 81 Start 0518 End 0555 Dump 0715

Weather SAME

H_2O Temp. Surface _____ Time _____ Below Mid Depth _____ Time _____

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:

Load#

Load#

Load#

N/A

Aft Loader:

Wood, Trash

Overflow Main ~~01~~ N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	2	1020, 30°16' 88°30'

Observers on duty KNIGHT

Endangered Species Observer Program

Dredge: STUYVESANT

Project: PASCAGOULA

Location: 30 18, 88 30

Date 9-2-03 Load # 82 Start 0931 End 1015 Dump 1136

Weather M/C, SE wind 5-10, SEAS 1-2

Date 9-2-03 Load # 83 Start 1314 End 1352 Dump 1525

Weather SAME

Date 9-2-03 Load # 84 Start 1756 End 1835 Dump 2156

Weather SAME

H2O Temp. Surface _____ Time _____ Below Mid Depth _____ Time _____

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:		Aft Loader:
Load#		Wood & Trash
Load#	N/A	
Load#		

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

EELS & WHITING on CATWALK

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty KNIGHT

Endangered Species Observer Program

Dredge: STUYVESANT

Project: PASCAGOULA, MS

Location: BAYOU CASSOTTE, 30°17 88 30

Date 9-3-03 Load # 85 Start 0500 End 0540 Dump 0303

Weather P/C, SE wind 5-10, SEAS 2'

Date 9-3-03 Load # 86 Start 0430 End 0500 Dump 0628

Weather SAME

Date 9-3-03 Load # 87 Start 0251 End 0837 Dump 1123

Weather SAME

H2O Temp. Surface 89°-88 Time 0500 Below Mid Depth 87 Time

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:

Load#

Load#

Load#

N/A

Aft Loader:

Wood & TRASH

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

EELS ON CATWALK

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	5	In cut FEEDING BEHIND Shrimp Boat

Observers on duty STACIE KNIGHT

Endangered Species Observer Program

Dredge: Stuyvesant

Project: PASCAGOULA

Location: BAYOU CASSOTTE

Date 9-3-03 Load # 88 Start 1313 End 1344 Dump 1511

Weather P/C, SE wind 5-10, SEAS 2

Date 9-3-03 Load # 89 Start 1634 End 1701 Dump 2020

Weather SAME

Date 9-3-03 Load # 90 Start 2215 End 2247 Dump 0014

Weather SAME

H_2O Temp. Surface 88 Time 2220 Below Mid Depth 86 Time 2230

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:

Load# N/A

Load#

Load#

Aft Loader:

TRASH SEAWEED

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty S. KNIGHT

Endangered Species Observer Program

Dredge: STUYVESANT

Project: PASCAGOULA, MS

Location: Y, BAYOU CASSOTTE, + PASCAGOULA CHANNELS 30° 17' 88° 30'

Date 9-4-03 Load # 91 Start 0156 End 0228 Dump 0348

Weather Cloudy, SE wind 10, SEAS 2

Date 9-4-03 Load # 92 Start 0349 End 0615 Dump 0755

Weather Cloudy, SE wind 10-15, SEAS 1-2

Date 9-4-03 Load # 93 Start 1047 End 1138 Dump 1300

Weather Cloudy, RAIN, T-STORMS, SE wind 10-20, SEAS 2'

H2O Temp. Surface 88 Time 0610 Below Mid Depth 88 Time 0610

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:

Load# N/A

Load#

Load#

Aft Loader:

Trash SEA WEED

1 HSCIAB

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

· EELS, JUV. FISH ON CATWALK

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observers on duty S. KNIGHT

Endangered Species Observer Program

Dredge: Stuyvesant

Project: Pascagoula, MS

Location: Y, Pasc. Channel, 30° 17' 88° 30"

Date 9-4-03 Load # 94 Start 1458 End 1542 Dump 1710

Weather Rain, T-storm, SE wind 15, SEAS 2'

Date 9-4-03 Load # 95 Start 1858 End 2024 Dump 2146

Weather Cloudy, SE wind 5-10, SEAS 2'

Date 9-5-03 Load # 96 Start 2310 End 0033 Dump 0221

Weather Same

H2O Temp. Surface 88 Time 1910 Below Mid Depth 87 Time

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	Wood, Trash
Load#	Seaweed
Load#	

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

EEL on catwalk

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
∅		

Observers on duty S. Knight

Endangered Species Observer Program

Dredge: STUYVESANT

Project: Pascagoula

Location: 30°18' 88°30'

Date 9-5-03 Load # 97 Start 0340 End 0450 Dump 0615

Weather Cloudy, Rain, SE wind 10, SEAS 2'

Date 9-5-03 Load # 98 Start ~~0350~~ 0736 End 0817 Dump 1018

Weather SAME NO RAIN

Date 9-5-03 Load # 99 Start 1242 End 1313 Dump 1509

Weather SAME

H2O Temp. Surface 87 Time 0810 Below Mid Depth 87 Time 0810

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector "

Mid Loader:

Load# N/A

Load#

Load#

Aft Loader:

Trash

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
• Te	5	1430 3011 8851

Observers on duty Knight

Endangered Species Observer Program

Dredge: STUYVESANT

Project: Pascagoula

Location: 30 18 , 88 30'

Date 9-5-03 Load # 100 Start 1708 End 1757 Dump 2015

Weather Cloudy, SE wind 10, SEAS 1-2

Date 9-5-03 Load # 101 Start 2138 End 2220 Dump 0143

Weather Same

Date 9-6-03 Load # 102 Start 0304 End 0343 Dump 0620

Weather Cloudy, E wind 10, SEAS 2'

H2O Temp. Surface 87 Time 2200 Below Mid Depth 87 Time 2200

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector "

Mid Loader:

Load# N/A

Load#

Load#

Aft Loader:

Trash seaweed

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty Knight

Endangered Species Observer Program

Dredge: STUYVESANT

Project: PASCAGOULA, MS

Location: N 30°18' W 88°30'

Date 9-6-03 Load # 103 Start 0830 End 0857 Dump 1027

Weather Cloudy, E wind 10, SEAS 2-3

Date 9-6-03 Load # 104 Start 1153 End 1228 Dump 1448

Weather SAME

Date 9-6-03 Load # 105 Start 1707 End 1745 Dump 1909

Weather SAME

H2O Temp. Surface 87 °F Time _____ Below Mid Depth 86 °F Time _____

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	TRASH
Load# N/A	
Load# N/A	

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

PASCAGOULA CHANNEL

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Te	3	1030 DUMPSITE

Observers on duty STACIE KNIGHT

Endangered Species Observer Program

Dredge: STUYVESANT

Project: PASCAGOULA, MS

Location: 30° 18' 88 30

Date 9-6-03 Load # 106 Start 2034 End 2116 Dump 2342

Weather Cloudy, ESE wind 10, SEAS 2'

Date 9-7-03 Load # 107 Start 0209 End 0237 Dump 0400

Weather SAME

Date 9-7-03 Load # 108 Start 0612 End 0641 Dump 0804

Weather Cloudy, SE wind 10, SEAS 2-3

H2O Temp. Surface 87 °F Time _____ Below Mid Depth 86 °F Time _____

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:

Load# N/A

Load# N/A

Load# N/A

Aft Loader:

TRASH

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
No SIGHTINGS		

Observers on duty STACIE KNIGHT

Endangered Species Observer Program

Dredge: STUYVESANT

Project: PASCAGOULA, MS

Location: 30°18' 88°30'

Date 9-7-03 Load # 109 Start 0957 End 1124 Dump 1329

Weather cloudy, SE wind 10-12, SEAS 3

Date 9-7-03 Load # 110 Start 1506 End 1608 Dump 1736

Weather SAME

Date 9-7-03 Load # 110 Start 1905 End 2017 Dump 2142

Weather SAME

H2O Temp. Surface 88 °F Time _____ Below Mid Depth 86 °F Time _____

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	Trash Clay
Load# N/A	
Load# N/A	

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty STACIE KNIGHT

Endangered Species Observer Prog

Dredge: STUYVESANT

Project: PASCAGOULA, MS

Location: 30°18', 88°30'

Date 9-8-03 Load # 112 Start 2311 End 0009 Dump 0142

Weather P/C, ESE wind 5-10, SEAS 1-2

Date 9-8-03 Load # 113 Start 0350 End 0442 Dump 0612

Weather SAME

Date 9-8-03 Load # 114 Start 0837 End 1014 Dump 1147

Weather SAME

H2O Temp. Surface 85 °F Time 0845 Below Mid Depth 85 °F Time

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	Trash
Load# N/A	clay
Load# N/A	

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

CAT FISH, Blue Crab

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty STACIE KNIGHT

Endangered Species Observer Program

Dredge: STUYVESANT

Project: PASCAGOULA, MS

Location: 30°18' 88°30'

Date 9-8-03 Load # 115 Start 1331 End 1358 Dump 1607

Weather P/c, S wind 15, SEAS 3'

Date 9-8-03 Load # 116 Start 1802 End 1900 Dump 2015

Weather SAME

Date 9-8-03 Load # 117 Start 2139 End 2226 Dump 0028

Weather SAME

H2O Temp. Surface 86 °F Time 130 Below Mid Depth 85 °F Time

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:

Load# N/A

Load# N/A

Load# N/A

Aft Loader:

TRASH

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

1 CATFISH

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	5	1630 30°14' 88°51'

Observers on duty STACIE KNIGHT

Endangered Species Observer Prog

Dredge: STUYVESANT

Project: PASCAGOULA, MS

Location: 30 18 88 30

Date 9-9-03 Load # 118 Start 0150 End 0220 Dump 0418

Weather HAZY, P/C, SE WIND 10-15, SEAS 5

Date 9-9-03 Load # 119 Start 0611 End 0640 Dump 0807

Weather P/C, SE WIND 10, SEAS 2

Date 9-9-03 Load # 120 Start 0930 End 1001 Dump 1207

Weather: P/C, SE WIND 10-15, SEAS 3-4

H_2O Temp. Surface 85 °F Time _____ Below Mid Depth 85 °F Time _____

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	Trash
Load# N/A	
Load# N/A	

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty STACIE KNIGHT

Endangered Species Observer Program

Dredge: STUYVESANT

Project: PASCAGOULA, MS

Location: 30° 18' N 88° 30'

Date 9-9-03 Load # 121 Start 1357 End 1446 Dump 1235

Weather Cloudy

Date 9-9-03 Load # 122 Start 1904 End 2026 Dump

Weather SAME

Date 9-10-03 Load # 123 Start End Dump

Weather

H2O Temp. Surface 86 °F Time Below Mid Depth 85 °F Time

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:

Load# N/A

Load# N/A

Load# N/A

Aft Loader:

TRASH

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty STACIE KNIGHT

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL
350 +00 — 290 +00

Date 9-10-03 Load # 123 Start 0860 End 0637 Dump 1012

Weather Mostly clear, NE wind 10, SEAS 3'

Date 9-10-03 Load # 124 Start 1335 End 1443 Dump 1250

Weather SAME

Date 9-11-03 Load # 125 Start 2111 End 2207 Dump 0139

Weather SAME

H2O Temp. Surface 86 Time 1400 2120 Below Mid Depth 84 Time

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:

Load# N/A

Load#

Load#

Aft Loader:

TRASH + wood

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

CATFISH, WEAK FISH, EEL

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty S. KNIGHT

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 9-11-03 Load # 126 Start 0439 End 0535 Dump 0557

Weather PARTLY cloudy, NE wind 5, SEAS 1-2'

Date 9-11-03 Load # 127 Start 1150 End 1259 Dump 1620

Weather P/C, ENE wind 5-10, SEAS 2-3'

Date 9-11-03 Load # 128 Start 2031 End 2120 Dump 2200

Weather P/C, ENE wind 10, SEAS 2'-3'

H2O Temp. Surface 86°-85° Time 0450 1200 Below Mid Depth 85-84° Time

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:

Load# N/A

Load#

Load#

Aft Loader:

Trash, wood

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

EELS, CATFISH

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty KNIGHT

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 9-12-03 Load # 129 Start 0619 End 0651 Dump 1122

Weather P/C, NE wind 10, SEAS 2'

Date 9-12-03 Load # 130 Start 1545 End 1628 Dump 2102

Weather SAME

Date 9-13 Load # 131 Start 0049 End 0136 Dump 0615

Weather SAME

H_2O Temp. Surface 86 - 85 Time _____ Below Mid Depth 85-84 Time _____

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:

Load# N/A

Load#

Load#

Aft Loader:

wood

2 Flounder

Blue CRAB

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tt	2	30 34 8801 1910
Tt	2	Aft 11

Observers on duty KNIGHT

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 9-13-03 Load # 132 Start 1019 End 1051 Dump 1530

Weather Partly Cloudy, SE wind 10, SEAS 2

Date 9-13-03 Load # 133 Start 1945 End 2027 Dump 0053

Weather Cloudy, wind 5, SEAS 1-2

Date 9-14-03 Load # 134 Start 0500 End 0535 Dump 1023

Weather Cloudy, SE winds @ 10, SEAS 2-3

H2O Temp. Surface 86 °F Time 2000 Below Mid Depth 84 °F Time 2005

Port Draghead OK Deflector —

Star. Draghead OK Deflector —

Mid Loader: Aft Loader:

Load# N/A wood

Load#

Load#

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

EELS, CATFISH, BLUE CRAB

- BOX FLUSHED in AM

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observers on duty Knight

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL
30 42 88 02' 1645 - 3600

Date 9-14-03 Load # 135 Start 1444 End 1527 Dump 1957

Weather P/c, N Wind 10 SEAS 1-3

Date 9-15-03 Load # 136 Start 2343 End 0019 Dump 0432

Weather Mostly clear N wind 15 SEAS 3-4

Date 9-15-03 Load # 137 Start 0857 End 0934 Dump 1408

Weather Clear, NE Wind 15-20 SEAS 3

H_2O Temp. Surface 85 Time 0900 Below Mid Depth 84 °F Time 0910

Port Draghead OK Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:
Load# N/A
Load#
Load#

Aft Loader:
Wood + Trash

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

CATFISH

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	3	30°24' 88°01' 1230

Observers on duty KNIGHT

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 9-15-03 Load # 138 Start 1815 End 1915 Dump 2349

Weather P/c , N Wind 15 , SEAS 3'

Date 9-16-03 Load # 139 Start ~~0420~~ 0352 End 0422 Dump 0841

Weather SAME - Clearing

Date 9-16-03 Load # 140 Start 1253 End 1331 Dump 1807

Weather SAME

H2O Temp. Surface 85 ° Time 1310 Below Mid Depth 85 Time 1315

Port Draghead wood Deflector N/a

Star. Draghead OK Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	Wood - 10TS
Load#	+ 1 SKATE
Load#	

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

CATFISH

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Te	3	#35 1010

Observers on duty KNIGHT

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 9-17-03 Load # 141 Start 2212 End 2312 Dump 0326

Weather Clear, SE wind 5, SEAS 2-3

Date 9-17-03 Load # 142 Start 0749 End 0826 Dump 1301

Weather Clear, SE wind 5-10, SEAS 3-4

Date 9-17 Load # 143 Start 1656 End 1740 Dump 2225

Weather SAME

H2O Temp. Surface 85-84 Time _____ Below Mid Depth 84 Time _____

Port Draghead OK wood Deflector N/A

Star. Draghead OK Deflector N/A

Mid Loader:

Load# N/A

Load# N/A

Load# N/A

Aft Loader:

wood

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

CATFISH DRUM BLUE CRAB

WOLF

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
TE	4	1115 30 24 88 01

Observers on duty KNIGHT

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 9-18-03 Load # 144 Start 0256 End 0343 Dump 0820

Weather Clear, S wind @ 10, SEAS 2-4

Date 9-18-03 Load # 145 Start 1222 End 1338 Dump 1817

Weather clear, SE wind 5-10, SEAS 3

Date 9-19-03 Load # 146 Start 2238 End 2316 Dump

Weather Clear, SE wind 10, SEAS @ 3-4

H2O Temp. Surface 84 Time 1300 Below Mid Depth 83 Time 1300

Port Draghead ok Deflector OK N/A

Star. Draghead OK Deflector OK

Mid Loader:

Load# N/A

Load# N/A

Load# N/A

Aft Loader:

wood

Overflow Main n/a Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

- CATFISH on CATWALK
- LOTS of wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Ø		

Observers on duty STACIE KNIGHT

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 9-19-03 Load # 147 Start 0805 End 0859 Dump 1340

Weather clear, S wind 5, SEAS 2-3'

Date 09-19-03 Load # 148 Start 1659 End 1738 Dump 2112

Weather clear, SSW wind 5, seas 2'

Date 09-20-03 Load # 149 Start 0018 End 0102 Dump 0428

Weather clear, W wind 10 knots, seas 2'

H2O Temp. Surface 84°F Time 1705 Below Mid Depth 83°F Time 1705

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	wood
Load#	wood debris
Load#	wood

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty KNIGHT / Lange

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 09-20-03 Load # 150 Start 0726 End 0810 Dump 1122

Weather clear + sunny, SE winds 5-10 kts, seas 1'-2'

Date 09-20-03 Load # 151 Start 1446 End 1523 Dump 1849

Weather "

Date 09-21-03 Load # 152 Start 2215 End 2253 Dump 0212

Weather "

H2O Temp. Surface 84°F Time 1500 Below Mid Depth 83°F Time 1500

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	wood
Load# "	wood, eel, flounder
Load# "	

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

dredge material = mud

bycatch = eel, flounder

abiota = wood, some trash (metal, plastic, fish net)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 09-21-03 Load # 153 Start 0453 End 0524 Dump 0844

Weather overcast, winds ESE 15-20 kts, seas 2'-3'

Date 09-21-03 Load # 154 Start 1151 End 1229 Dump 1543

Weather overcast + rain, winds ESE 20-25 kts, seas 3'-4'

Date 09-22-03 Load # 155 Start 2010 End 2100 Dump 0012

Weather overcast + rain, winds SE 25 kts, seas 4'-5'

H2O Temp. Surface 83° F Time 1215 Below Mid Depth 82° F Time 1215

Port Draghead good Deflector N/A

Star. Draghead good Deflector NA

Mid Loader:	Aft Loader:
Load# N/A	wood, plastic, metal
Load# N/A	"
Load# N/A	"

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = eel, (yoy) red drum

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 09·22·03 Load # 156 Start 0325 End 0415 Dump 0750

Weather overcast and light rain, winds SE 15-20 kts, seas 3'

Date 09·23·03 Load # 157 Start 0245 End 0349 Dump 0710

Weather clear, winds E 10-12 kts, seas 2'

Date 09·23·03 Load # 158 Start 0958 End 1108 Dump 1422

Weather clear + sunny, winds NE 10-12 kts, seas 1'-2'

H2O Temp. Surface 83°F Time _____ Below Mid Depth 82°F Time _____

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	clear (no additional debris)
Load# N/A	clear "
Load# N/A	eel, crab

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud
bycatch = eel, crab
abiota = wood
flushed box

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 09.23.03 Load # 159 Start 1737 End 1821 Dump 2129

Weather partly cloudy, winds NE 10 kts, seas 1'-2'

Date 09.24.03 Load # 160 Start 0043 End 0108 Dump 0419

Weather clear, winds NE 10 kts, seas 1'-2'

Date 09.24.03 Load # 161 Start 0729 End 0822 Dump 1121

Weather clear + sunny, winds NE @ 10 kts, seas 1'-2'

H2O Temp. Surface 82°F Time 0815 Below Mid Depth 81°F Time 0815

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = eel

small amount of wood in basket

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 09.24.03 Load # 162 Start 1407 End 1507 Dump 1804

Weather clear + sunny, winds NE 10 kts, seas 1'-2'

Date 09.25.03 Load # 163 Start 2115 End 2213 Dump 0113

Weather clear, winds NE 10 kts, seas 1'-2'

Date 09.25.03 Load # 164 Start 0402 End 0452 Dump 0755

Weather clear, winds ENE 10-12 kts, seas 1'-2'

H2O Temp. Surface 82°F Time 1100 Below Mid Depth 81°F Time 1100

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = none

abiota = scrap wood, metal

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 09.25.03 Load # 165 Start 1051 End 1148 Dump 1445

Weather clear + sunny, winds ENE 10-12 kts, seas 1'-2'

Date 09.25.03 Load # 166 Start 1741 End 1824 Dump 2124

Weather clear + sunny, winds ENE 10-12 kts, seas 2'

Date 09.26.03 Load # 167 Start 0027 End 0123 Dump 0417

Weather clear, winds NE 14kts, seas 2'

H2O Temp. Surface 82°F Time 1745 Below Mid Depth 81°F Time 1745

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = flounder, eel

abiota = scrap wood, metal, fishing net

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: M/V STUYVESANT

Project: Mobile AL

Location: MOBILE BAY SHIPPING CHANNEL

Date 09.26.03 Load # 168 Start 0802 End 0906 Dump 1247

Weather Clear + sunny, winds NE 18-20 kts, seas 3'

Date 09.26.03 Load # 169 Start 1547 End 1632 Dump 2000

Weather Clear + sunny, winds NE 18-20 kts seas 3'-4'

Date 09.27.03 Load # 170 Start 2315 End 0000 Dump 0337

Weather Clear

H2O Temp. Surface 82°F Time 1600 **Below Mid Depth** 81°F **Time** 1600

Port Draghead good **Deflector** N/A

Star. Draghead good **Deflector** N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A **Overflow Port** N/A **Overflow Star.** N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = flounder

abiota = scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: M/V Stuyvesant

Project: Mobile, AL

Location: Mobile Bay Shipping Channel

Date 09.27.03 Load # 171 Start 0726 End 0809 Dump 1154

Weather clear, winds light + var, seas calm

Date 09.27.03 Load # 172 Start 1521 End 1609 Dump 1856

Weather clear, winds light + var, seas calm

Date 09.28.03 Load # 173 Start 2230 End 2320 Dump 0337

Weather clear, winds NNW 14-16 kts, seas 3'

H_2O Temp. Surface 82°F Time 1530 Below Mid Depth 81°F Time 1530

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = catfish, bunker

abiota = large amount of scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 09.28.03 Load # 174 Start 0722 End 0751 Dump 1137

Weather Clear + sunny, winds N 20-25 kts, seas 5'

Date 09.28.03 Load # 175 Start 1452 End 1532 Dump 1931

Weather Clear + sunny, winds N 20-25 kts, seas 5'

Date 09.29.03 Load # 176 Start 2300 End 2330 Dump 0301

Weather Clear, winds N 20-25kts, seas 5'

H_2O Temp. Surface 83°F Time 1500 Below Mid Depth 82°F Time 1500

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = catfish

abiota = large amount of scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: M/V Stuyvesant

Project: Mobile, AL

Location: Mobile Bay Shipping Channel

Date 09.29.03 Load # 177 Start 0615 End 0647 Dump 1030

Weather clear + sunny, winds N 20-25 kts, seas 4'-5'

Date 09.29.03 Load # 178 Start 1351 End 1422 Dump 1816

Weather clear + sunny, winds N 20-25 kts, seas 5'

Date 09.30.03 Load # 179 Start 2030 End 2103 Dump 0025

Weather clear, winds N 20-25 kts, seas 5'

H_2O Temp. Surface 83°F Time 1415 Below Mid Depth 82°F Time 1415

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	basket flushed
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud, some clay

bycatch = flounder

abiota = lots of scrap wood and other debris

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: M/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 09·30·03 Load # 180 Start 0301 End 0338 Dump 0627

Weather Clear, winds NE 20 kts, seas 4'

Date 09·30·03 Load # 181 Start 0919 End 0950 Dump 1228

Weather clear + sunny, winds NE 20-25kts, seas 4'

Date 09·30·03 Load # 182 Start 1514 End 1549 Dump 1844

Weather Clear + sunny, winds NE 20-25kts, seas 4'-5'

H_2O Temp. Surface 81°F Time 1530 Below Mid Depth 80°F Time 1530

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = flounder

abiota = scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·01·03 Load # 183 Start 2132 End 2207 Dump 0107

Weather clear, winds NNE 20-25 kts, seas 4'-5'

Date 10·01·03 Load # 184 Start 0408 End 0444 Dump 0731

Weather clear + sunny, winds NNE 20-25 kts, seas 4'

Date 10·01·03 Load # 185 Start 1024 End 1108 Dump 1355

Weather clear + sunny, winds NNE 20 kts, seas 3'-4'

H_2O Temp. Surface 80°F Time 1100 Below Mid Depth 79°F Time 1100

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = none

abiota = small amount of scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: M/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10.01.03 Load # 186 Start 1643 End 1721 Dump 2021

Weather Clear + sunny, winds NNE 20 kts, seas 3'

Date 10.02.03 Load # 187 Start 2321 End 0000 Dump 0256

Weather Clear, winds N 20-25 kts, seas 3-4'

Date 10.02.03 Load # 188 Start 0609 End 0631 Dump 0933

Weather Clear + sunny, winds NNE 20 kts, seas 3'

H_2O Temp. Surface 79°F Time 0600 Below Mid Depth 78°F Time 0600

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = none

abiota = scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: M/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·02·03 Load # 189 Start 1216 End 1243 Dump 1554

Weather Clear + sunny, winds NNE 20-25 kts, seas 3'-4'

Date 10·02·03 Load # 190 Start 1826 End 1855 Dump 2154

Weather Clear, winds NNE 20-25 kts, seas 3'-4'

Date 10·03·03 Load # 191 Start 0030 End 0057 Dump 0352

Weather clear, winds NNE 20 kts, seas 3'

H_2O Temp. Surface 79°F Time 1230 Below Mid Depth 78°F Time 1230

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = none

abiota = scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL

Location: Mobile Bay Shipping Channel

Date 10·03·03 Load # 192 Start 0635 End 0711 Dump 1015

Weather sunny + hazy, wind light + var, seas calm

Date 10·03·03 Load # 193 Start 1255 End 1345 Dump 1616

Weather same

Date 10·03·03 Load # 194 Start 1856 End 1950 Dump 2238

Weather same

H_2O Temp. Surface 81° F Time 1300 Below Mid Depth 80°F Time 1300

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = flounder

abiota = scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·04·03 Load # 195 Start 0101 End 0136 Dump 0425

Weather Clear, wind N 2-4 kts, seas calm

Date 10·04·03 Load # 196 Start 0718 End 0815 Dump 1055

Weather Clear + sunny, wind N 2 kts, seas calm

Date 10·04·03 Load # 197 Start 1330 End 1425 Dump 1710

Weather hazy, wind 0, seas calm

H_2O Temp. Surface 81°F Time 1340 Below Mid Depth 80°F Time 1340

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·04·03 Load # 198 Start 1935 End 2000 Dump 2252

Weather hazy, wind 0, seas calm

Date 10·05·03 Load # 199 Start 0135 End 0200 Dump 0445

Weather "

Date 10·05·03 Load # 200 Start 0716 End 0742 Dump 1023

Weather "

H_2O Temp. Surface 79°F Time 1945 Below Mid Depth 78° Time 1945

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = blue crab, bunker, flounder,

ghiota = scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL

Location: Mobile Bay Shipping Channel

Date 10·05·03 Load # 201 Start 1305 End 1333 Dump 1605

Weather fair + sunny, winds light var, seas calm

Date 10·05·03 Load # 202 Start 1848 End 1945 Dump 2234

Weather foggy, wind 0, seas calm

Date 10·06·03 Load # 203 Start 0044 End 0139 Dump 0419

Weather "

H_2O Temp. Surface 81°F Time 1330 Below Mid Depth 80°F Time 1330

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:		Aft Loader:	
Load#	N/A		good
Load#	N/A		good
Load#	N/A		good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·06·03 Load # 204 Start 0646 End 0742 Dump 1017

Weather Clear + sunny, winds ENE 4 kts, seas calm

Date 10·06·03 Load # 205 Start 1403 End 1448 Dump 1726

Weather "

Date 10·06·03 Load # 206 Start 2005 End 2045 Dump 2329

Weather Clear, winds ENE 2-4 kts, seas calm

H_2O Temp. Surface 79° Time 1415 Below Mid Depth 78° Time 1415

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = blue crab, weakfish, tonguefish, croaker

abiota = scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: M/v Stuyvesant

Project: Mobile, AL

Location: Mobile Bay Shipping Channel

Date 10·07·03 Load # 207 Start 0152 End 0235 Dump 0514

Weather foggy, winds NNE 2 kts, seas calm

Date 10·07·03 Load # 208 Start 0818 End 0905 Dump 1139

Weather sunny + hazy, winds NNE 4 kts, seas calm

Date 10·07·03 Load # 209 Start 1405 End 1445 Dump 1718

Weather "

H_2O Temp. Surface 80°F Time 1415 Below Mid Depth 79°F Time 1415

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = catfish

abiotic = scrap wood, fishing line

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·07·03 Load # 210 Start 1945 End 2025 Dump 2300

Weather foggy, winds 0, seas calm

Date 10·08·03 Load # 211 Start 0119 End 0212 Dump 0446

Weather foggy, winds 0, seas calm

Date 10·08·03 Load # 212 Start 0706 End 0800 Dump 1123

Weather foggy, winds 0-2 kts, seas calm

H2O Temp. Surface 79°F Time 0800 Below Mid Depth 78°F Time 0800

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = [redacted] flounder, catfish

abiota = scrap wood, fishing gear (nets, line)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·08·03 Load # 213 Start 1405 End 1505 Dump 1843

Weather foggy, winds 0-2 kts, seas calm

Date 10·09·03 Load # 214 Start 2058 End 2158 Dump 0130

Weather "

Date 10·09·03 Load # 215 Start 0307 End 0357 Dump 0638

Weather "

H_2O Temp. Surface 79°F Time 1430 Below Mid Depth 78°F Time 1430

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = croaker, catfish

abiota = scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·09·03 Load # 216 Start 0904 End 1005 Dump 1242

Weather hazy, winds ENE 4-5 kts, seas 0-1'

Date 10·09·03 Load # 217 Start 1503 End 1537 Dump 1753

Weather "

Date 10·09·03 Load # 218 Start 1955 End 2030 Dump 2300

Weather "

H_2O Temp. Surface 79°F Time 1530 Below Mid Depth 78°F Time 1530

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = croaker, catfish

abiota = scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·10·03 Load # 219 Start 0107 End 0144 Dump 0400

Weather hazy, winds ENE 5-10 kts, seas 1'-2'

Date 10·10·03 Load # 220 Start 0631 End 0703 Dump 0926

Weather overcast, winds ENE 10 kts, seas 1'-2'

Date 10·10·03 Load # 221 Start 1149 End 1220 Dump 1445

Weather overcast + rain, winds ENE 10-20 kts, seas 2'-3'

H_2O Temp. Surface 79°F Time 1200 Below Mid Depth 78°F Time 1200

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = croaker, shrimp

abiota = scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	6	at dump

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·10·03 Load # 222 Start 1705 End 1800 Dump 2020

Weather overcast train, winds ENE 10-20 kts, seas 3'

Date 10·11·03 Load # 223 Start 2243 End 2328 Dump 0152

Weather "

Date 10·11·03 Load # 224 Start 0435 End 0513 Dump 0730

Weather "

H_2O Temp. Surface 78°F Time 0500 Below Mid Depth 77°F Time 0500

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = catfish, eel, shrimp

abiotic = scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
None		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·11·03 Load # 225 Start 1050 End 1115 Dump 1335

Weather overcast, winds ENE 10-20 kts, seas 2'

Date 10·11·03 Load # 226 Start 1555 End 1640 Dump 1853

Weather "

Date 10·12·03 Load # 227 Start 2125 End 2210 Dump 0010

Weather "

H_2O Temp. Surface 78°F Time 1100 Below Mid Depth 77°F Time 1100

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = catfish, eel, croaker

abidta = scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·12·03 Load # 228 Start 0223 End 0257 Dump 0510

Weather overcast, winds ENE 10-20 kts, seas 1'-2'

Date 10·12·03 Load # 229 Start 0724 End 0756 Dump 1008

Weather "

Date 10·12·03 Load # 230 Start 1220 End 1256 Dump 1516

Weather "

H2O Temp. Surface 78°F Time 1230 Below Mid Depth 77°F Time 1230

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = croaker, catfish, eel, shrimp

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·12·03 Load # 231 Start 1721 End 1753 Dump 2010

Weather overcast, winds ENE 10-20 kts, seas 2'

Date 10·12·03 Load # 232 Start 2214 End 2250 Dump 0106

Weather "

Date 10·13·03 Load # 233 Start 0317 End 0347 Dump 0601

Weather partly cloudy, winds NE 10 kts, seas 1'-2'

H_2O Temp. Surface 78°F Time 1730 Below Mid Depth 77°F Time 1730

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = catfish, sand eel, croaker, shrimp

abiotic = scrap wood

went to anchor for refueling

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·13·03 Load # 234 Start 1703 End 1804 Dump 2020

Weather partly cloudy, winds NE 10 kts, seas 1'

Date 10·14·03 Load # 235 Start 2215 End 2313 Dump 0128

Weather "

Date 10·14·03 Load # 236 Start 0331 End 0428 Dump 0638

Weather clear then sunny, winds WNW 15 kts, seas 1'-2'

H_2O Temp. Surface 75°F Time 1710 Below Mid Depth 74°F Time 1710

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·14·03 Load # 237 Start 0856 End 0940 Dump 1200

Weather Sunny, winds WNW 15-25 kts, seas 1'-2'

Date 10·14·03 Load # 238 Start 1405 End 1450 Dump 1720

Weather "

Date 10·14·03 Load # 239 Start 1945 End 2043 Dump 2251

Weather clear, winds NW 20-30 kts, seas 2'-3'

H_2O Temp. Surface 76°F Time 0900 Below Mid Depth 75°F Time 0900

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = catfish

abiotic = scrap wood

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
Tursiops truncatus	4	at dump

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·15·03 Load # 240 Start 0059 End 0143 Dump 0405

Weather Clear, winds N 20 kts, seas 3'

Date 10·15·03 Load # 241 Start 0625 End 0655 Dump 0927

Weather Sunny, winds N 20-25 kts, seas 3'

Date 10·15·03 Load # 242 Start 1148 End 1244 Dump 1458

Weather "

H_2O Temp. Surface 77°F Time 1200 Below Mid Depth 76°F Time 1200

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = horseshoe crab, blue crab, whelks

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·15·03 Load # 243 Start 1725 End 1822 Dump 2041

Weather Sunny then clear, winds NW 20 kts, seas 2'-3'

Date 10·16·03 Load # 244 Start 2310 End 0005 Dump 0220

Weather clear, winds NW 20-25 kts, seas 2'-3'

Date 10·16·03 Load # 245 Start 0452 End 0544 Dump 0803

Weather

H_2O Temp. Surface 76°F Time 1730 Below Mid Depth 75°F Time 1730

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

digging in Assignment 13

bycatch = anchovy, ~~[illegible]~~ tonguefish

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·16·03 Load # 246 Start 1115 End 1141 Dump 1451

Weather sunny, winds N 10 kts, seas 2'

Date 10·16·03 Load # 247 Start 1848 End 1910 Dump 2230

Weather "

Date 10·17·03 Load # 248 Start 0125 End 0152 Dump 0516

Weather clear, winds N 10kts, seas 1'-2'

H_2O Temp. Surface 75°F Time 1900 Below Mid Depth 74°F Time 1900

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = croaker, blue crab

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10·17·03 Load # 249 Start 0812 End 0850 Dump 1158

Weather Sunny, winds var. 10 kts or less, seas 1'-2'

Date 10·17·03 Load # 250 Start 1453 End 1537 Dump 1847

Weather "

Date 10·18·03 Load # 251 Start 2143 End 2207 Dump 0126

Weather "

H2O Temp. Surface 76 °F Time 1500 Below Mid Depth 75°F Time 1500

Port Draghead good Deflector N/A

Star. Draghead good Deflector N/A

Mid Loader:	Aft Loader:
Load# N/A	good
Load# N/A	good
Load# N/A	good

Overflow Main N/A Overflow Port N/A Overflow Star. N/A

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

Comments (endangered species obs, dredged material, biological obs, etc.)

material dredged = mud

bycatch = croaker, blue crab, tonguefish

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments
none		

Observers on duty Lange

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel
30° 34.72' N 88° 01.88' W TO 30° 33.77 N 88° 01.63' W

Date 10·18·02 Load # 252 Start 0420 End 0446 Dump 0752

Weather Clear, wind 15-20KTS, sea 2-3'

Date _____ Load # 253 Start 1054 End 1120 Dump 1432

Weather clear, wind 15-25KTS, sea 2-3

Date _____ Load # 254 Start 1740 End 1810 Dump 2127

Weather Clear, wind 20-25KTS, sea 2-3'

H_2O Temp. Surface 76° Time _____ Below Mid Depth _____ Time _____

Port Draghead Ok Deflector _____

Star. Draghead _____ Deflector OK

Mid Loader:

Load# _____

Load# _____

Load# _____

Aft Loader:

wood + debris

Same

full of clay

Overflow Main _____ Overflow Port _____ Overflow Star. _____

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty A. Jackson

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel
30° 34.72' n 88° 01.68' w to 30° 33.77' n 88° 01.63' w

Date 10/19/03 Load # 255 Start 0017 End 0040 Dump 0359

Weather Clear, wind 10-20KTS, sea 1-2'

Date 10/19 03 Load # 256 Start 0654 End 0725 Dump 1027

Weather Same

Date 10/19/03 Load # 257 Start 1334 End 1359 Dump 1659

Weather Same

H2O Temp. Surface 76° Time _____ Below Mid Depth 75 Time _____

Port Draghead OK Deflector _____

Star. Draghead _____ Deflector OK

Mid Loader:	Aft Loader:
Load# 255	Packed w/ clay
Load# 256	"
Load# 257	wood + debris, blue crab

Overflow Main _____ Overflow Port _____ Overflow Star. _____

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty A. Jackson

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel
30° 34.72'N 88° 01.65'W TO 30° 33.77'N 88° 01.63'W

Date 10/19/03 Load # 258 Start 1949 End 2012 Dump 2231

Weather Clear, wind 10-20KTS, sea 1-2'

Date 10/20/03 Load # 259 Start 0210 End 0240 Dump 0551

Weather Same

Date 10/20/03 Load # 260 Start 0831 End 0857 Dump 1143

Weather Same

H2O Temp. Surface 76° Time _____ Below Mid Depth 75° Time _____

Port Draghead OK Deflector OK

Star. Draghead _____ Deflector _____

Mid Loader:	Aft Loader:
Load# 258	OK, wood + debris
Load# 259	wood + debris
Load# 260	Same

Overflow Main _____ Overflow Port _____ Overflow Star. _____

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty A. Jackson

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel
30° 34.72'n 88° 01.68'w to 30° 33.77'n 88° 01.63'w

Date 10/20/03 Load # 261 Start 1459 End 1525 Dump 1827

Weather clear, wind 10-20 kts, sea 1'

Date 10/20/03 Load # 262 Start 2117 End 2139 Dump 0047

Weather Same

Date 10/21/03 Load # 263 Start 0349 End 0412 Dump 0716

Weather clear + calm

H2O Temp. Surface 76 Time _____ Below Mid Depth 75 Time _____

Port Draghead _____ Deflector _____

Star. Draghead _____ Deflector _____

Mid Loader:	Aft Loader:
Load# 261	
	wood + debris
Load# 262	
	Same
Load# 263	
	Same

Overflow Main _____ Overflow Port _____ Overflow Star. _____

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty A. Jackson

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10/21/03 Load # 264 Start 1022 End 1047 Dump 1341

Weather Clear & Calm

Date 10/21/03 Load # 265 Start 1628 End 1720 Dump 2032

Weather Clear, wind 10-20kts, Sea 1'

Date 10/22/03 Load # 266 Start 2330 End 0020 Dump 0325

Weather Same

H2O Temp. Surface 76° Time _____ Below Mid Depth 75° Time _____

Port Draghead OK Deflector OK

Star. Draghead _____ Deflector _____

Mid Loader:

Load# 264 _____

Load# 265 _____

Load# 266 _____

Aft Loader:

wood & debris

same

same

Overflow Main _____ Overflow Port \ Overflow Star. \

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty A. Jackson

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10/22/03 Load # 267 Start 0610 End 0702 Dump 1009

Weather Clear, wind + sea calm

Date 10/22/03 Load # 268 Start 1245 End 1346 Dump 1615

Weather Same

Date 10/23/03 Load # 269 Start 1957 End 2051 Dump 0003

Weather clear, wind 10-20kts, seal'

H2O Temp. Surface 76° Time _____ Below Mid Depth 75° Time _____

Port Draghead OK Deflector OK

Star. Draghead _____ Deflector _____

Mid Loader:	Aft Loader:
Load# 267	wood + debris
Load# 268	same
Load# 269	same

Overflow Main _____ Overflow Port _____ Overflow Star. _____

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty A. Jackson

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10/23/03 Load # 270 Start 0303 End 0405 Dump 0710

Weather Clear, wind 15-20 kts, Sea 1'

Date 10/23/03 Load # 271 Start 1028 End 1104 Dump 1446

Weather Clear, wind + Sea Calm

Date 10/23/03 Load # 272 Start 1850 End 1957 Dump 2302

Weather

H2O Temp. Surface 76° Time Below Mid Depth 75° Time

Port Draghead Deflector

Star. Draghead OK Deflector OK

Mid Loader:	Aft Loader:
Load# 270	wood + debris
Load# 271	Same
Load#	Same

Overflow Main \ Overflow Port \ Overflow Star. \

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

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty

Endangered Species Observer Program

Dredge: m/v Stuyvesant

Project: Mobile, AL.

Location: Mobile Bay Shipping Channel

Date 10/24/03 Load # 273 Start 0204 End 0304 Dump 0615

Weather clear, wind 5KTS, sea 1'

Date 10/24/03 Load # 274 Start 1032 End 1135 Dump 1503

Weather clear - ¼ fog, wind calm, sea calm

Date _____ Load # _____ Start _____ End _____ Dump _____

Weather _____

H_2O Temp. Surface 76° Time _____ Below Mid Depth 75° Time _____

Port Draghead OK Deflector _____

Star. Draghead _____ Deflector OK

Mid Loader:

Load# 273

Load# 274

Load#

Aft Loader:

wood + debris

wood + debris

Overflow Main _____ Overflow Port _____ Overflow Star. _____

Are there incidents involving endangered or protected species? Yes No

Comments (endangered species obs, dredged material, biological obs, etc.)

Bridge Watch Summary

Species	# of Animals	Time / Location / Comments

Observers on duty A. Jackson