ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Island (NATCO)

5/27/94

Load# 80 Start 0912 End 1418 Dump 1515

Location 36° - 98° Red grn

Conditions Clear, winds NNW 15-20 kts, seas 4-6ft, Tide flood / ebb

Port Skimmer (see comments below)

Stbd Skimmer

Port Draghead TED:

Stbd Draghead TED:

Port Lat. Screen

Stbd Lat. Screen

Port Dis. Box - Fore

Port Dis. Box - Aft

Stbd Dis. Box - Fore

Stbd Dis. Box - Aft

Comments: Observer working 6-12 watch. Checked discharge boxes (forward stbd & port only ones functioning at this time) before going off watch. Both boxes contained h'shoe crabs and whelks.

Mate & dragtender report seeing what they believed was a dead sea turtle floating in the water when returning from the dump - they said that it was not whole.

Observer(s) On Duty:

Lisa Conger

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Sugar [redacted]d (NATCO)

5/27/94

Load# 81 Start 1626 End 2022 Dump 2125

Location stations 36+ – 98+ R:G

Conditions clear, winds NNW 15 Kts, seas 3-5 ft, temp 70° Tide ebb

Port Skimmer clean

Stbd Skimmer clean

Port Draghead clean TED: NA

Stbd Draghead rope TED: NA

Port Lat. Screen blue crabs, trash

Stbd Lat. Screen clean

Port Dis. Box - Fore 1 skate, 4 h'shoe crabs, wood debris, trash

Port Dis. Box - Aft Not functioning at this time

Stbd Dis. Box - Fore 3 skates, 4 h'shoe crabs, whelks

Stbd Dis. Box - Aft 2 skates, 3 h'shoe crabs, wood debris, 1 blue crab

Comments: Hydraulic doors on discharge boxes are working well. Observer is able to operate them alone (the hydraulics on the port aft box are not hooked up yet – therefore, they are not loading through that box).

Observer(s) On Duty: Conger

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Dodge Island (NATCO)
5/28/94

Load# 83 Start 0411 End 0847 Dump 0940

Location stations 36+00 - 98+00 R&G (between buoys 5-7 Chesapeake channel)

Conditions clear, winds SW 5Kts, seas 1', temp. 60°, sea temp. 62° Tide ebb / low

Port Skimmer Clean

Stbd Skimmer Clean

Port Draghead Clean TED: NA

Stbd Draghead probable sea turtle parts TED: NA

Port Lat. Screen whelk egg casings, trash, h'shoe crabs

Stbd Lat. Screen croaker, whelk egg casings, h'shoe crab parts

Port Dis. Box - Fore h'shoe crabs 8-10, barndoor skates 5-7, whelks, rock

Port Dis. Box - Aft NA flounder(1), whelks

Stbd Dis. Box - Fore h'shoe crabs (10-12), barndoor skates (8-10), spidercrabs (4-6)

Stbd Dis. Box - Aft h'shoe crabs (6-8), barndoor skates (6-8), spidercrabs (6-8), whelks, rock

Comments: Observer examined contents of discharge boxes extremely carefully. No other possible turtle parts were found. The sample taken from the starboard draghead was double bagged and put in the captain's freezer until it can be sent to a lab for verification. The sample has skin that is very 'turtle-like' and some bone and cartilage. The exposed breaks in the cartilage as well as the skin appear relatively fresh. The rest of the sample is so inundated with mud and sand that it is impossible for observer to discern which body parts they might be.

Observer(s) On Duty: Conger

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Dodge Island (NATCO)
5/28/94

Load# 84 Start 1040 End 1629 Dump 1730

Location stations 36+00 - 98+00 (btwn buoys 5 & 7 - Chesapeake channel)

Conditions Clear, winds SW 5-10Kts, seas 1'-3', temp. 72° Tide flood

Port Skimmer clean

Stbd Skimmer Clean

Port Draghead Clean TED: NA

Stbd Draghead wood debris TED: NA

Port Lat. Screen h'shoe crabs, vegetation

Stbd Lat. Screen h'shoe crabs, spider crabs, hogchoker, vegetation

Port Dis. Box - Fore barndoor skates, h'shoe crabs, whelks, trash

Port Dis. Box - Aft NA

Stbd Dis. Box - Fore barndoor skates, h'shoe crabs, spider crabs, whelks

Stbd Dis. Box - Aft h'shoe crabs, whelks, trash

Comments: Observer not always on watch, but was able to examine discharge boxes and overflow screening for possible turtle parts - none were found.

Observer(s) On Duty:

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Dodge~~ Island (NATCO)
5/28/94

Load# 85 Start 1820 End 0045 Dump 0048

Location stations 36+00 - 96+00 (btwn buoys 5 + 7 - Chesapeake channel)

Conditions Clear, winds S-ly 10 Kts, seas 2-4 ft., temp. 64° Tide

Port Skimmer

Stbd Skimmer

Port Draghead TED:

Stbd Draghead TED:

Port Lat. Screen

Stbd Lat. Screen

Port Dis. Box - Fore

Port Dis. Box - Aft

Stbd Dis. Box - Fore

Stbd Dis. Box - Aft

Comments:

Load not finished when observer went off watch. Checked discharge boxes visually from catwalk before going below which - very little sample, no sign of turtle.

Observer(s) On Duty: Conger

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Island (NATCO)
5/29/94

Load# 86 Start 0238 End 0906 Dump 1000

Location Stations 36+00 - 48+00 (between [illegible] 517 Chesapeake [illegible])

Conditions Clear, [illegible] variable, [illegible], temp. 74° Tide [illegible]
H_2O temp. 65° [illegible]

Port Skimmer Clear

Stbd Skimmer [illegible] crabs (10), spider [illegible]

Port Draghead Clear TED: [illegible]

Stbd Draghead Clear TED: NA

Port Lat. Screen [illegible], flame crabs, vegetation

Stbd Lat. Screen whelk, [illegible] casings, [illegible] crabs, vegetation red worms, trash

Port Dis. Box - Fore clean (see comments)

Port Dis. Box - Aft NA

Stbd Dis. Box - Fore h'shoe crabs (6), spider crabs (5), [illegible], flame crabs

Stbd Dis. Box - Aft h'shoe crabs (8-10) spider crabs (6-8) whelks, trash

Comments: The doors on the front of the discharge boxes are being pushed [illegible] water pressure. The chief engineer was informed, and is making some [illegible] to hold the doors [illegible].

Observer(s) On Duty: Conger

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge __ Island (NATCO)

5/29/94

Load# 88 Start 1658 End 2044 Dump

Location stations 36+00 - 98+00 (btwn buoys 5 & 7 Chesapeake Channel)

Conditions clear, winds SSE 10-15 kts, seas 2-4', temp. Tide high/ebb

Port Skimmer clean

Stbd Skimmer spider crab

Port Draghead heavy chain TED: NA

Stbd Draghead fish net TED: NA

Port Lat. Screen whelk egg casings, vegetation,

Stbd Lat. Screen vegetation

Port Dis. Box - Fore bannor skates (5), h'shoe crabs (6-10) whelks

Port Dis. Box - Aft whelks, bannor skates (2)

Stbd Dis. Box - Fore bannor skates (5), h'shoe crabs 6-8, blue crabs 6-8, whelks

Stbd Dis. Box - Aft h'shoe crabs (6-8), whelks, wood debris

Comments: Port aft box is now operational. The chief engineer constructed pins for the door hooks. They now stay closed tightly around the load.

Observer(s) On Duty: Conger

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge _____ Island (NATCO)

5/30/94

Load# 90 Start 0448 End 0852 Dump [illegible]

Location stations 36+00 - 98+00 (btwn buoys 5 & 7 Chesapeake Channel

Conditions sea [illegible] clouds, winds calm, seas calm, temp. 74° Tide _____

H_2O temp. 64° flood/high

Port Skimmer clean

Stbd Skimmer clean

Port Draghead clean TED: NA

Stbd Draghead clean TED: NA

Port Lat. Screen whelk egg casings, flame crabs, h'shoe crabs

Stbd Lat. Screen h'shoe crabs, flame crabs, spider crabs, whelk egg casings, vegetation, trash

Port Dis. Box - Fore barndoor skates (4), h'shoe crabs (6-8), spider crabs (2-4), whelks

Port Dis. Box - Aft h'shoe crabs (4-6), spider crabs (6), barndoor skates (6), whelks

Stbd Dis. Box - Fore h'shoe crabs (5-7), barndoor skates [illegible], whelks

Stbd Dis. Box - Aft h'shoe crabs (6-8), spider [illegible] (4-6), barndoor skates (5), whelks

Comments:

[illegible] - 7-10 [illegible]

[illegible] 5 [illegible] near dumping

Observer(s) On Duty: Corner

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Island (NATCO)

5/30/94

Load# 92 Start 1617 End 2014 Dump 2110

Location down buoys 5 and 7 - Chesapeake Channel

Conditions scattered clouds, wind SE 10-15 Kts, seas 1-3', temp. 70° Tide CCb

Port Skimmer flounder

Stbd Skimmer clean

Port Draghead clean TED: NA

Stbd Draghead clean TED: NA

Port Lat. Screen h'shoe crabs, whelk egg casings, hog choker, vegetation

Stbd Lat. Screen h'shoe crabs, flame crabs, whelk egg casings, vegetation

Port Dis. Box - Fore barndoor skates 4-6, whelks, h'shoe crabs, trash

Port Dis. Box - Aft barndoor skates 4-6, h'shoe crabs, whelks,

Stbd Dis. Box - Fore barndoor skates 6-8, whelks, whelk egg casings, trash

Stbd Dis. Box - Aft barndoor skates 4-6, h'shoe crabs, whelks,

Comments:

Digging fine sand - all screening is in good working condition.

Observer(s) On Duty: Conner

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Island (NATCO)

5/31/94

Load# 94 Start 0514 End 1000 Dump 1100

Location btwn. buoys 5 & 7 Chesapeake Channel

Conditions Cloudy, overcast, w. bls S-ly 5Kts, seas 1'-3', temp. 74° Tide

bay H_2O temp. 65° high ebb

Port Skimmer Clean

Stbd Skimmer Clean

Port Draghead Clean TED: NA

Stbd Draghead Clean TED: NA

Port Lat. Screen h'shoe crabs, flame crabs, vegetation.

Stbd Lat. Screen hogchokers, flounder, spider crabs, h'shoe crabs, vegetation

Port Dis. Box - Fore barndoor skates (4-6), whelks, flame crabs

Port Dis. Box - Aft whelks, h'shoe crabs (5-7)

Stbd Dis. Box - Fore Atlantic angel shark, barndoor skates (5), spider crabs, whelks

Stbd Dis. Box - Aft barndoor skates (6-8), h'shoe crabs (2-4), spider crabs

Comments: Angel shark was an interesting specimen. It measured 2.5 ft. All screening in good shape. Observer made minor repairs to [illegible] screening.

0730 - 4-6 [illegible]

Observer(s) On Duty: Conger

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ___ Island (NATCO)
5/31/94

Load# 95 Start 1155 End 1716 Dump 1815
Location btwn buoys 5 & 7 - Chesapeake Channel
Conditions PC - light rain, wind SSE 5-10 kts, seas 2', temp. 72° Tide high/ebb

Port Skimmer Clean
Stbd Skimmer clean
Port Draghead clean TED: NA
Stbd Draghead clean TED: NA
Port Lat. Screen flounder, h'shoe crabs parts, vegetation

Stbd Lat. Screen flame crabs, h'shoe crab parts, whelk egg casings, veg.

Port Dis. Box - Fore barndoor skates (4), spider crabs, whelks
Port Dis. Box - Aft barndoor skates (4-6), h'shoe crabs (5), whelks
Stbd Dis. Box - Fore h'shoe crabs (6-8), spider crabs (6-8), wood debris
Stbd Dis. Box - Aft barndoor skates (3-4), h'shoe crabs (8-10), whelks
Comments: Digging fine sand

No sightings from wave watch

Observer(s) On Duty: Conger

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Island (NATCO)

6/1/94

Load# 97 Start 0041 End 0501 Dump 0600

Location between buoys 5-7 - Chesapeake channel

Conditions PC, winds calm, seas 1', temp. 70° Tide high/ebb

Port Skimmer clean

Stbd Skimmer spider crabs, flounder

Port Draghead clean TED: NA

Stbd Draghead clean TED: NA

Port Lat. Screen hogchoker, whelk egg casings, vegetation

Stbd Lat. Screen flame crabs, whelk egg casings, vegetation, trash

Port Dis. Box - Fore h'shoe crabs(6-8), spider crabs(6-8), whelks, flame crabs(6-10) skates(56)

Port Dis. Box - Aft h'shoe crabs, (4-6), whelks, flame crabs(8-10), barndoor skates(6)

Stbd Dis. Box - Fore h'shoe crabs(10-12), spider crabs(8-10), trash, barndoor skates(4)

Stbd Dis. Box - Aft h'shoe crabs(6-8), whelks, rock, wood debris, barndoor skates(3

Comments: still digging fine sand. All screening is in good condition - boxes are working well.

2 TT sighted on return trip from dump site.

Observer(s) On Duty: Conner

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Island (NATCO)

6/1/94

Load# 98 Start 0703 End 1141 Dump

Location between buoys 5-7 - Chesapeake Channel

Conditions hazy, winds SW 5-10 Kts, seas 2-4', temp. 81° Tide
Bay H2O temp. 69° ebb

Port Skimmer Clean

Stbd Skimmer clean

Port Draghead heavy chain TED: NA

Stbd Draghead rope TED: NA

Port Lat. Screen

Stbd Lat. Screen

Port Dis. Box - Fore h'shoe crabs (3)

Port Dis. Box - Aft whelks

Stbd Dis. Box - Fore barndoor skates (3), h'shoe crabs (4), whelks

Stbd Dis. Box - Aft barndoor skates (4), h'shoe crabs (2), trash

Comments:
Still digging fine sand.

2 TT seen en route to dump.

Observer(s) On Duty: Conger

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Island (NATCO)

6/1/94

Load# 99 Start 1341 End 1809 Dump 1902

Location buoys 5-7 - Chesapeake Channel

Conditions hazy, winds SW 10-15, seas 2-4', temp. 80° Tide ebb/low

Port Skimmer wood debris

Stbd Skimmer flounder

Port Draghead clean TED: NA

Stbd Draghead clean TED: NA

Port Lat. Screen whelk egg casings, h'shoe crabs, oystershell, flame crabs, vegetation

Stbd Lat. Screen hogchokers, whelk egg casings, h'shoe crabs, vegetation, trash

Port Dis. Box - Fore barndoor skate, whelks

Port Dis. Box - Aft whelks, wood debris

Stbd Dis. Box - Fore barndoor skates (4), whelks, h'shoe crabs (3)

Stbd Dis. Box - Aft barndoor skates (4-5), h'shoe crabs, whelks, whelk egg casings, flounder

Comments:

Digging very fine sand.

Observer(s) On Duty: Conger

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Island (NATCO)

6/1/94

Load# 100 Start 2008 End 2306 Dump 2357

Location between buoys 5-7 - [illegible]

Conditions PC w/ light rain, winds [illegible] 76° Tide [illegible]

Port Skimmer clear

Stbd Skimmer clear

Port Draghead clear TED: NA

Stbd Draghead clear TED: NA

Port Lat. Screen inshore crabs, flounder crabs, [illegible]

Stbd Lat. Screen inshore crabs, [illegible], vegetation

Port Dis. Box - Fore barndoor skates (7), whelks

Port Dis. Box - Aft inshore crabs 3, whelks

Stbd Dis. Box - Fore barndoor skates (6-7), inshore crabs, spider crabs, whelks

Stbd Dis. Box - Aft Atlantic angel shark, barndoor skates (3-4), inshore crabs 4-5

Comments: [illegible]

Observer(s) On Duty: Conger

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Sugar Island (NATCO)
6/2/94

Load# 102 Start 0608 End 0846 Dump 0935
Location Stations 40+00 - 98+00 btwn 5 & 7 - Chesapeake Channel
Conditions Cloudy & clearing, winds NNW 5kts, seas 2'-3', temp. 74° Tide high / ebb

Port Skimmer Clean
Stbd Skimmer Clean
Port Draghead tire TED: NA
Stbd Draghead metal scrap TED: NA
Port Lat. Screen whelk egg casing, h'shoe crabs, flame crabs, vegetation
Stbd Lat. Screen h'shoe crabs, flame crabs, vegetation, trash
Port Dis. Box - Fore whelks, barndoor skate
Port Dis. Box - Aft whelks, wood debris
Stbd Dis. Box - Fore smooth dogfish(1), h'shoe crabs(4), brndr skates(3)
Stbd Dis. Box - Aft brndr skates(3), h'shoe crabs(2), whelk egg casings.
Comments:
Port aft discharge box had leakage in hydraulic lines. Watch engineer partially repaired it — the door works, however, still has a small leak.

Observer(s) On Duty: Conyer

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia +105
Dredge Sugar Island (NATCO)

6/2/94

Load# 104 Start 1542 End 1840 Dump 1935

Location stations 40+00 - 98+00 btwn buoys 5 & 7 - Chesapeake Channel

Conditions scattered clouds, winds NNW 5-10kts, seas 2'-4', 76° Tide
bay H2O temp 69° ebb / low

Port Skimmer flounder, trash

Stbd Skimmer Clean

Port Draghead Clean TED: NA

Stbd Draghead Clean TED: NA

Port Lat. Screen whelk egg casings, h'shoe crabs

Stbd Lat. Screen h'shoe crabs, flame crabs, whelk egg casings, trash

Port Dis. Box - Fore whelks

Port Dis. Box - Aft whelks, wood debris

Stbd Dis. Box - Fore barndoor skates (3), h'shoe crabs (4-5), whelks

Stbd Dis. Box - Aft barndoor skates (4), h'shoe crabs (4), flame crabs, whelks,

Comments: trash, whelk egg casings

- Hydraulic leak fixed on port aft box

- no sightings

Observer(s) On Duty: Conger

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Sugar Island (NATCO)
6/2/94

Load# 105 Start 2037 End 2329 Dump 0031

Location stations 40+00 → 98+00 between buoys 5 & 7 - Chesapeake Channel

Conditions PC, winds NW 10-15 kts, seas 2-4', temp. 71° Tide flood

Port Skimmer flounder

Stbd Skimmer clean

Port Draghead clean TED: NA

Stbd Draghead clean TED: NA

Port Lat. Screen whelk egg casings, h'shoe crabs, vegetation

Stbd Lat. Screen h'shoe crabs, hogchoker, trash

Port Dis. Box - Fore h'shoe crabs (3), whelks, trash

Port Dis. Box - Aft whelks, wood debris

Stbd Dis. Box - Fore barndoor skates (3) h'shoe crabs (3), whelks, trash

Stbd Dis. Box - Aft barndoor skates (2), h'shoe crabs (6), whelks, flounder

Comments:
After cleaning the discharge boxes - observer left them open. This is the last load that observer will monitor for this seven day period.

Observer(s) On Duty: Conger

H1 LO
0930 0334
20-05 1524

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/10/94

Load# 135 Start 0638 End 0918 Dump 1014

Location STATIONS 55-90

Conditions HAZY, SEA BEAU. 1, WIND NE 5-10 KTS; AIR 72° Tide FLOOD
H_2O 72°

Port Skimmer FLOUNDER, SKATE

Stbd Skimmer 2 WHELKS, 1 RAY, 1 HORSESHOE CRAB

Port Draghead METAL SCREEN TED: NA

Stbd Draghead HEAVY LINE, METAL BAR TED: NA

Port Lat. Screen WHELK EGG CASES, HORSESHOE & BLUE CRAB PARTS, MUD, VEGETATIVE DEBRIS

Stbd Lat. Screen SAME AS ABOVE

Port Dis. Box - Fore SKATES, HORSHOE & BLUE CRABS, ROCKS

Port Dis. Box - Aft 4 RAY/SKATES, TRASH, HORSHOE & BLUE CRABS

Stbd Dis. Box - Fore UNID. 9" FISH, RAYS, CRABS

Stbd Dis. Box - Aft 9 RAY/SKATES, 4 HORSHOE CRABS, ROCKS, TRASH, WHELKS

Comments: THIS IS FIRST LOAD CHECKED BY AN OBSERVER IN A WEEK.

** NO INCIDENT **

CREW SAYS INFLOW BOXES WERE LAST CLEANED 24 HRS. AGO (DEBRIS IN BOXES HAS ACCUMULATED SINCE THEN)

MATERIAL IS HEAVY, DARK GRAY SAND

DREDGE WORKING "CLEAN-UP" OF THIS SECTION OF CHANNEL; MANY CUTS

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/10/94

Load# 136 Start 1119 End _____ Dump _____

Location STATIONS 42-98 ; NEAR BELL 7/6

Conditions CLEAR W/HAZE ; SEA BEAU. 1 ; WIND CALM ; AIR 75° Tide HI/EBB

Port Skimmer _____

Stbd Skimmer _____

Port Draghead _____ TED: N/A

Stbd Draghead _____ TED: N/A

Port Lat. Screen _____

Stbd Lat. Screen _____

Port Dis. Box - Fore _____

Port Dis. Box - Aft _____

Stbd Dis. Box - Fore _____

Stbd Dis. Box - Aft _____

Comments: THIS LOAD CYCLE NOT COMPLETED DURING OBSERVER'S WATCH.

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Sugar Island (NATCO)

6/10/94

Load# 137 Start 1800 End 1944 Dump 2044

Location STATIONS 72 - 99

Conditions OVERCAST; SEA BEAU. 3; WIND E 10-15 KTS; AIR 72° Tide EBB

Port Skimmer 2 horseshoe crabs

Stbd Skimmer 6 horseshoe crabs; 5 spider crabs; 2 blue crabs

Port Draghead metal debris TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen Ø

Stbd Lat. Screen Ø

Port Dis. Box - Fore 4 horseshoe crabs, whelks, rocks,

Port Dis. Box - Aft 6 horseshoe crabs; spider crab; 3 skates; whelks;

Stbd Dis. Box - Fore 2 horseshoe crabs

Stbd Dis. Box - Aft 6 horseshoe crabs; 4 spider crabs; sea squirt;

Comments: ON WATCH 17:45

NO INCIDENT

rocks
metal debris

rocks
tire pieces
wood

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ BODGE Island (NATCO)

6/10/94

Load# 138 Start 2145 End 0112 Dump 0218

Location 72 → 99

Conditions _____ Tide HI/EBB

Port Skimmer _____

Stbd Skimmer _____

Port Draghead _____ TED: _____

Stbd Draghead _____ TED: _____

Port Lat. Screen _____

Stbd Lat. Screen _____

Port Dis. Box - Fore _____

Port Dis. Box - Aft _____

Stbd Dis. Box - Fore _____

Stbd Dis. Box - Aft _____

Comments: OFF WATCH 23:50
LOAD CYCLE NOT COMPLETED DURING
OBSERVER'S WATCH

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/11/94

Load# 139 Start 0416 End 0626 Dump 0721

Location 72-99, near red #6

Conditions OVERCAST; BEAU. 2; WIND SE 10KTS; AIR 70° Tide FLOOD

Port Skimmer horseshoe crab

Stbd Skimmer Ø

Port Draghead Ø TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen 0

Stbd Lat. Screen 0

Port Dis. Box - Fore 4 h.shoe crabs; 3 cl.nose skates; 2 blue crabs; whelks rocks flounder

Port Dis. Box - Aft 2 h.shoe crabs, 2 cl.nose skates; blue crab; whelks rocks

Stbd Dis. Box - Fore 2 horseshoe crabs; 2 clearnose skates; whelk egg case blue crab rocks

Stbd Dis. Box - Aft 7 horseshoe crabs; 5 clearnose skates; spider crab; blue crab; whelks; rocks; flounder; wood

Comments: ON WATCH 05:45

MUCH FAUNA

flounders tentatively identified as windowpanes 9"-12"; many dark brown spots; pec. fin present

NO INCIDENT

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/11/94

Load# 140 Start 0819 End 1110 Dump 1207

Location STATIONS 42-98 / between Gr. #5 & Rcd #6

Conditions OVERCAST; BEAU 2; WIND NE 5 10KTS; AIR 70° Tide FLOOD

Port Skimmer Ø

Stbd Skimmer 2 windowpane flounder; 2 horseshoe crabs

Port Draghead Ø TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen Ø

Stbd Lat. Screen Ø

Port Dis. Box - Fore 2 horseshoe crabs; 2 cl. nose skates; rocks; whelk shells

Port Dis. Box - Aft 2 horseshoe crabs; large ammunition shell

Stbd Dis. Box - Fore 2 horseshoe crabs; cl. nose skate; live whelks; window* pane

Stbd Dis. Box - Aft 6 horseshoe crabs spotted whiff flounder; 6 live whelks; whelk shells; rocks; 1 cl. nose skate; blue crab; spider crab

Comments:

0956 STORM PETREL

NO INCIDENT

OFF-WATCH 12:30

*positively id'd

Observer(s) On Duty: OLSON

GENTLY WITH TIDES

MICHAEL FRANKEL

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ Dodge Island (NATCO)

6/11/94

Load# 142 Start 1834 End 2155 Dump 2300

Location 72-99 Red

Conditions OVERCAST; BEAU 3; WIND NE 15+ KTS; MR 72° Tide FLOOD
HW 071°

Port Skimmer whelk

Stbd Skimmer 3 spider crabs; 2 blue crabs; 2 horseshoe crabs

Port Draghead big TED: N/A

Stbd Draghead rock TED: N/A

Port Lat. Screen Ø

Stbd Lat. Screen Ø

Port Dis. Box - Fore 2 horseshoe crabs; 3 clearnose skates; live whelks; rocks

Port Dis. Box - Aft rocks

Stbd Dis. Box - Fore 2 horseshoe crabs; 2 clnose skates; spider crab

Stbd Dis. Box - Aft 2 horseshoe crabs; 6 clearnose skates; 2 spider crabs; blue crab; rocks; live whelks

Comments:

NO INCIDENT

ON WATCH 1755

OFF WATCH 2355

Observer(s) On Duty: P. OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ Island (NATCO)

6/12/94

Load# 144 Start 0616 End 0948 Dump 1050
Location 72-98 & 72-150 (Red side)
Conditions OVERCAST; BEAU. 1; WIND E <5KTS.; AIR 71° Tide FLOOD

Port Skimmer horseshoe crab, flounder
Stbd Skimmer 2 horseshoe crabs, cleanose skate
Port Draghead wire TED: N/A
Stbd Draghead metal strap TED: N/A
Port Lat. Screen whelk egg cases

Stbd Lat. Screen

Port Dis. Box - Fore 24" unid. fish; 3 horseshoe crabs, WHELK EGG CASES, 2 cl. nose skates, ROCKS
Port Dis. Box - Aft cl. nose skate; rocks
Stbd Dis. Box - Fore 2 horseshoe crabs; cl. nose skate, WORMS, 4 spider crabs, LIVE WHELKS, ROCKS, 4 snails
Stbd Dis. Box - Aft 2 horseshoe crabs; 2 cl. nose skates; ~15 live whelks; 4 spider crabs 2 blue crabs 2 snails rocks whelk egg cases
Comments:

NO INCIDENT

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ HODGE Island (NATCO)

6/12/94

Load# 146 Start 1545 End 2030 Dump 2030

Location STATIONS 72-150 ; Red side

Conditions CLEAR, BEAU, 3, WIND ESE 15 KTS., AIR 78° Tide FLOOD

Port Skimmer Ø

Stbd Skimmer 4 clearnose skates, blue crab

Port Draghead Ø TED: N/A

Stbd Draghead live TED: N/A

Port Lat. Screen Ø

Stbd Lat. Screen Ø

Port Dis. Box - Fore 2 horseshoe crabs, live whelks, rocks

Port Dis. Box - Aft live whelks, rocks

Stbd Dis. Box - Fore 1 horseshoe crab, 2 cl. nose skates, HOGCHOKER live snails, spider crab, live whelks,

Stbd Dis. Box - Aft 5 horseshoe crabs, 7 cl. nose skates, ~20 live whelks, rocks

Comments: DIGGING NEW AREA, FURTHER OUT IN CHANNEL

19:40 8-12 TT in channel, possibly feeding

NO INCIDENT

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ Dodge Island (NATCO)

6/13/94

Load# 148 Start 1734 End 2009 Dump 2106

Location stations 98-150

Conditions CLEAR W/HAZE; BEAU. 3; WIND E 15 KTS; AIR 77° Tide FLOOD

Port Skimmer 2 horseshoe crabs; 1 clearnose skate

Stbd Skimmer 4 horseshoe crabs; 4 clearnose skates

Port Draghead [illegible] TED: N/A

Stbd Draghead line TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore 2 horseshoe crabs, 5 clearnose skates, 2 windowpanes; 5 snails 20 whelks; rocks

Port Dis. Box - Aft 2 horseshoe crabs; 1 clearnose skate; 6 whelks; rocks

Stbd Dis. Box - Fore 2 horseshoe crabs; 20 whelks; 2 blue crabs; rocks; 5 snails whelk egg cases; rocks

Stbd Dis. Box - Aft 3 horseshoe crabs; windowpane; hogchoker; 30 whelks 2 blue crabs; spider crab

Comments:

6/3 0540 4-6 Tt on way back from dump
FUEL DAY - RESUMED DIGGING 1734

LATERAL SCREENING REMOVED WHILE FUELING

20:08 4-6 Tt at dig site

NO INCIDENT

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/14/94

Load# 150 Start 0447 End 0745 Dump 0840

Location 98-150

Conditions HAZY; BEAU 1; WIND 5 <5 KTS; A.T. 73° Tide LOW/FLOOD

Port Skimmer 8 HORSESHOE CRABS; 1 CLEARNOSE SKATE; 2 UNID. FISH; 2 WHELKS; WHELK EGG CASE

Stbd Skimmer 29 H-SHOE CRABS; 16 CL-NOSE SKATES; 5 SPIDER CRABS; 3 BLUE CRABS; 2 FLOUNDER

Port Draghead Ø TED: N/A

Stbd Draghead WHELK TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

~~Port~~ STBD Dis. Box - Fore 5 H-SHOE CRABS; 5 CL-NOSE SKATES; ~6 SNAILS; ~20 WHELKS

~~Port~~ STBD Dis. Box - Aft 12 H-SHOE CRABS; 16 CL-NOSE SKATES; SPIDER CRAB; ~20 WHELKS; 3-4' ANGEL SHARK

~~Stbd~~ PORT Dis. Box - Fore 6 H-SHOE CRABS; 3 CL-NOSE SKATES; ~20 OLIVE WHELKS; ~4 SNAILS; ROCKS

~~Stbd~~ PORT Dis. Box - Aft 2 H-SHOE CRABS; 2 CL-NOSE SKATES; ROCKS

Comments:

NO INCIDENT

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/14/94

Load# 151 Start 0948 End 1332 Dump 1436

Location 98-150 between # 9 & 10

Conditions CLEAR W/HAZE, BEAU 1, WINDS <5 KTS, AIR 82° Tide FLOOD

Port Skimmer

Stbd Skimmer

Port Draghead TED: N/A

Stbd Draghead TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore

Port Dis. Box - Aft

Stbd Dis. Box - Fore

Stbd Dis. Box - Aft

Comments:

12:15 UNID TURTLE SEEN BRIEFLY AT SURFACE (DIVE QUICKLY) 50M OFF PORT BEAM AT DIG SITE

OFF WATCH 12:30 - LOAD NOT DUMPED THIS WATCH

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/14/94

Load# 152 Start 1540 End 1823 Dump 1918

Location stations 98 - 150

Conditions CLEAR W/HAZE; BEAU. 3; WIND SE 10-12 KTS; AIR 78° Tide EBB

H2O 69°

Port Skimmer 3 windowpane flounder; 1 clearnose skate

Stbd Skimmer 1 whelk

Port Draghead wire TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore 2.5' ANGEL SHARK 3 H shoe crabs, 1 cl-nose skates, 20 whelks, wood, rocks

Port Dis. Box - Aft 2 H-shoe crabs 2 cl-nose skates, wood, rocks

Stbd Dis. Box - Fore 1 H-shoecrab, 3 cl-nose skates, ~4 snails, 8 whelks, wood

Stbd Dis. Box - Aft 8 H-shoe crabs, 9 cl-nose skates, spider crab, 5 snails, sea cucumber, 20 whelks

Comments:

NO INCIDENT

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DIDGE Island (NATCO)

6/14/94

Load# 153 Start 2029 End 2316 Dump 0023

Location stations 98-150

Conditions HAZY; BEAU. 2, WIND S 5-10KTS; AIR 77° Tide FLOOD

~~Port~~ STBD Skimmer 2 HORSHOE CRABS; SPIDER CRAB

~~Stbd~~ PORT Skimmer CLEARNOSE RAY

Port Draghead N/A TED: N/A

Stbd Draghead N/A TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore 6 H-SHOE CRABS, 3 CL-NOSE SKATES, ~20 WHELKS; SPIDER CRAB, WOOD, ~10 SNAILS,

Port Dis. Box - Aft H-SHOE CRAB; ROCKS

Stbd Dis. Box - Fore 4 H-SHOE CRABS, 1 CL-NOSE SKATE, BLUE CRAB; ~6 SNAILS; WOOD, SPIDER CRAB;

Stbd Dis. Box - Aft 10 H-SHOE CRABS, 5 CL-NOSE SKATES; 20 WHELKS; ROCKS

Comments:

NO INCIDENT

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/15/94

Load# 154 Start 0123 End 0505 Dump 0601

Location Stations 98-150

Conditions _____ Tide LIGHT

Port Skimmer 0

Stbd Skimmer 0

Port Draghead _____ TED: N/A

Stbd Draghead WOOD TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore *

Port Dis. Box - Aft *

Stbd Dis. Box - Fore *

Stbd Dis. Box - Aft *

Comments: * [illegible] BOXES [illegible] BEFORE [illegible]
DUMPED & [illegible] BOXES NO TURTLE PARTS
VISIBLE

NO INCIDENT

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/15/94

Load# 155 Start 0714 End 1004 Dump 1115

Location 98-150 (between 9 & 10)

Conditions CLEAR W/HAZE, BEAU 1, WIND S < 5 KTS., AIR 80° Tide FLOOD

Port Skimmer Ø

Stbd Skimmer Ø

Port Draghead Ø TED: N/A

* Stbd Draghead LOGGERHEAD TURTLE * TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore 4 H SHOE CRABS, 2 CL-NOSE SKATES, WOOD, 20 WHEELS

Port Dis. Box - Aft HORSE SHOE CRAB

Stbd Dis. Box - Fore 1 HO-SHOE CRAB, 2 CL NOSE SKATES, TURTLE SHELL PIECES, SPIDER CRAB, 10 WHEELS

Stbd Dis. Box - Aft 5 H SHOE CRABS, 4 CL-NOSE SKATES, TURTLE SHELL & PLASTRON PIECES, BLUE CRAB 20 WHEELS

Comments: 0943 3-6 77 at dig site
0945 200M off port beam.
dead sea turtle floating at surface
~3', bloated, grayish & deteriorate condition
unidentified to species
but definately hardshell
whole turtle - intact

Observer(s) On Duty: OLSON

508 281-9133
Kim Thoonhurst

[illegible]

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/15/94

Load# 156 Start 1236 End 1648 Dump 1746

Location Stations 98 - 150

Conditions _____ Tide _____

Port Skimmer Ø

Stbd Skimmer _____

Port Draghead TIRE TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore X

Port Dis. Box - Aft X

Stbd Dis. Box - Fore X

Stbd Dis. Box - Aft X

Comments: * OFF-WATCH BUT
CHECKED BOXES VISUALLY BEFORE DUMP
NO TURTLE PARTS VISIBLE

NO INCIDENT

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DELTA Island (NATCO)

6/15/94

Load# 157 Start 1930 End 2330 Dump 0027

Location stations 98-150

Conditions Hazy, Beau 2, WIND SE 5-10 KTS, AIR 80° H2O 69° Tide FLOOD

Port Skimmer Ø

Stbd Skimmer 2 windowpane flounder

Port Draghead N/A TED: N/A

Stbd Draghead N/A TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore horseshoe crabs, clearnose skates, blue crabs, spider crabs, live whelks

Port Dis. Box - Aft "

Stbd Dis. Box - Fore "

Stbd Dis. Box - Aft "

Comments: NO INCIDENT

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DOLPHIN Island (NATCO)

6/16/94

Load# 158 Start 0128 End 0510 Dump 0631

Location Stations 95-150

Conditions _____ Tide EBB

Port Skimmer 0

Stbd Skimmer 0

Port Draghead 0 TED: N/A

Stbd Draghead 0 TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore hogchoker horseshoe crabs; clearnose skate; spider crabs; lizard fish

Port Dis. Box - Aft " " "

Stbd Dis. Box - Fore " " "

Stbd Dis. Box - Aft " " "

Comments: NO INCIDENT

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/16/94

Load# 159 Start 0738 End 1106 Dump 1202

Location Stations 98 - 150

Conditions OVERCAST, BEAU. 1; WIND E <5KTS; AIR 78° Tide LOW/FLOOD

Port Skimmer Ø

Stbd Skimmer Ø

Port Draghead WOOD TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore Ø

Port Dis. Box - Aft 1 H-SHOE CRAB; 1 CL-NOSE SKATE; ~4 LIVE SNAILS

Stbd Dis. Box - Fore 2 H-SHOE CRABS; 2 CL-NOSE SKATES; ~5 WHELKS

Stbd Dis. Box - Aft 2 H SHOE CRAB; 2 CL NOSE SKATES; 2½' ANGEL SHARK; ~10 WHELKS

Comments: LIGHT LOAD
NO INCIDENT

SPIDERCRAB
WHELKEGG
ASL
WOOD
CANNONBALL

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ BODGE Island (NATCO)

6/16/94

Load# 160 Start 1304 End 1800 Dump 1858

Location Stations 98-150

Conditions HAZY, BEAU. α, WIND E 5 KTS; AIR 84° Tide EBB

Port Skimmer Ø

Stbd Skimmer Ø

Port Draghead WOOD TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - ~~Fore~~ AFT 1 HORSHOE CRAB

Port Dis. Box - ~~Aft~~ FORE 2 H-SHOE, 1 CLEARNOSE, 2 SNAILS

Stbd Dis. Box - Fore 1 H-SHOE, 1 CLEARNOSE, ~5 WHELKS, HOGCHOKER

Stbd Dis. Box - Aft 2 H-SHOE CRABS, 2 CL. NOSE SKATES, WINDOWPANE, HOGCHOKER, SUMMER FLOUNDER

Comments:

NO INCIDENT

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/16/94

Load# 161 Start _____ End _____ Dump _____

Location _____

Conditions HAZY, BEAU. 2; WIND E 5 KTS; AIR 78° Tide FLOOD

Port Skimmer _____

Stbd Skimmer _____

Port Draghead _____ TED: N/A

Stbd Draghead _____ TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore _____

Port Dis. Box - Aft _____

Stbd Dis. Box - Fore _____

Stbd Dis. Box - Aft _____

Comments:

1930 - 4 STORM PETRELS

LOAD CYCLE NOT COMPLETED THIS WATCH

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/17/94

Load# 162 Start 0201 End 0629 Dump 0726

Location 95 - 150

Conditions HAZY BEAM. 1, WIND CALM, AIR 74° Tide EBB

Port Skimmer WINDOWPANE FLOUNDER

Stbd Skimmer 3 HORSESHOE CRABS

Port Draghead Ø TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore 6 H-SHOE, 4 CLEARNOSE SKATES, ~10 WHELKS WOOD, UNID. FISH

Port Dis. Box - Aft 2 H-SHOE, 7 CLEARNOSE SKATES, ROCKS

Stbd Dis. Box - Fore 2 H-SHOE, 3 CLEARNOSE SKATES, 2 SPIDER CRAB, WOOD, ~10 WHELKS, WINDOWPANE

Stbd Dis. Box - Aft 5 H-SHOE, 7 CL NOSE SKATES, 2 SKATE EGG CASES, SPIDER CRAB, CLAW CRAB

Comments: NO [illegible]

~15 WHELKS
WOOD
FOG-CHOKER
WINDOWPANE

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/17/94

FRI
HI 1529 0248 | LO 0842 2135

Load# 163 Start 0834 End 1224 Dump 1321

Location Stations 98-150, between buoys 9 & 10

Conditions THICK HAZE, BEAU. 2; WINDE 5-10 KTS; AIR 82° Tide FLOOD
H_2O 72°

Port Skimmer Ø

Stbd Skimmer Ø

Port Draghead Ø TED: N/A

Stbd Draghead Ammo Cas. Ng TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore Ø

Port Dis. Box - Aft CLEARNOSE SKATES, H-SHOE; WHELK, HERMIT CRAB

Stbd Dis. Box - Fore 2 H-SHOE; 2 CLEARNOSE SKATES; WOOD

Stbd Dis. Box - Aft 2 H-SHOE, 4 CLEARNOSE; BLUE CRAB; ~10 LIVE WHELKS

Comments:

8:03 2 Tt mother & calf

Observer(s) On Duty: OLSON + Rogers ~~[illegible] DARRY~~

~~[illegible]~~

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Sugar Island (NATCO)

6/17/94

Load# 164 Start 1426 End 1740 Dump 1843

Location Stations 92-150 Between Bouys 7 + 10 (Red side)

Conditions Partly cloudy - most of [illegible] cleared
AIR 82° wind speed calm [illegible] SE

Tide Flood + Ebb
High 1529

Port Skimmer 2 flounder (Alive (1) Dead (1)

Stbd Skimmer 2 horseshoe crab

Port Draghead Ø TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore 5 skates, whelks several & horshoe crabs

Port Dis. Box - Aft 3 skates 2 whelks

Stbd Dis. Box - Fore Summer flounder, Alive 5 whelks, 1 horseshoe crab, wood

Stbd Dis. Box - Aft 8 skates, 5 whelks, clam shell, snails, woods

Comments: 1515 5 Ft Passing (All Adult size)
on cut - one with Badly Damaged [illegible] (±)
1532 turtle surfaced ≈ 100 yds to port
Swimming away from Boat - Not sure
of species only [illegible] briefly
1710 several Dolphins surfaced 1 mi ±
[illegible] of Boat

NO [illegible]

Observer(s) On Duty: Rogers

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Sugar Island (NATCO)

6/17/94

Load# 165 Start 1941 End 2310 Dump 0004

Location Stations 98-150 + 110-98

Conditions Slight haze - mostly clear Air 77° Seas 1-2', wind light + SE Tide Ebb low 2135

Port Skimmer Skate

Stbd Skimmer Ø

Port Draghead Ø TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore horseshoe crabs, crab pile (2), other crab (1)

Port Dis. Box - Aft 2 skates, Rubber, wood horseshoe crab.

Stbd Dis. Box - Fore Skates 2, horseshoe crabs 3 whelks motor part

Stbd Dis. Box - Aft Skates (3) sand dollars, whelks, sm flounder (Alive)

Comments:

NO INCIDENT

Observer(s) On Duty: Rogers

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ Dove Island (NATCO)
6/28/94

Load# 166 Start 0107 End 0426 Dump 0527

Location Stations 110 - 98

Conditions CLEAR; BEAU. 2; WIND SW 5-10 KTS; AIR 76° Tide FLOOD

Port Skimmer CLEARNOSE RAY

Stbd Skimmer

Port Draghead TED: N/A

Stbd Draghead TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore 2 HORSE SHOE CRABS; 6 CLEARNOSE SKATES; WOOD WHEELS

Port Dis. Box - Aft HORSE SHOE CRABS

Stbd Dis. Box - Fore 2 HORSE SHOE CRABS; [illegible]

Stbd Dis. Box - Aft 2 HORSE SHOE 4 CLEARNOSE SKATES; 2 SPIDER CRABS

Comments: BLUE CRAB ~ 10 WHELKS LARGE SHRIMP

NO INCIDENT

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ Dodge Island (NATCO)

6/18/94

Load# 167 Start 0632 End 0953 Dump 1046

Location stations 98-150; 98-110; 110-98

Conditions CLEAR; BEAU. 1; WIND CALM; AIR 78° Tide EBB

Port Skimmer Ø

Stbd Skimmer Ø

Port Draghead Ø TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore H-SHOES, CLEAR, NOSE SKATES; WHEELS

Port Dis. Box - Aft " " "

Stbd Dis. Box - Fore " " " LOGGERHEAD TURTLE PARTS - 2 FLIPPERS

Stbd Dis. Box - Aft " " " LOGGERHEAD TURTLE PIECE OF CARAPACE & PLASTRON

Comments: N of channel

0630 2 Tt at dig site; swimming leisurely

0745 4-6 Tt N of channel, ~.75 mile, feeding

0806 8 Tt S of channel

0814 same group crossed channel

also likely same animals as 0745 sighting

SCREENING ON PORT SKIMMER WARPED

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

0941
1630 2245

6/18/94

Load# 168 Start 1151 End 1640 Dump 1746

Location 110-98

Conditions CLEAR, SLIGHT 3, WIND SE ~ 10KTS, 85° AIR Tide Flood
H_2O 74°

Port Skimmer Ø

Stbd Skimmer flounder (2)

Port Draghead Net TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore skate + several whelks

Port Dis. Box - Aft 3 skates, 1 horse shoe, whelks

Stbd Dis. Box - Fore 1 skate, 2 horse shoe crabs, 6 whelks

* Stbd Dis. Box - Aft Turtle Parts (see report) 4 skate 2 horseshoe whelks

Comments: Turtle Parts - may be part of earlier one? [Rocks

~75 ft on way back from dump almost to dig site, N of channel, travelling NE

12.00 CC at surface, 50M stbd beam

1645 2 ft swimming by as we started to dump

Observer(s) On Duty: OLSON / Rogers

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Sugar Island (NATCO)

6/18/94

Load# 169 Start 843 End 2241 Dump 2236

Location Station 78-150

Conditions Clear, wind South / 10 Kts 90° Air. Tide Ebb

low 2242

Port Skimmer Ø

Stbd Skimmer 3 skates 2 flounder 4 spider crabs, 1 blue crab, 1 flounder

Port Draghead metal strip TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore skates, horseshoe crab whelks

Port Dis. Box - Aft skates whelks Rocks

Stbd Dis. Box - Fore whelks, skates, horseshoe crabs

Stbd Dis. Box - Aft skates, whelks + crab

Comments: - None -

Observer(s) On Duty: Boone

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Sugar Island (NATCO)

6/19/94

Load# 170 Start 0037 End 0445 Dump 0545

Location Stations 98-150

Conditions clear, sea calm <1', wind AIR 77° Tide Flood low 2242

Port Skimmer Ø

Stbd Skimmer 2 CLEARNOSE SKATES

Port Draghead Ø TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore H-SHOES, SKATES, SPIDER CRABS, WHELKS

Port Dis. Box - Aft H-SHOES, SKATES

Stbd Dis. Box - Fore H-SHOES, SKATES, WHELKS

* Stbd Dis. Box - Aft * 3 PIECES LOGGERHEAD CARAPACE, H-SHOES, SKATES, SPIDER CRABS, WHELKS, ANGEL SHARK, HOG CHOKER, WINDOWPANE

Comments:

PHOTOS: Dodge 02
20 - end of roll

* FRESH: BLOOD POOLING IN SHELL LINING
CARAPACE COLOR: REDDISH-BROWN

Observer(s) On Duty: OLSON & ROGERS

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/19/94

Load# 171 Start 0643 End 1110 Dump 1207

Location Stations 98-150

Conditions CLEAR, BEAU 2, WIND W 5-10KTS, AIR 77° Tide EBB
H_2O 73°

Port Skimmer Ø

Stbd Skimmer Ø

Port Draghead metal debris TED: N/A

Stbd Draghead WOOD TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore CL-NOSE SKATES; WHELKS

Port Dis. Box - Aft CLEARNOSE SKATES; 3 HOGCHOKERS; H-SHOES

Stbd Dis. Box - Fore CL-NOSE SKATES; WHELKS

Stbd Dis. Box - Aft CLEARNOSE SKATES; 2 HOGCHOKERS, WINDOW PANE, LOGGERHEAD TURTLE PARTS #7

Comments: 0648 ~18 Tt in channel near buoy
travelling SE
0654 2 Tt redside of channel

CARAPACE

PHOTOS: PO-DODGE 03 P51-3

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge Sugar Island (NATCO)

6/19/94

Load# 172 Start 1326 End 2011 Dump 2112

Location Stations 96-150

Conditions Clear [illegible] Sea 1-2' Tide Flood

Air 82°, H_2O 72°

Port Skimmer Ø

Stbd Skimmer Ø

Port Draghead 6 piece metal TED: N/A

Stbd Draghead wood pieces TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore whelk egg case 2 skates 3 whelks

Port Dis. Box - Aft shackle, 3 whelks 1 inc whelks

Stbd Dis. Box - Fore Skate whelks + crab (spider)

* Stbd Dis. Box - Aft Turtle Parts - skate 7 whelks 2 horseshoe, Rocks

Comments: 1935 (2) Tt Port side cut #10 feeding & playing

* Turtle parts (posterior flippers [illegible]) 1 piece E/W flippers + Plastron Bone + tissue 1 piece (intestinal)

Observer(s) On Duty: Rogers

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)
6/20/94

Hi 0457 1730 Lo 1041 2346

Load# 173 Start 2212 End 0348 Dump 0445
Location Stations 98 - 150
Conditions CLEAR; WIND S 5-10 KTS; SEA 1-2' Tide LOW & FLOOD
H_2O 73°

Port Skimmer Ø
Stbd Skimmer Ø
Port Draghead Ø TED: N/A
Stbd Draghead WOOD TED: N/A
Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore HI-SHOES; CLEARNOSE SKATES; LIVE WHELKS; ROCKS
Port Dis. Box - Aft " " " "
Stbd Dis. Box - Fore " " " "
Stbd Dis. Box - Aft " " " "
Comments: NO INCIDENT

Observer(s) On Duty: ROGERS & OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ Dodge Island (NATCO)

6/20/94

H1 0601 1834 | LO 1142

Load# 174 Start 0548 End 0944 Dump 1039

Location Stations 98-150

Conditions HAZY; BEAU. 1; WIND W <5 KTS; AIR 77° Tide EBB

H_2O 78°

Port Skimmer WINDOWPANE FLOUNDER

Stbd Skimmer Ø

Port Draghead Ø TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore 2 HORSESHOE CRABS; 2 CLEARNOSE SKATES; 2 HOG CHOKERS; BLUE CRAB, WOOD WHELKS, SNAILS

Port Dis. Box - Aft ANGEL SHARK; 1 H-SHOE; 2 CL-NOSE SKATES; HEAD OF COWNOSE RAY

Stbd Dis. Box - Fore 2 H-SHOES; 2 CL-NOSE SKATES; SPIDER CRAB; WHELKS

Stbd Dis. Box - Aft 1 H-SHOE; 6 CL-NOSE SKATES; LIVE WHELKS

Comments:

NO INCIDENT

COWNOSE RAY HEAD AN INTERESTING SPECIMEN

Observer(s) On Duty: OLSON

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ Dodge Island (NATCO)

Hi 0601 1834 | Lo 1142

6/20/94

Load# 175 Start 1152 End 1608 Dump 1709

Location 98-114 stations

Conditions HAZY REAU. 2' WIND W 5 KTS, AIR 84° Tide FLOOD

(by 1600 wind [illegible] ENE & increased to 10+ kts.

Port Skimmer 1 whelk

Stbd Skimmer Ø

Port Draghead Ø TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore 2 skates 1 whelk

Port Dis. Box - Aft 2 whelks, 1 skate, Bud can, (1) horseshoe crab

Stbd Dis. Box - Fore 3 skates

Stbd Dis. Box - Aft 2 whelks cow nose skate head,

Comments: NO INCIDENT

Observer(s) On Duty: OLSON / ROGERS

ENDANGERED SPECIES OBSERVER PROGRAM
MAINTENCE DREDGING
Cape Henry/York Spit - Chesapeake Bay, Virginia
Dredge ~~Sugar~~ DODGE Island (NATCO)

6/21/94

Load# 176 Start 1817 End 0101 Dump 0204

Location 98-116, 110-106

Conditions Hazy wind NNE 5-10 sea 1-2' Tide Ebb
AIR 74°

Port Skimmer Ø

Stbd Skimmer Ø

Port Draghead metal debris TED: N/A

Stbd Draghead Ø TED: N/A

Port Lat. Screen N/A

Stbd Lat. Screen N/A

Port Dis. Box - Fore H-SHOES, CLEARNOSE SKATES, WHELKS, HEAD OF LARGE RAY

Port Dis. Box - Aft " " "

Stbd Dis. Box - Fore " " "

Stbd Dis. Box - Aft " " " BODY OF COWNOSE RAY

Comments:

NO INCIDENT

Observer(s) On Duty: Rogers & OLSON