ENDANGERED SPECIES OBSERVER PROGRAM

Project: M/V BAYPORT

INCIDENT REPORT OF SEA TURTLE TAKE BY DREDGING ACTIVITY

Date 10 / 08 / 02 Time(24hr) 1835

Species of Turtle Taken Caretta (LOGGERHEAD)

Dredging Site (channel, port, etc.) YORK SPIT CHANNEL III, CHESAPEAKE BAY, VA

Location of Take: Latitude ~37° 10.665 N Longitude ~76° 9.196 W

Vessel Name and Company BAYPORT ; MANSON CONSTRUCTION

Type of Dredging Activity CHANNEL MAINTENANCE : STATIONS 276 - 326 ONLY

Load # 370 Times: Start 1626 End 1822 Dump 1910

Sampling Method (overflow, inflow,etc.) INFLOW & OVERFLOW SCREENS

Samples Recovered From STBD FORWARD INFLOW SCREEN

Condition of Screening GOOD

Draghead Deflector? Yes ✓ No _____

Condition of Deflector GOOD

Weather Conditions NNE 15K, BSS3, SEAS 1-2' W/CHOP, OVERCAST 68° Tide 1.4 FLOODING

Water Temperature: Surface 75°F Column _____ C or (F) (circle one)

Condition of Specimen(s) Sampled SMALL SECTION OF CENTRAL & LATERAL SCUTES FOUND. PORTION OF RIB & BACKBONE CONNECTED, BLOOD EMINATING FROM FRACTURES. MAJORITY OF INTERNAL ORGANS FOUND ALSO, ALONG W/ A CONNECTED FLIPPER BONE ONLY. SPECIMEN WAS IN GOOD CONDITION, NOT ODOROUS, TISSUE NOT NECROTIC, SCUTES REDDISH BROWN COLOR

Measurements--

Give estimate of entire carapace dimensions, as well as fragments sampled (in metric when possible, indicate if not):

Head Width _____

Plastron Length _____ Width _____

Carapace S. L. Length * ACTUAL SIZE 22cm S.L. Width * ACTUAL SIZE 17cm

Carapace O.C. Length _____ O.C. Width _____

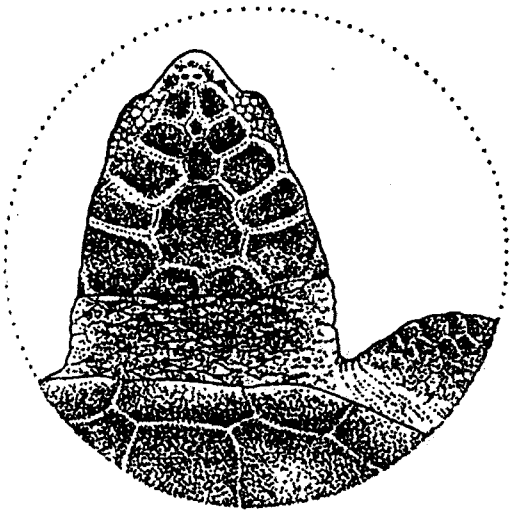
Turtle Tagged? Yes _____ No ✓ (ONLY FLIPPER BONE) Tag # _____ Tag Date ___/___/___

Comments

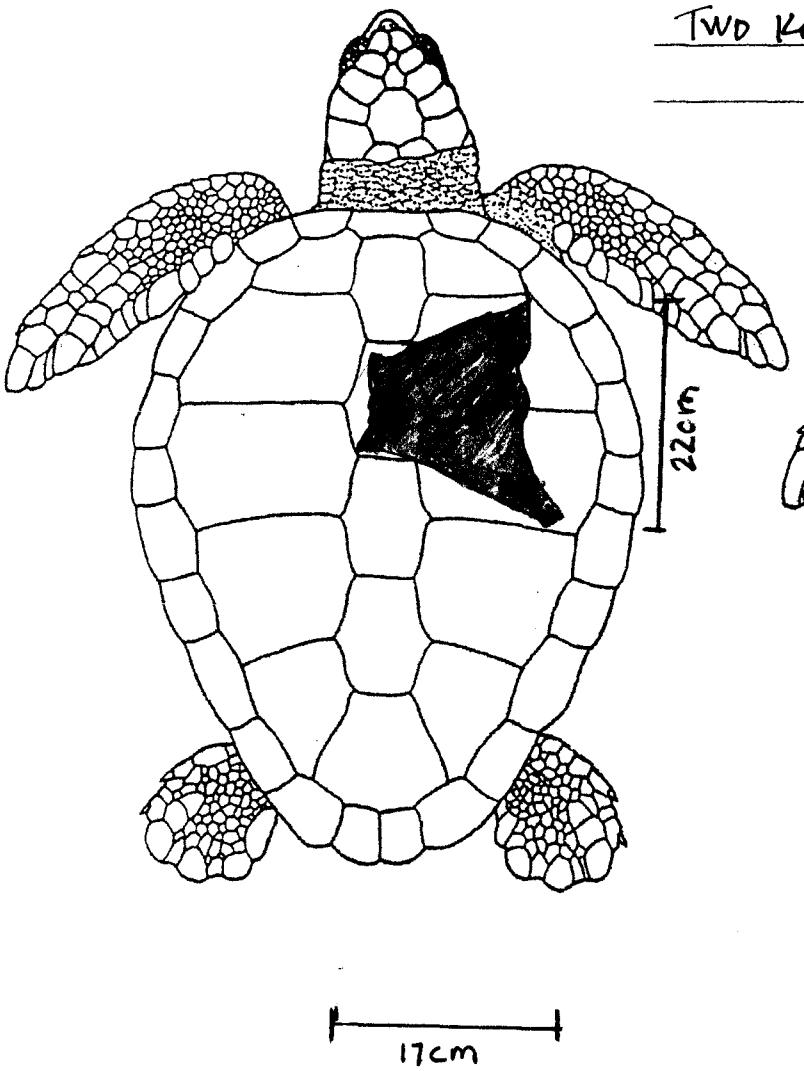
* NEARLY IMPOSSIBLE TO GIVE GOOD ESTIMATE ON SIZE. PORTION WAS SMALL & FRAGMENTED. MEASUREMENTS LISTED ABOVE ARE ACTUAL DEPICTIONS OF SPECIMEN RECOVERED. A LARGE PORTION OF INTERNAL ORGANS FOUND ; HOWEVER CAN'T BE USED TO DETERMINE OVERALL SIZE.

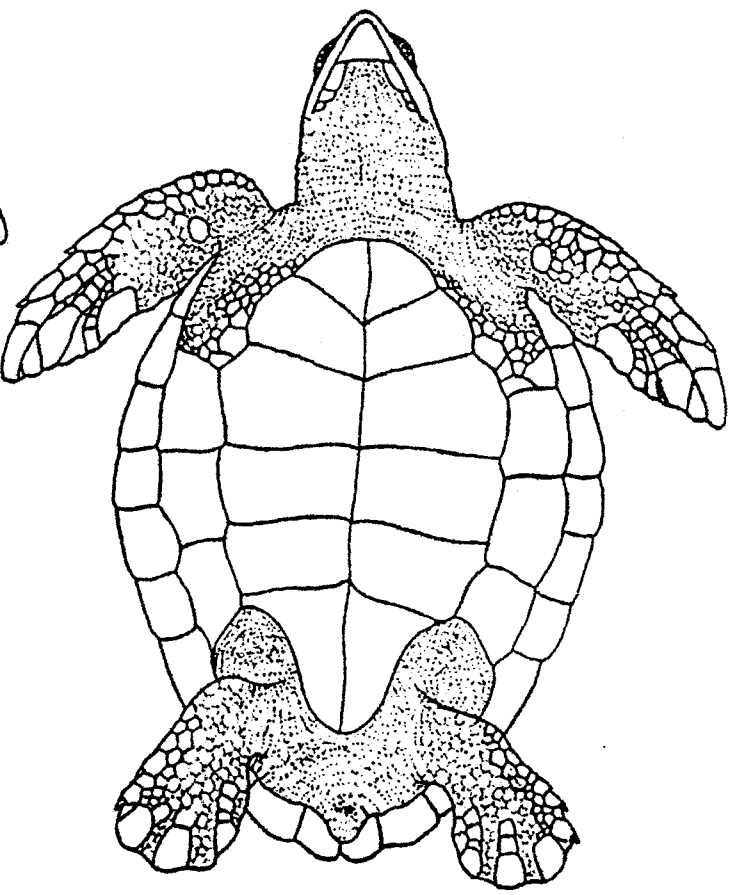
Observer's Name CARRIE SINGER

Shade areas of turtle that are missing. Sketch cracks and lacerations.



Comments: PORTION BELOW EXTRACTED FROM STBD FORWARD INFLOW SCREEN, ALONG W/A CONSIDERABLE AMOUNT OF INTERAL ORGANS STILL IN BOX. TISSUE, BOTH FATTY & CONNECTIVE, CONTAINED NO ODOR & WEREN'T NECROTIC. ONE FLIPPER BONE STILL ATTACHED. FRESH BLOOD NOTED ON CARAPACE & BACKBONE FRACTURES OF FUSED SKELETON, INDICATING A FRESH KILL. REDDISH-BROWN CENTRAL/LATERAL SCUTES ALONG W/ LIVE BARNACLES AIDED IN IDENTIFYING SPECIMEN AS Caretta caretta. OVERALL CARAPACE TOO SMALL TO GIVE ACCURATE S.L. LENGTH/WIDTH DIMENSIONS. TWO KODAK PHOTOS TAKEN.





Diagrams by Tom McFarland

ENDANGERED SPECIES OBSERVER PROGRAM

Project: YORK SPIT, CHESAPEAKE BAY, VA

INCIDENT REPORT OF SEA TURTLE TAKE BY DREDGING ACTIVITY

Date 10 / 09 / 02 Time(24hr) 0920

Species of Turtle Taken Caretta caretta (LOGGERHEAD)

Dredging Site (channel, port, etc.) YORK SPIT III CHANNEL, CHESAPEAKE BAY

Location of Take: Latitude 37° 9.840 N Longitude 76° 9.083 W

Vessel Name and Company M/V BAYPORT ; MANSON CONSTRUCTION

Type of Dredging Activity CHANNEL MAINTENANCE : STATIONS 276-326

Load # 374 Times: Start 0603 End 0814 Dump 0911

Sampling Method (overflow, inflow,etc.) INFLOW & OVERFLOW SCREENS

Samples Recovered From STBD FORWARD INFLOW SCREEN

Condition of Screening GOOD

Draghead Deflector? Yes ✓ No

Condition of Deflector GOOD

Weather Conditions NE 10-15K, BSS2, 1-3' SWELL, MOSTLY CLOUDY 66°F Tide 3.4 FLOOD

Water Temperature: Surface 75°F Column C or (F) (circle one)

Condition of Specimen(s) Sampled SPECIMEN EXTRACTED WAS IN EXCELLENT CONDITION. FRACTURES ALONG ~~MIDSAGITTAL~~ LATERAL SUTES ALLOWED FOR ACCURATE RECONFIGURATION OF SEVERAL PIECES ONLY CONNECTED BY TISSUE. A SECOND PORTION FOUND WAS LEFT ANTERIOR PART, GIVING GOOD INDICATION OF ACTUAL SIZE. A PREVIOUS PIECE FOUND IN LOAD #370 FITTED NEATLY W/ ADDITIONAL PARTS & THEREFORE CONCLUDING ALL SAME TURTLE. TISSUE NOT NECROTIC — NO ODOR

Measurements-- Give estimate of entire carapace dimensions, as well as fragments sampled (in metric when possible, indicate if not):

Head Width

Plastron Length Width

Carapace S. L. Length ~ 43.6 cm S.L. Width ~ 49 cm

Carapace O.C. Length O.C. Width

Turtle Tagged? Yes No ✓ (NO FLIPPERS) Tag # Tag Date / /

Comments

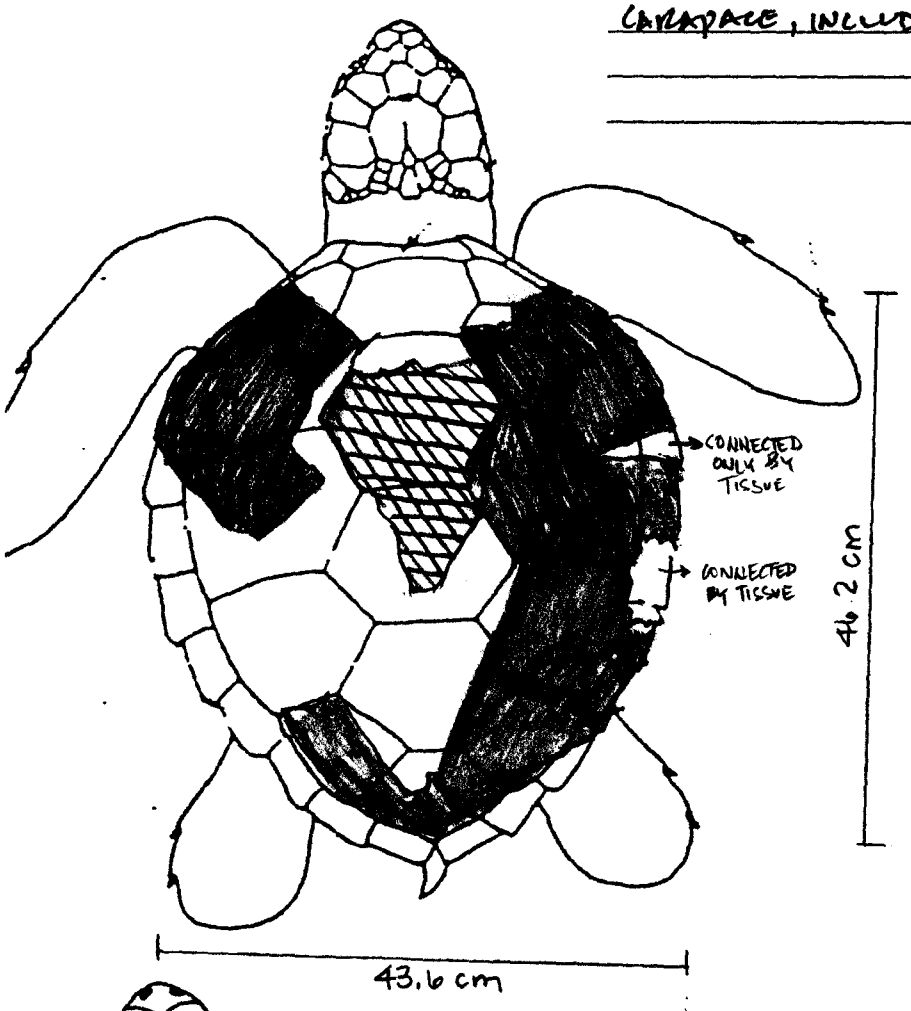
WITH ALL PIECES ALIGNED, THE ABOVE MEASUREMENTS ARE A RELATIVELY ACCURATE ESTIMATE OF ACTUAL SIZE OF LOGGERHEAD.

Observer's Name CARRIE SINGER

ureua curetta (loggerhead)

ıade areas of turtle which are missing. Sketch cracks and lacerations.

Comments: ONLY 2 LARGE PORTIONS WERE FOUND IN LOAD #374 & DIDN'T CONTAIN SEVERAL FRACTURES; HOWEVER, WITH THE HELP OF ATTACHED TISSUE, THE OVERALL PICTURES ARE DRAWN BELOW. A PORTION FOUND PREVIOUSLY IN # LOAD 370 ALIGNS NICELY WITH ~~MARGINAL~~ LATERAL SCUTES, INDICATING IT IS ALL THE SAME TURTLE. COLORATION OF SCUTES MATCHED PERFECTLY, AS WELL THE CONNECTION B/W CENTRAL & ~~MARGINAL~~ LATERAL SCUTES. LIVE BARNACLES NOTED. TISSUE WASN'T NECROTIC, NO ODOR. NO ADDITIONAL PARTS WERE FOUND. TWO PHOTOS TAKEN OF ENTIRE CARAPACE, INCLUDING ALL THREE SAMPLES.



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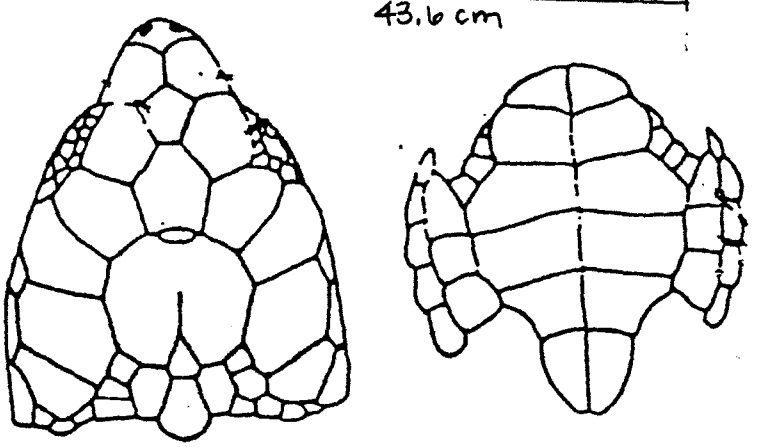
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