

ENDANGERED SPECIES OBSERVER PROGRAM

Project: Cape Henry Channel / Chesapeake BayINCIDENT REPORT OF SEA TURTLE TAKE BY DREDGING ACTIVITYDate 06 / 01 / 02Time(24hr) 2112Species of Turtle Taken Chelonia mydasDredging Site (channel, port, etc.) Cape Henry Channel / Chesapeake BayLocation of Take: Latitude 36 59.91 N Longitude 76 01.29 W (^{stations}
₁₅₀₊₀₀)Vessel Name and Company Bayport / MansonType of Dredging Activity maintenance dredgingLoad # 891 Times: Start 1758 End 2112 Dump 2324-2236Sampling Method (overflow, inflow,etc.) inflowSamples Recovered From Port side fore inflow screenCondition of Screening goodDraghead Deflector? Yes No Condition of Deflector goodWeather Conditions clear / seas - 1 ft / winds SE 5-10 knots Tide 1.7 ebbWater Temperature: Surface 72 °F Column 71 °F C or F (circle one)Condition of Specimen(s) Sampled entire turtle was recovered except for a few small portions of the carapace; fresh take; some blood observed and all internal organs exposed but intact; no bleeding or odor observed *See comments and diagram.

Measurements--

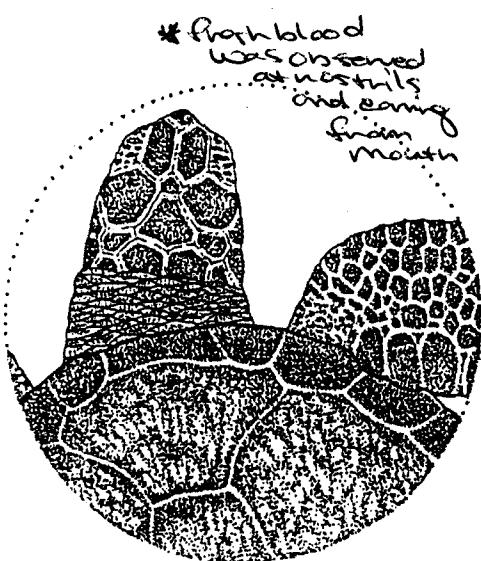
Give estimate of entire carapace dimensions, as well as fragments sampled (in metric when possible, indicate if not):

Head Width 5 cm~~* straight~~~~* straight~~Plastron Length 24 cmWidth 22 cmCarapace S. L. Length 27 cmS.L. Width 24 cmCarapace O.C. Length —O.C. Width —Turtle Tagged? Yes No Tag # N/A Tag Date 1-1-1Comments turtle was a fresh take; blood observed; no odor orbleeding; turtle suffered from a large crack that spanned from the notch of the carapace, along the vertebral scutes,to almost the tip of the carapace; several lateral cracks ranged across costal scutes; small portion of carapace missingfrom vertebral scutes (3-5)Observer's Name Holly Farnbach

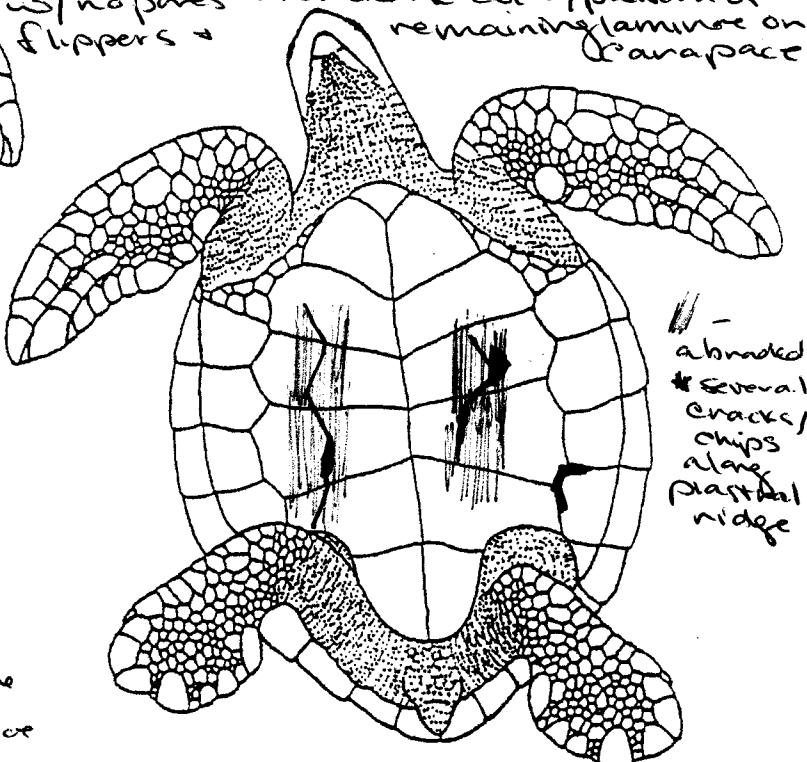
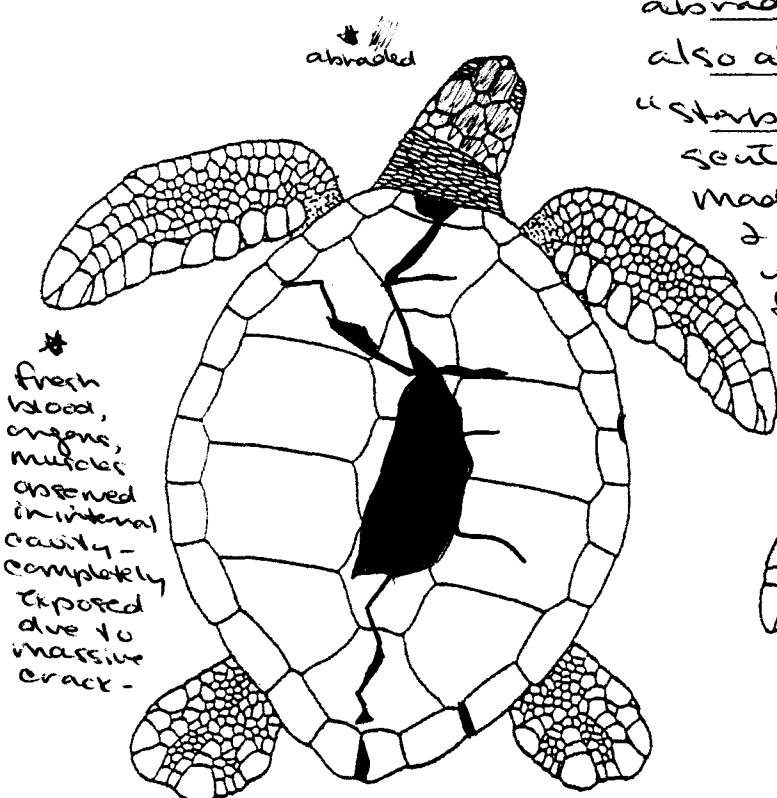
Chelonia mydas (green turtle)

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

* frozen whole



Comments: Fresh lake - turtle was recovered almost completely intact; large crack present from carapace notch, almost to the tip; crack ranged along the ventral scutes and several lateral cracks / chips were observed on costal scutes; small portion of carapace missing from ventral scutes (3-5); internal organs completely exposed but still intact; prefrontal scales (2) and other scales in the head region were abraded; the laminae of the carapace was also almost completely abraded but the "starburst" pattern was apparent on several scutes; positive species identification was made from the presence of 4 costal scutes, 2 prefrontal scales, 4 inframarginal scutes w/ no pores and dark color/pattern of remaining laminae on carapace



* the shaded (lightly) regions on the plastron and head indicate abraded regions - almost the entire carapace was abraded and most of the laminae was missing - cracks and several chips from the plastron were observed - some bruising observed.

Diagrams by Tom McFarland

Addendum:

Please attach to the 06/01/02 incident report for the *Chelonia mydas* take.

As previously noted, the turtle was recovered at approximately 2115 following the completion of load 891 (6 cuts total). The turtle was immediately examined and minimal eye reflex and muscular contraction in the body cavity were observed. No flipper or additional body movement was observed and all reflex/contractions had stopped by 2215. Due to both the "fresh dead" condition of the turtle and the lack of sand/silt in the body cavity, it is likely that the turtle was taken during the last two cuts (~2015-2115). An additional note should be made that trawling activity halted at ~2000.