ENDANGERED SPECIES OBSERVER PROGRAM

SEA TURTLE INCIDENTAL TAKE DATA FORM

Project Name: Fort Pierce Beach - Renourishment **USACE District:** Jacksonville

Dredge Name: Bayport **Dredge Firm:** Manson Construction

DATE: 05-06-07 **Time turtle take recovered (24hr):** 12:50 **Turtle take # for project:** ____

LOAD #: 94 **Times (24hrs): Start** 1200 **End** 1250 **Load start date** 05-06-07

SPECIES OF TURTLE TAKE: Unknown (Loggerhead) Green Kemp's ridley Hawksbill Leatherback

Channel location of take: Latitude 27°28.271 N **Longitude** 80°17.393 W = pump
Other location / Channel description (e.g. buoy markers, landmarks):
borrow area = 27°25.55 N / 80°13.55 W

Location take recovered on dredge: forward, starboard inflow screening

Number of dragheads in use at time of incident: 2 **Draghead deflector? YES** X **NO** ____
Condition of deflector: good **Condition of screening:** good

Beaufort Sea State: 0 (1 2) 3 4 5 6 7 8 9 10 11 12

AIR TEMP: 28 (°C/°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 25 (°C/°F) **Column (mid-depth)** ____ °C/°F **Bottom** ____ °C/°F

Condition of specimen: Not a fresh kill: carotin peeling from bone, meat = white and stringy, extremely foul smelling. Specimen consists of one small piece of carapace that includes three marginal scutes of anterior region and segment of costal scute.
0 = Alive; 1 = Fresh dead; (2 = Moderately decomposed; 3 = Severely decomposed); 4 = skeleton/old bone; 5 = undetermined

Sex: M F (UN) How determined? ____ **Age class: Juv** ____ **Sub-Adult** ____ **Adult** ____ **(UN)** ____

Measurements: Circle units

Head Width:	N/A	cm/in	**Plastron Length:**	N/A	cm/in
Plastron Width:	N/A	cm/in	**Carapace Straight Length:**	est. 89	(cm/in)
Carapace Straight Width:	UNK	cm/in	**Carapace Curved Length:**	est. 91	(cm/in)
Carapace Curved Width:	UNK	cm/in			

Measurement/description of part: SL = 21 cm length / SL = 16 cm width

Genetic samples taken: YES ____ **NO** X **Photos taken: YES** X **NO** ____
Turtle tagged?: YES ____ **NO** X **Tag type:** ____ **Tag #:** ____ **Tag date:** ____
Final disposition of specimen: Wrapped in plastic and set in ship's freezer.

Comments: Species identification was based on reddish brown color. An inordinate amount of small boat traffic in this area makes it possible that some turtles are killed by such boats' props - like the one reported in the daily report on 4/26 which was seen 1.5 miles inside of pump out station floating, dead w/ prop wounds at the dock

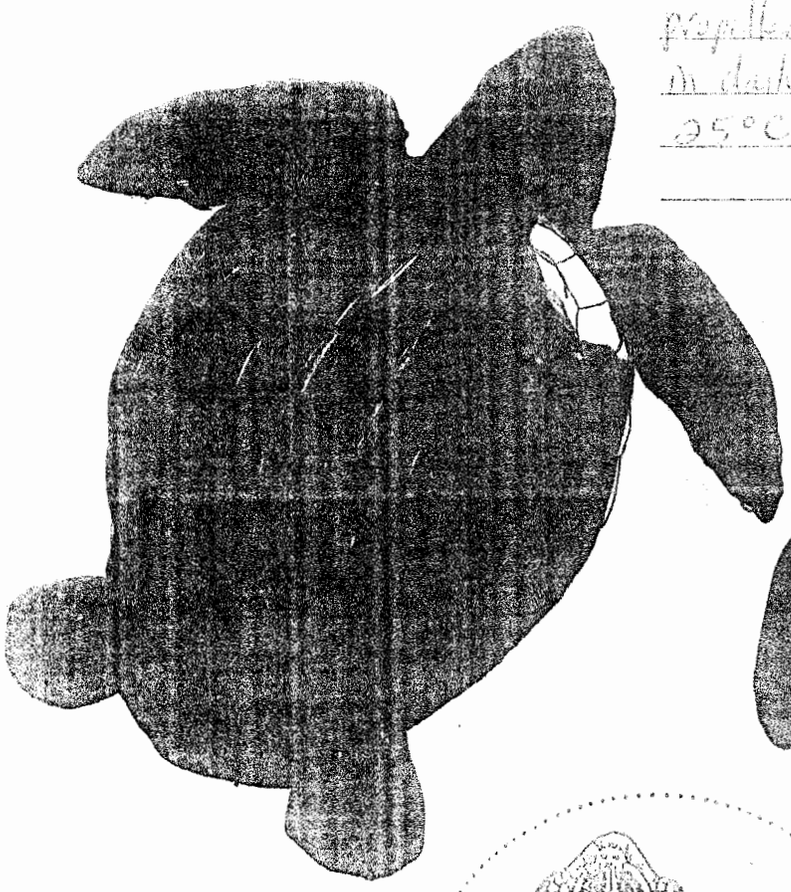
Load data form attached: YES X **NO** ____ **Dredge load log attached: YES** ____ **NO** X

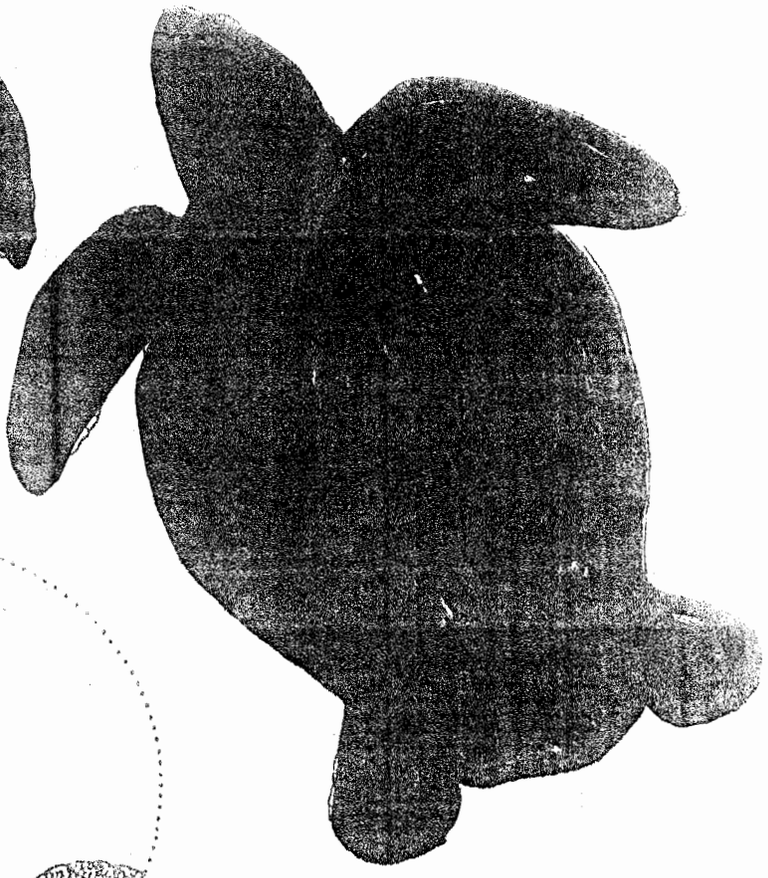
Observer's name Meghan Piercy

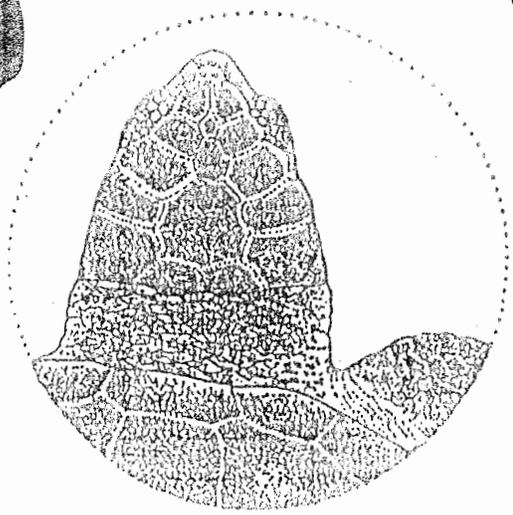
Use diagrams below to illustrate specimen/part recovered:

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

Comments: Fort Pierce, Beach Renourishment Dredge Bayport, Load # 94, May 6, 2007. One small piece of Caretta caretta was found in forward, starboard inflow screening. The piece which consists of three anterior marginal scutes and a bit of costal scute, is moderately decomposed with ~~go~~ carotin peeling from the bone and meat white and stringy. At least one dead turtle killed by boat propeller was seen on April 26 and reported in daily report. Water temperature is 25°C. Time of take est. 12:50.
observer = Meghan Pierce







Diagrams by Tom McNamee