ENDANGERED SPECIES OBSERVER PROGRAM

SEA TURTLE INCIDENTAL TAKE DATA FORM

Project Name: Pascagoula Channel USACE District: Mobile

Dredge Name: Newport Dredge Firm: MANSON

DATE: 4-29-07 Time turtle take recovered (24hr): 1041 Turtle take # for project: 1

LOAD #: 19 Times (24hrs): Start 0840 End 1037 Load start date 4-29-07

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

Channel location of take: Latitude _____ Longitude _____

Other location / Channel description (e.g. buoy markers, landmarks): buoy # 13 sta 279+00 - 308+00

Location take recovered on dredge: Aft / Starboard - Lander (inflow)

Number of dragheads in use at time of incident: 2 Draghead deflector? YES ✓ 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: 85° °C (F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

WATER TEMP: Surface 71° °C (F) Column (mid-depth) _____ °C / °F Bottom _____ °C / °F

Condition of specimen: Only a portion of the carapace was recovered

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

Plastron Length: _____ cm/in Head Width: _____ cm/in

Carapace Straight Length: _____ cm/in Plastron Width: _____ cm/in

Carapace Curved Length: _____ cm/in Carapace Straight Width: _____ cm/in

Carapace Curved Width: _____ cm/in

Measurement/description of part: pygal scutes, vertebral scute 3 marginal scu

Approx 36 cm

Genetic samples taken: YES ___ NO X Photos taken: YES ✓ NO ___

Turtle tagged?: YES ___ NO X Tag type: _____ Tag #: _____ Tag date: _____

Final disposition of specimen: placed on ice

Comments: *Species to be determined (probable L. kempi) from coloration of carapace and epidermis (light green and white respectively. Specimen placed in ice.

Load data form attached: YES ✓ NO ___ Dredge load log attached: YES ✓ NO ___

Observer's name Ed Care

Use diagrams below to illustrate specimen/part recovered:

Photo - load sheet - diagram attached

HOPPER DREDGE "NEWPORT" 30 APRIL 2007
PRIME: MANSON CONSTRUCTION CO.
INSPECTOR: BRYAN E.GRAY

On Sunday 29 April 2007, approximately 1045 hrs, I was informed that a turtle take had occurred and was being recovered and recorded by Ed Cane, the onboard Marine Life Observer, who confirmed the species as a Kemps Ridley. Mr. Cane submitted a report of the take and made necessary contacts once the report was complete. The Dredge Captain and the attending Dragtender have prepared a statement and it is being submitted with this statement concerning the standard procedures followed during dredging as well as the devices used to avoid a possible take. I have observed while onboard during the dredging portion of the cycle, the drag tender lowering the dreghead onto the bottom prior to revving the pumps above an idle and idling the pumps back down prior to lifting the drag heads off the bottom to reduce the risk of taking a turtle. Prior to the start of this job, a drag head paint test was conducted to ensure that the heads were sitting level on the bottom. I am also submitting plotted charts showing the drag head depth, pump velocities, and hopper displacement during the dredging phase of load # 19, in which the turtle was taken.

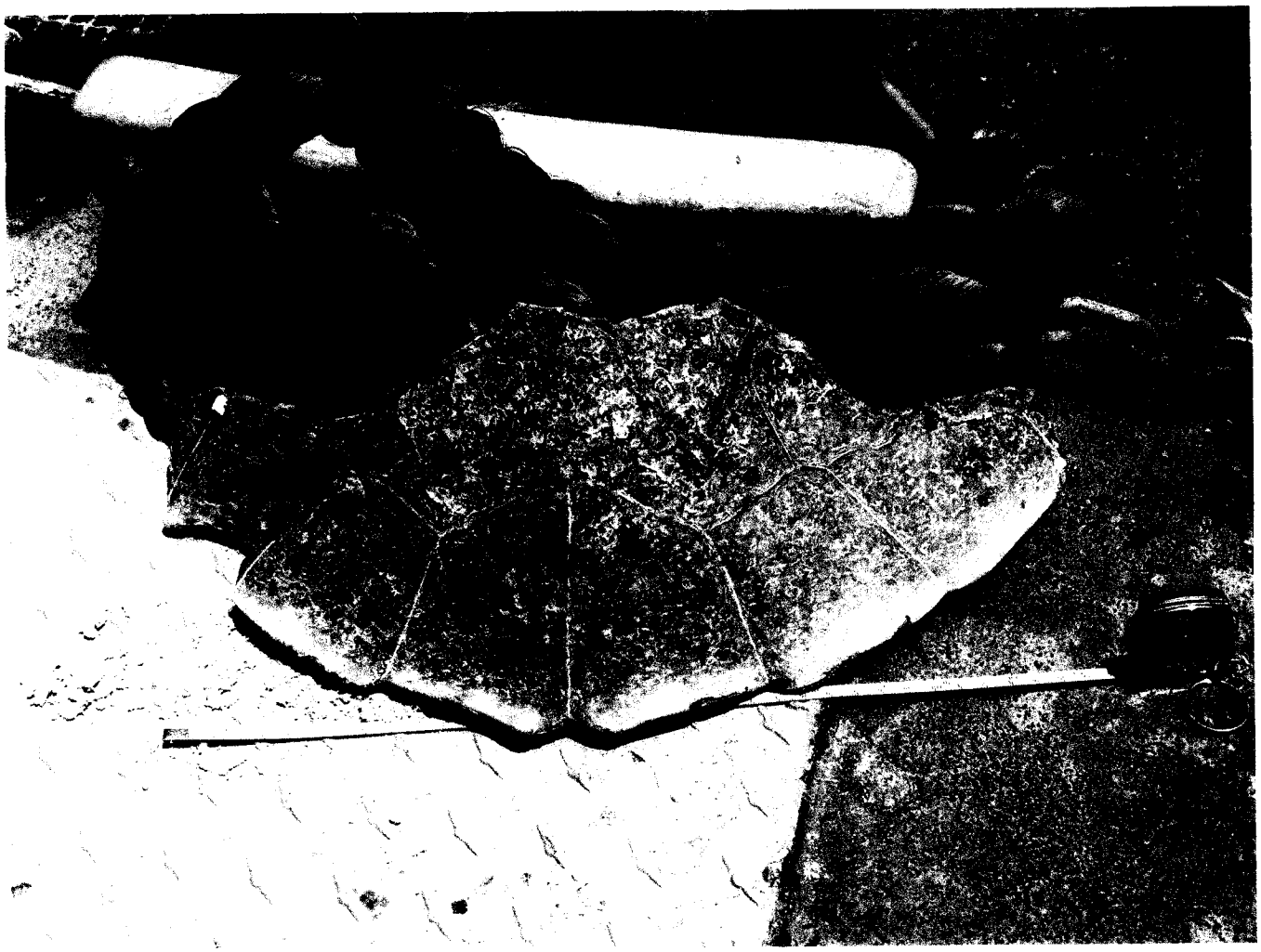
Bryan E. Gray, Construction Inspector

To Whom It May Concern the dredge Newport is equipped with approved turtle guards on the drag heads. The turtle guards were paint tested the first load of the job and were working properly. The procedure aboard is to have the dredge pump pumping water only if the drag head is on the bottom. If the drag is taken off the bottom the pump engine is idled first. When idling the pumps do not move water. The drag tenders aboard the Newport are conscientious about this. Nobody wants to kill turtles. I would welcome a device that alerts the turtle to our presence so it could swim out of the way.

Jay Mayes Master "Newport"

we have a procedure when digging in an area where turtle are eventually in the sorounding. However as a dragtender we are order to follow certain procedure. like put the draghead hard to the bottom before running the pump in a high R.P.M. and idle down the RPM before picking up the draghead, make sure this things are observe and ~~carrigf~~ carry accordinly. Aside from that our draghead are equiped of Turtle exclusion device.

[signature]



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