ENDANGERED SPECIES OBSERVER PROGRAM

SEA TURTLE INCIDENTAL TAKE DATA FORM

USACE DISTRICT: Galveston
PROJECT NAME: Freeport Harbor Channel **DREDGE NAME:** Liberty Island

DATE: 11-5-07 **Time turtle take recovered (24hr):** 0100 **Turtle take # for project:** 3

LOAD #: 293 **Times (24hrs): Start** 1951 **End** 2349 **Load start date** 11-4-07

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

Channel location of take: Latitude _____ **Longitude** _____
Other location / Channel description (e.g. buoy markers, landmarks):
Freeport Channel Section 5000 to 0

Location take recovered on dredge: central box

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: 64 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 73 °C/(°F) **Column (mid-depth)** — °C/°F **Bottom** — °C/°F

Condition of specimen: 1/2 turtle taken. (In good condition)

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** x **Adult** ___ **UN** ___

Measurements: ***Circle units***
Head Width: betwn eyes 3.5 (cm)/in
Plastron Length: 41 (cm)/in **Plastron Width:** Not possible cm/in
Carapace Straight Length: ___ cm/in **Carapace Straight Width:** ___ cm/in
Carapace Curved Length: 43 (cm)/in **Carapace Curved Width:** 45 (cm)/in based on 1/2 carapace measurement
Measurement/description of part: R foreflipper 24 cm

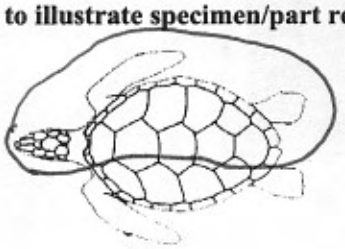
Genetic samples taken: YES x **NO** ___ **Photos taken: YES** ___ **NO** ___
Turtle tagged?: YES ___ **NO** unk **Tag type:** ___ **Tag #:** ___ **Tag date:** ___
Final disposition of specimen: In freezer at time of take.

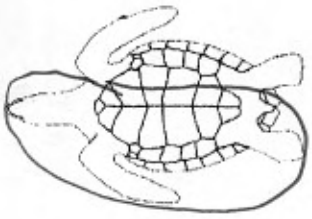
Comments: _____

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

Observer's name Leslie Osborn, ECO Inc

Use diagrams below to illustrate specimen/part recovered:



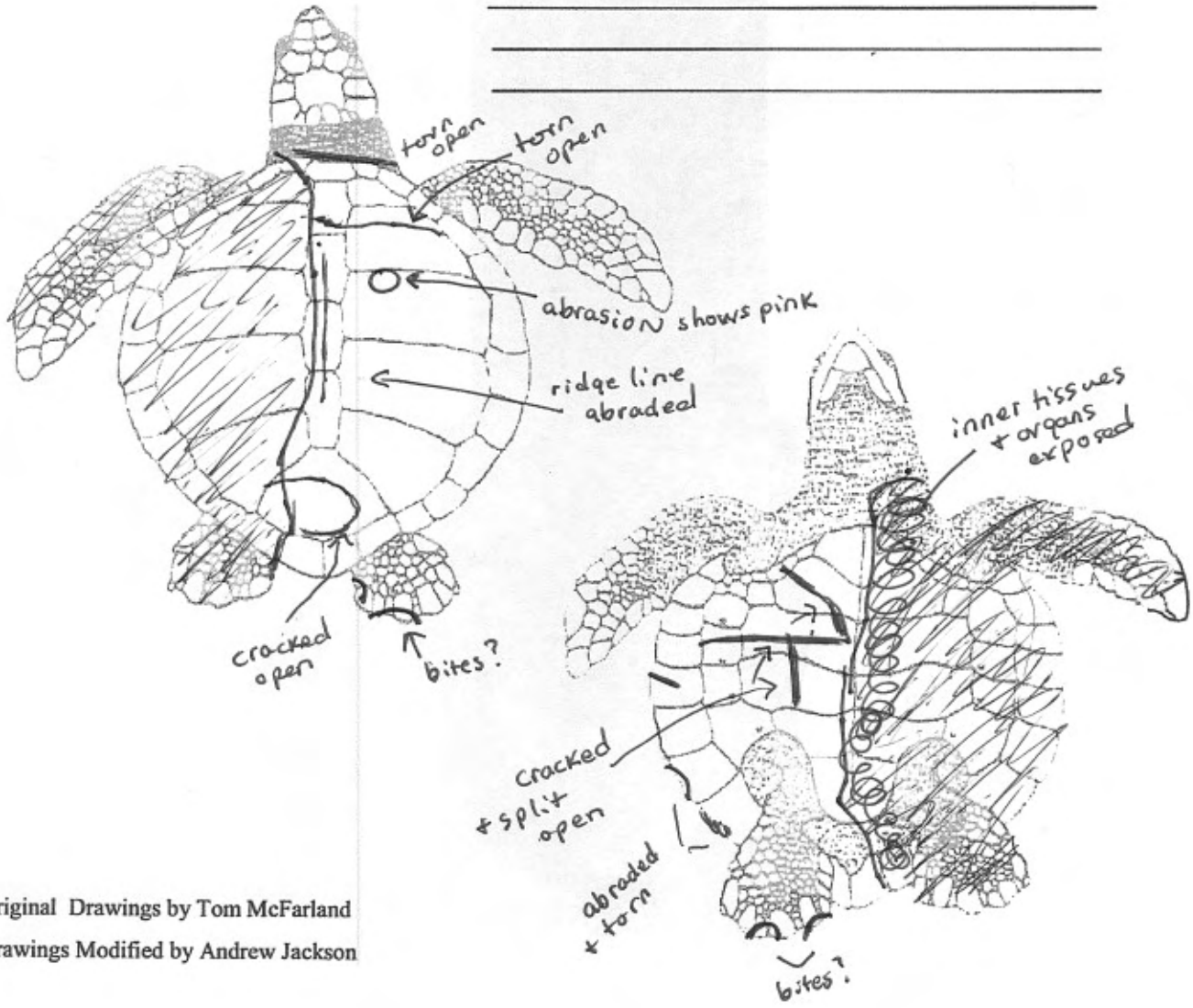


Take #3 11-5-07
load 293

Kemp's Ridley (*Lepidochelys kempii*)

Shade areas of turtle that are missing; sketch cracks and lacerations

Comments: 1/2 of the turtle with head recovered. Of the half recovered, carapace split behind 1st vertebral and last. No tagging visible on right flippers. Head undamaged. No barnacles present.



Original Drawings by Tom McFarland

Drawings Modified by Andrew Jackson