ENDANGERED SPECIES OBSERVER PROGRAM

SEA TURTLE INCIDENTAL TAKE DATA FORM

USACE DISTRICT: Galveston

PROJECT NAME: Freeport Harbor Channel Mtnce **DREDGE NAME:** Liberty Island

DATE: 11-2-07 **Time turtle take recovered (24hr):** 0820 **Turtle take # for project:** 1

LOAD #: 262 **Times (24hrs): Start** 0715 **End** 0748 **Load start date** 11-2-07

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

Channel location of take: Latitude 28°55.314 N **Longitude** 95°16.931 W

Other location / Channel description (e.g. buoy markers, landmarks): ~ Freeport Harbor Channel Entrance jetties & Dredging Station -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: 57 °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: Good

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** X **Sub-Adult** ___ **Adult** ___ **UN** ___

Measurements: *Circle units*

		Head Width:	5 (cm)/in
Plastron Length:	30 (cm)/in	**Plastron Width:**	31 (cm)/in
Carapace Straight Length:	___ cm/in	**Carapace Straight Width:**	___ cm/in
Carapace Curved Length:	39 (cm)/in	**Carapace Curved Width:**	33 (cm)/in

Measurement/description of part: fore flipper length 21 cm

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

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

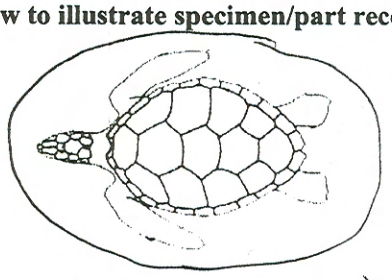
Final disposition of specimen: painted before disposal at dumping site. Galveston lab contacted first. NMFS Recommendations for turtle

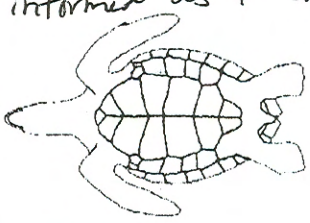
* **Comments:** Resuscitation measures instituted at time of take. Reflex test conducted multiple times. After no response at 5 hrs - declared dead. * No tag scars, no pit scanner available

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

Observer's name Leslie Osborn

* **Use diagrams below to illustrate specimen/part recovered:** Contacted Shana @ Galveston NMFS lab & she informed us to dispose of the carcass @ disposal site.





* painted carapace & head yellow

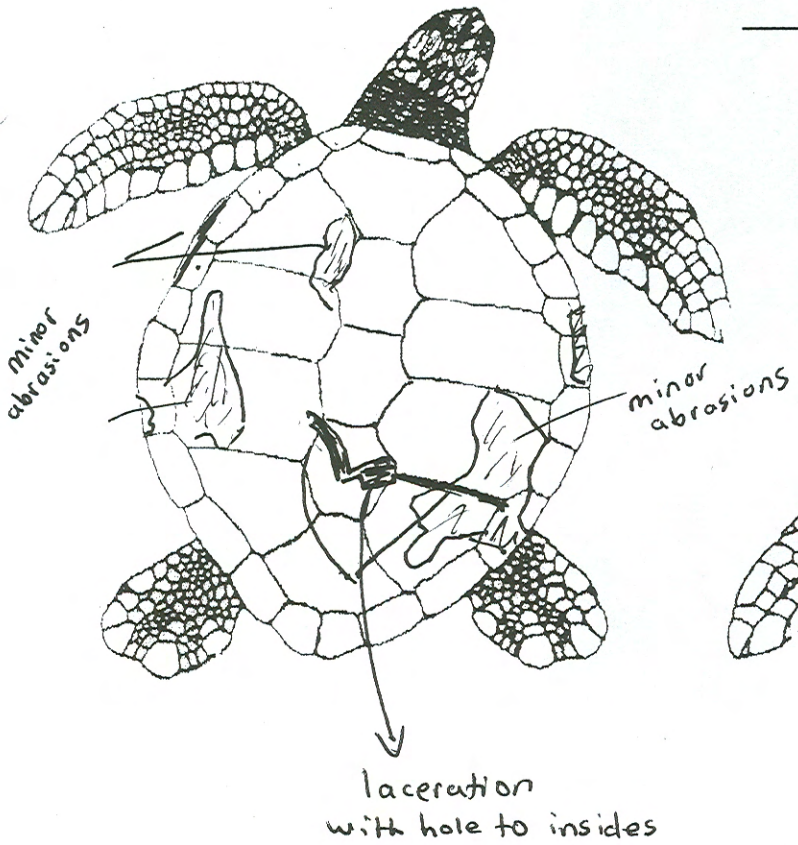
Disposal site - Box #43 @ 14.1 Hrs.

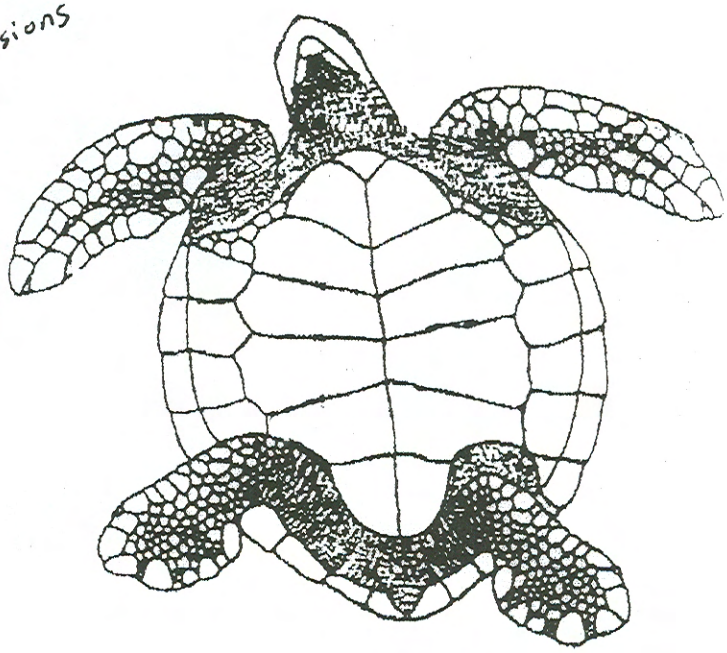
Take #1 11-2-07
Freeport

Green turtle (*Chelonia mydas)*

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

Comments: laceration + minor scute scuffs on carapace. No other injuries. external, laceration deepest on 4th vertebral and extending along line of 3rd + 4th costal scute





Original Drawings by Tom McFarland

Drawings Modified by Andrew Jackson