ENDANGERED SPECIES OBSERVER PROGRAM

SEA TURTLE INCIDENTAL TAKE DATA FORM

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

DATE: 08 Nov. 2007 **Time turtle take recovered (24hr):** 2022 **Turtle take # for project:** 2

LOAD #: 285 **Times (24hrs): Start** 1940 **End** 2022 **Load start date** 3 Nov. 2007

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): 0 to -5000

Location take recovered on dredge: Hopper (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: 62 °C/(°F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 73 °C/(°F) **Column (mid-depth)** N/A °C/°F **Bottom** N/A °C/°F

Condition of specimen: fresh dead - only head & (R) fore flipper 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** X **Sub-Adult** ___ **Adult** ___ **UN** ___

Measurements: Circle units

			Head Width:	4.0	(cm)/in
Plastron Length:	N/A	cm/in	**Plastron Width:**	N/A	cm/in
Carapace Straight Length:	N/A	cm/in	**Carapace Straight Width:**	N/A	cm/in
Carapace Curved Length:	N/A	cm/in	**Carapace Curved Width:**	N/A	cm/in

Measurement/description of part: (R) fore flipper - 21.4 cm from Humerus to tip of flipper

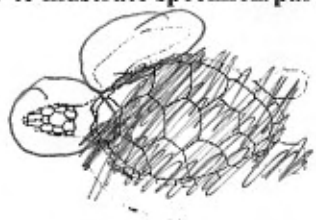
Genetic samples taken: YES ___ **NO** ___ **Photos taken: YES** X **NO** ___
Turtle tagged?: YES ___ **NO** X **Tag type:** — **Tag #:** — **Tag date:** —
Final disposition of specimen: _____

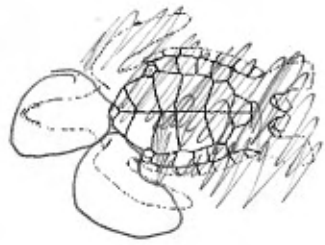
Comments: Age class estimated to be from juvenile to sub-adult. Head measurement taken from 2nd pair prefrontals between the eyes. Parts are being stored in freezer until further notice. Genetic sample will be taken if parts are disposed of.

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

Observer's name Jennifer Scott - ECO, Inc.

Use diagrams below to illustrate specimen/part recovered:

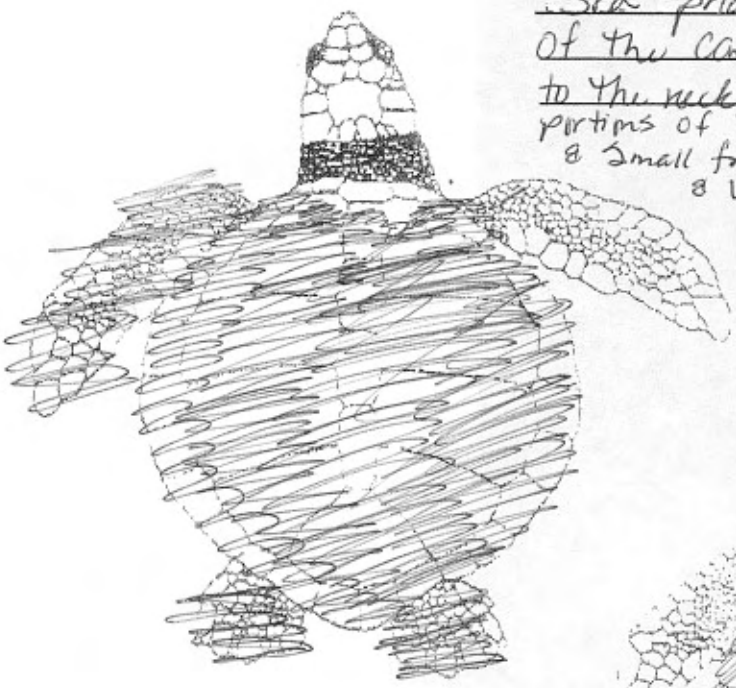




Kemp's Ridley (*Lepidochelys kempii*)

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

Comments: Head & (R) foreflipper found in lander @ 2022 Hrs on Load # 285 upon inspection. No other parts were found to recover. Curved head width taken at top of 2nd pair of pre-frontals - 4.0cm. A curved flipper length was taken from the ulna to the tip of the 3rd phalange - 21.4cm. Some of the carapace was still attached to the neck. The pieces included were portions of the nuchal, 1st marginals & small fragments of the 1st costals & vertebral.



Original Drawings by Tom McFarland

Drawings Modified by Andrew Jackson

Jennifer Scott - ECO, Inc.