PROJECT: Brunswick Harbor, GA

INCIDENT REPORT OF SEA TURTLE MORTALITY
AND DREDGING ACTIVITIES

Species: Kemp's Ridley (Lepidochelys kempii)

Date: 03/28/04 Time: 24 hour clock 2157

Geographic Site: Brunswick Entrance Channel

Location: Latitude 31° 03.22'n Longitude 81°15.14'w

Vessel Name: Padre Island

Type of Dredging Activity: Hopper, Maintenance, Clean-up

Load #: 5 Sampling Method: Inflow

Location Specimen Recovered: Port Aft Inflow

Draghead Deflector? YES X NO ____

Condition of Deflector: Good

Weather Conditions: Clear, wind 5-10kts, Sea 1'

Water Temp: Surface 60°F Column 59°F

Head Width: — Plastron Length: —

See sketch sheet for measurments

Carapace S.L. Length: ____ Carapace S.L. Width: ____

Carapace O.C. Length: ____ Carapace O.C. Width: ____

Condition of Specimen: Fresh

Turtle Tagged: YES ____ NO X

Tag #: ____ Tag Date: ____

Comments/Other: ____

Observer's Name: Andrew Jackson

ENDANGERED SPECIES OBSERVER PROGRAM

SEA TURTLE INCIDENTAL TAKE DATA FORM

USACE DISTRICT: Savanna GA
PROJECT NAME: Brunswick Harbor **DREDGE NAME:** Padre Island

DATE: 3-28-04 **Time turtle take recovered (24hr):** 2157 **Turtle take # for project:** 2

LOAD #: 05 **Times (24hrs): Start** 1825 **End** 2144 **Load start date** 2157

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

Channel location of take: Latitude 31° 03.20 N **Longitude** 81° 15.14 W
Other location / Channel description (e.g. buoy markers, landmarks): Seg buoy 1-2

Location take recovered on dredge: Port aft inflow

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: 65 °C/(F) (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))
WATER TEMP: Surface 60 °C/(F) **Column (mid-depth)** 59 °C/(F) **Bottom** 58 °C/(F)

Condition of specimen: 1 Fresh dead

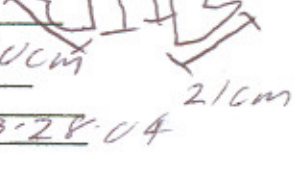
0 = Alive; 1 = (Fresh dead); 2 = Moderately decomposed; 3 = Severely decomposed; 4 = skeleton/old bone; 5 = undetermined

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

Measurements: ***Circle units***

		Head Width:	NA cm/in
Plastron Length:	NA cm/in	**Plastron Width:**	NA cm/in
Carapace Straight Length:	NA cm/in	**Carapace Straight Width:**	NA cm/in
Carapace Curved Length:	NA cm/in	**Carapace Curved Width:**	NA cm/in

Measurement/description of part: Posterior Portion carapace



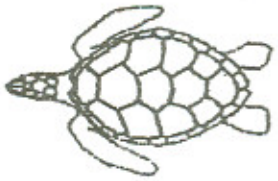
Genetic samples taken: YES X **NO** ___ **Photos taken: YES** X **NO** ___
Turtle tagged?: YES ___ **NO** X **Tag type:** ___ **Tag #:** ___ **Tag date:** ___
Final disposition of specimen: Turtle remains incinerated on 3-28-04

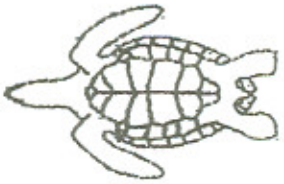
Comments: ___

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

Observer's name Andrew Jackson

Use diagrams below to illustrate specimen/part recovered:

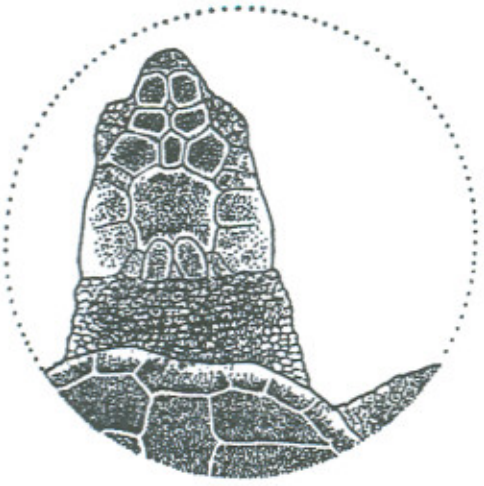




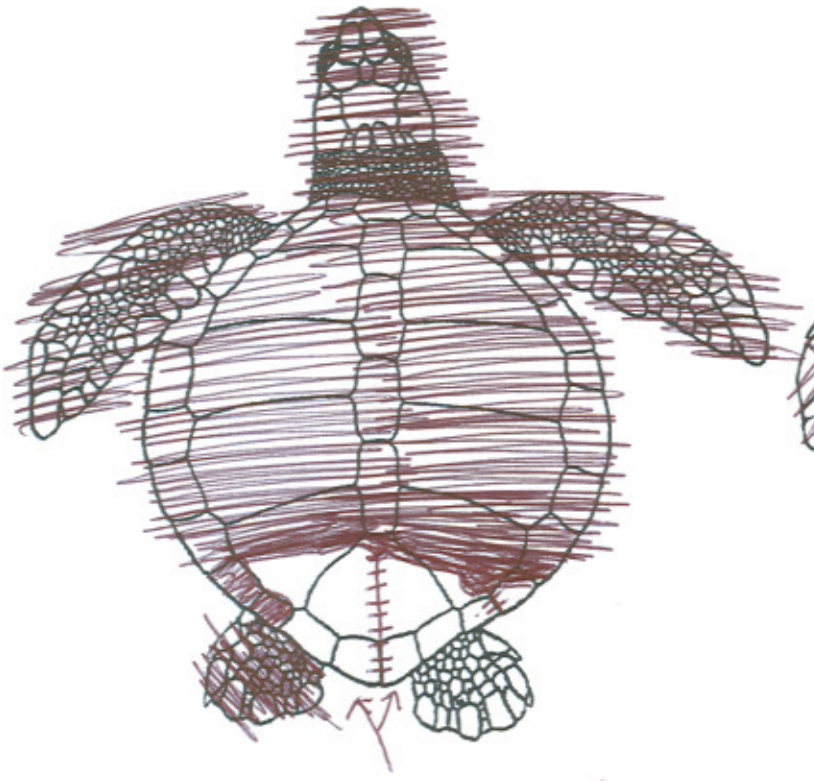
Lepidochelys kempii (Kemp's Ridley turtle)

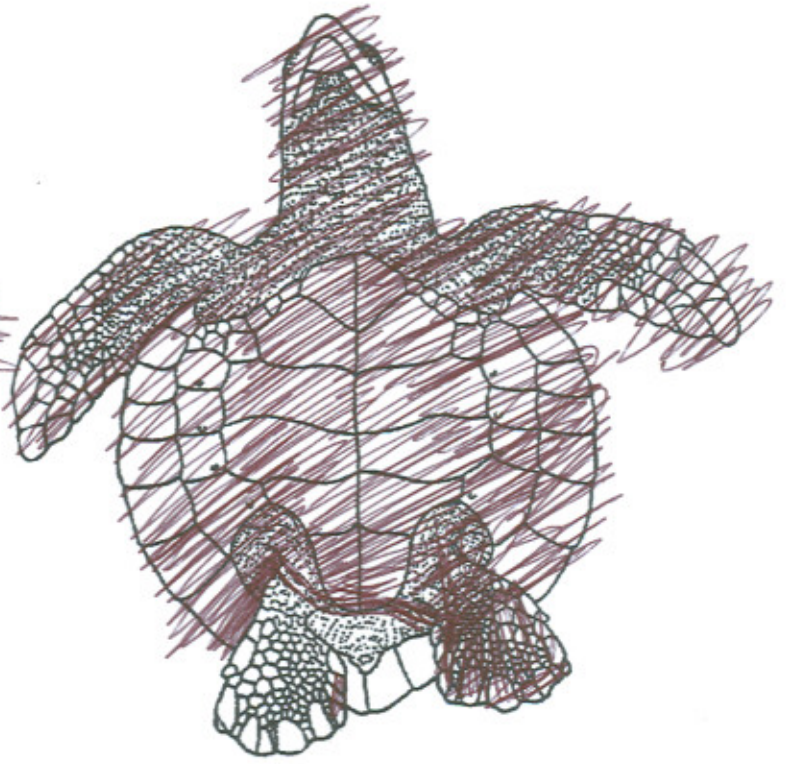
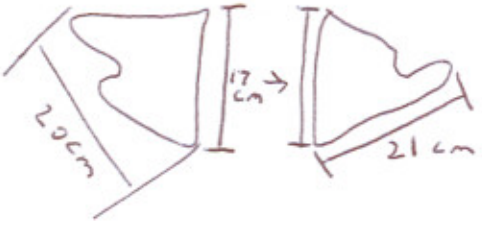
Andrew Jackson
Brunswick 03/28/04

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



Comments: Posterior portion of carapace found in port Afi box. Right hind flipper also present. General appearance, texture of muscle tissue + smell indicate this is a fresh take.





measurments of sections