

**ENDANGERED SPECIES OBSERVER PROGRAM**

**LOAD DATA FORM**

**USACE DISTRICT:** \_\_\_\_\_

**CONTRACT #:** \_\_\_\_\_ **Maintenance** \_\_\_\_\_ **New Work** \_\_\_\_\_ **PROJECT start date** \_\_\_\_\_

**PROJECT NAME:** \_\_\_\_\_ **DREDGE NAME:** \_\_\_\_\_

**DREDGE FIRM:** \_\_\_\_\_

**LOAD #:** \_\_\_\_\_ **LOAD start date:** \_\_\_\_\_

**Times (24hrs):** **Start** \_\_\_\_\_ **End** \_\_\_\_\_

**Load Start LAT/LONG:** \_\_\_\_\_

**Load End LAT/LONG:** \_\_\_\_\_

**Condition of screening :** **Port** \_\_\_\_\_ **Starboard** \_\_\_\_\_ **Overflow** \_\_\_\_\_

**Number of dragheads in use:** \_\_\_\_\_ **Type of dragheads used:** \_\_\_\_\_ **Size of dragheads:** \_\_\_\_\_

**Draghead deflector?** **YES** \_\_\_\_\_ **NO** \_\_\_\_\_ **Condition of deflector:** \_\_\_\_\_

**Type of material dredged:** \_\_\_\_\_

**Weather conditions:** \_\_\_\_\_

**Tidal stage (CIRCLE ONE):** **Slack** **Rising** **High** **Falling** **Low** **Unknown**

**Beaufort Sea States (Winds/Wave Height) (CIRCLE ONE)**

<b>0</b> = <1 knot/ 0 ft	<b>3</b> = 7-10 knot/ 2 ft	<b>6</b> = 22-27 knot/10 ft	<b>9</b> = 41-47 knot/23 ft	<b>12</b> = >63 knot/45
<b>1</b> = 1- 3 knot/ 0.25 ft	<b>4</b> = 11-16 knot/ 4 ft	<b>7</b> = 28-33 knot/14 ft	<b>10</b> = 48-55 knot/29 ft	
<b>2</b> = 4- 6 knot/ 0.5 ft	<b>5</b> = 17-21 knot/ 6 ft	<b>8</b> = 34-40 knot/18 ft	<b>11</b> = 56-63 knot/37 ft	

**Waves:** \_\_\_\_\_ **ft** **Wind (speed & direction):** \_\_\_\_\_

**AIR TEMP:** \_\_\_\_\_ °C / °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

**WATER TEMP:** **Surface** \_\_\_\_\_ °C / °F **Column (mid-depth)** \_\_\_\_\_ °C / °F **Bottom** \_\_\_\_\_ °C / °F

<b>SCREEN TYPE</b>	<b>Inflow screening:</b>	<b>None</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>100%</b>
	<b>Overflow screening:</b>	<b>None</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>100%</b>
	<b>Other screening:</b>	<b>None</b>	<b>25%</b>	<b>50%</b>	<b>75%</b>	<b>100%</b>

**Bed lever in use?** **YES** \_\_\_\_\_ **NO** \_\_\_\_\_ **Unknown** \_\_\_\_\_

**PORT SCREEN CONTENTS:** \_\_\_\_\_

**STARBOARD SCREEN CONTENTS:** \_\_\_\_\_

**Estimate number entrained on this load for the following:**

**Sturgeon (any species)** \_\_\_\_\_

**Shark (any species)** \_\_\_\_\_

**Horseshoe crab** \_\_\_\_\_

**Blue crab** \_\_\_\_\_

**TURTLE OR TURTLE PARTS PRESENT THIS LOAD:** **YES** \_\_\_\_\_ **NO** \_\_\_\_\_

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

**Comments:** \_\_\_\_\_

**Number observers used/24hrs:** \_\_\_\_\_ **% Monitoring/24 hrs:** **None** **25%** **50%** **75%** **100%**

**Observer's name:** \_\_\_\_\_

**Observer firm** \_\_\_\_\_

**Observer signature** \_\_\_\_\_

## DAILY REPORT

**PROJECT NAME:** \_\_\_\_\_ **DREDGE NAME:** \_\_\_\_\_

**Weather conditions:** \_\_\_\_\_

**AIR TEMP:** \_\_\_\_\_ °C/°F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))

**WATER TEMP:** Surface \_\_\_\_\_ °C / °F    Column (mid-depth) \_\_\_\_\_ °C / °F    Bottom \_\_\_\_\_ °C / °F

Condition of deflector: \_\_\_\_\_ Condition of screening: \_\_\_\_\_

**Bed lever in use? YES** \_\_\_\_\_ **NO** \_\_\_\_\_ **Unknown** \_\_\_\_\_

**Were there incidents involving endangered or protected species?    YES \_\_\_\_\_    NO \_\_\_\_\_**

**Which species? (complete incident form(s))**

**Comments (type of material, biological specimens, unusual circumstances, etc):** \_\_\_\_\_

[illegible]

Observer name \_\_\_\_\_

**USACE DISTRICT:** \_\_\_\_\_ **DREDGE NAME:** \_\_\_\_\_

**PROJECT NAME:** \_\_\_\_\_

[illegible]

Observer name \_\_\_\_\_

ENDANGERED SPECIES OBSERVER PROGRAM  
SEA TURTLE INCIDENTAL TAKE DATA FORM

USACE DISTRICT: \_\_\_\_\_  
PROJECT NAME: \_\_\_\_\_ DREDGE NAME: \_\_\_\_\_

DATE: \_\_\_\_\_ Time turtle take recovered (24hr): \_\_\_\_\_ Turtle take # for project: \_\_\_\_\_  
LOAD #: \_\_\_\_\_ Times (24hrs): Start \_\_\_\_\_ End \_\_\_\_\_ Load start date \_\_\_\_\_

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): \_\_\_\_\_

Sediment Type(s): Clay Mud Silt Sand (course) Sand (medium) Sand (fine) Sand (mixed)  
Shell Rock Other \_\_\_\_\_ Comments: \_\_\_\_\_

Location take recovered on dredge: \_\_\_\_\_

Number of dragheads in use at time of incident: \_\_\_\_\_ Draghead deflector? YES \_\_\_\_ NO \_\_\_\_  
Condition of deflector: \_\_\_\_\_ Condition of screening: \_\_\_\_\_

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: \_\_\_\_\_ °C / °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))  
WATER TEMP: Surface \_\_\_\_\_ °C / °F Column (mid-depth) \_\_\_\_\_ °C / °F Bottom \_\_\_\_\_ °C / °F

Condition of specimen: \_\_\_\_\_

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  
Plastron Width: \_\_\_\_\_ cm/in  
Carapace Straight Length: \_\_\_\_\_ cm/in Carapace Straight Width: \_\_\_\_\_ cm/in  
Carapace Curved Length: \_\_\_\_\_ cm/in Carapace Curved Width: \_\_\_\_\_ cm/in  
Measurement/description of part: \_\_\_\_\_

Genetic samples taken: YES \_\_\_\_ NO \_\_\_\_ Photos taken: YES \_\_\_\_ NO \_\_\_\_  
Turtle tagged?: YES \_\_\_\_ NO \_\_\_\_ Tag type: \_\_\_\_\_ Tag #: \_\_\_\_\_ Tag date: \_\_\_\_\_

Final disposition of specimen: \_\_\_\_\_

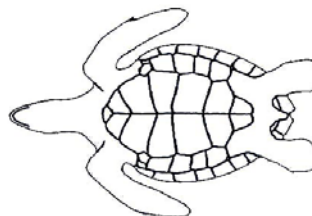
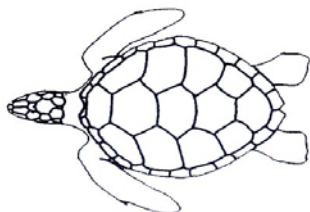
Comments: \_\_\_\_\_

Bed lever in use? YES \_\_\_\_ NO \_\_\_\_ Unknown \_\_\_\_

Load data form attached: YES \_\_\_\_ NO \_\_\_\_ Dredge load log attached: YES \_\_\_\_ NO \_\_\_\_

Observer's name: \_\_\_\_\_ Observer Firm: \_\_\_\_\_

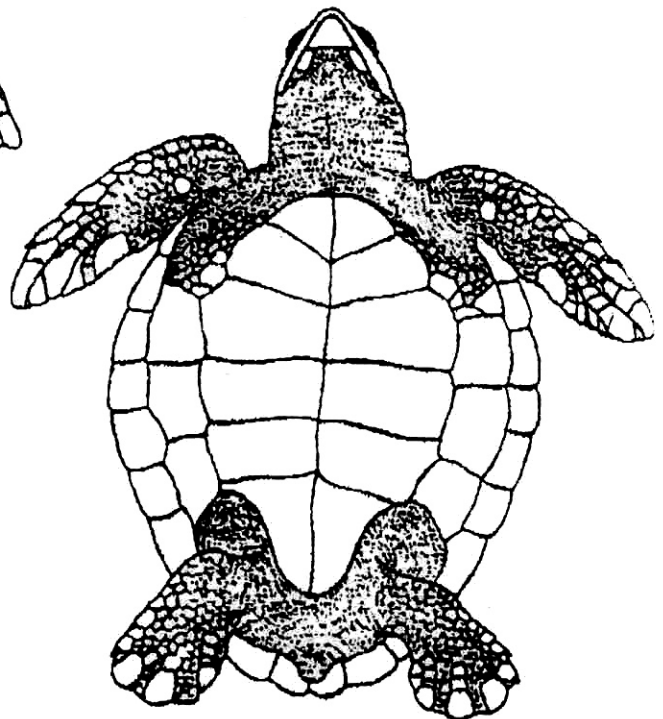
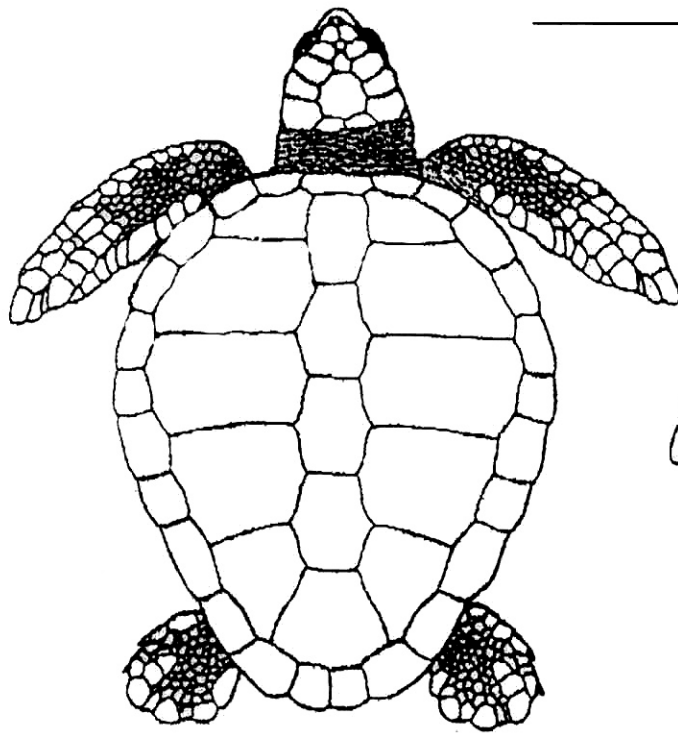
Use diagrams below to illustrate specimen/part recovered:



# Loggerhead (*Caretta caretta*)

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

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



# Kemp's Ridley (*Lepidochelys kempii*)

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

Comments:

---

---

---

---

---

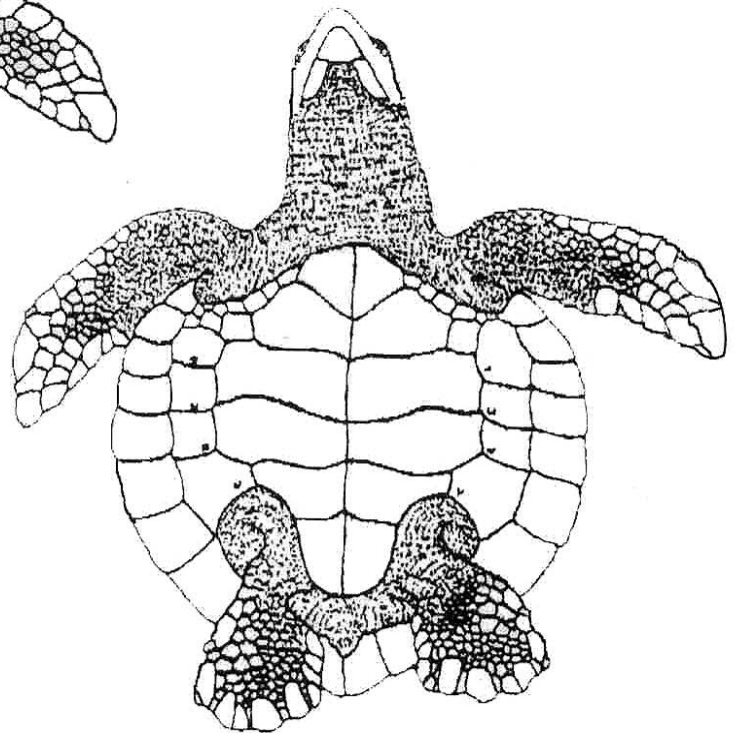
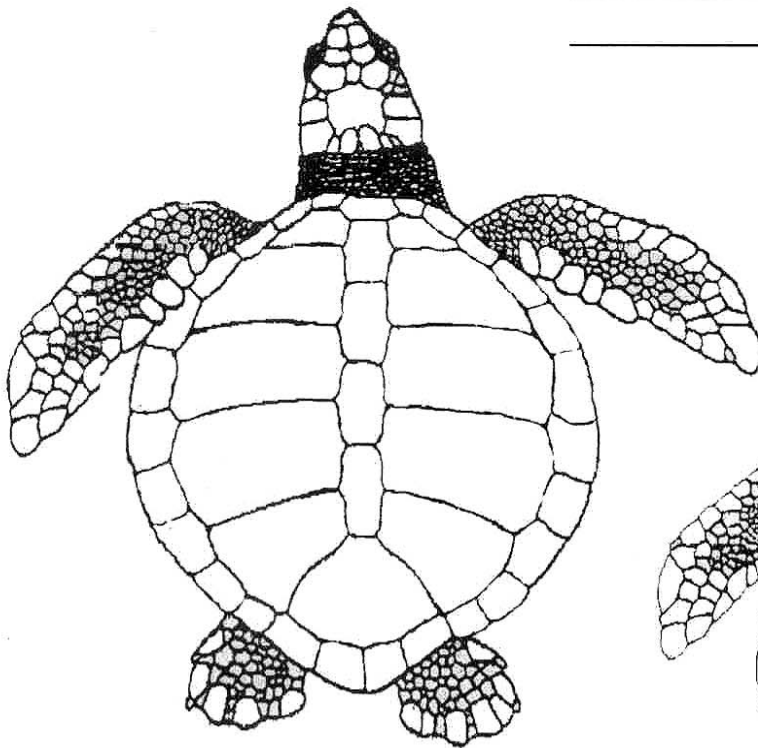
---

---

---

---

---



# Green turtle (*Chelonia mydas*)

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

Comments:

---

---

---

---

---

---

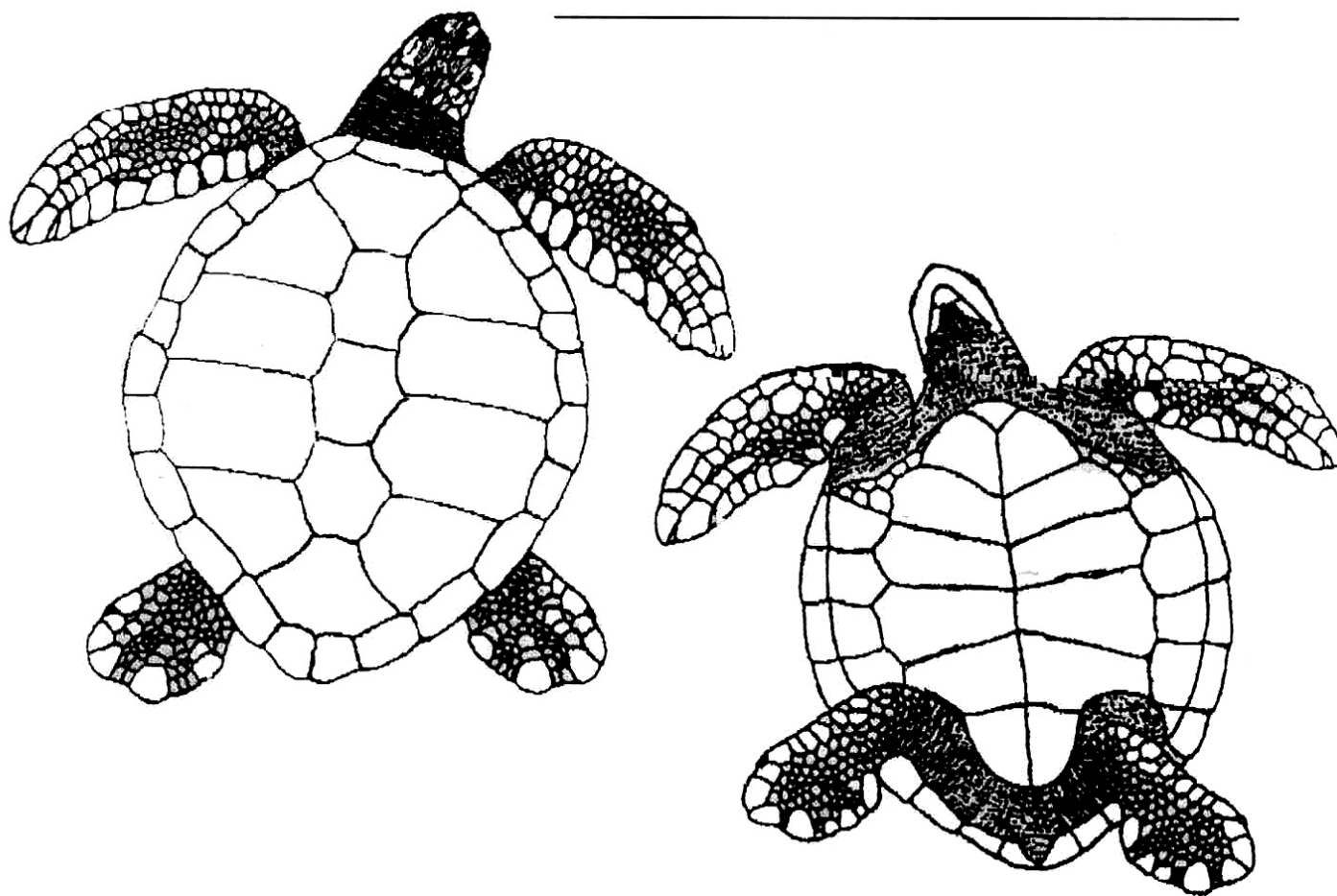
---

---

---

---

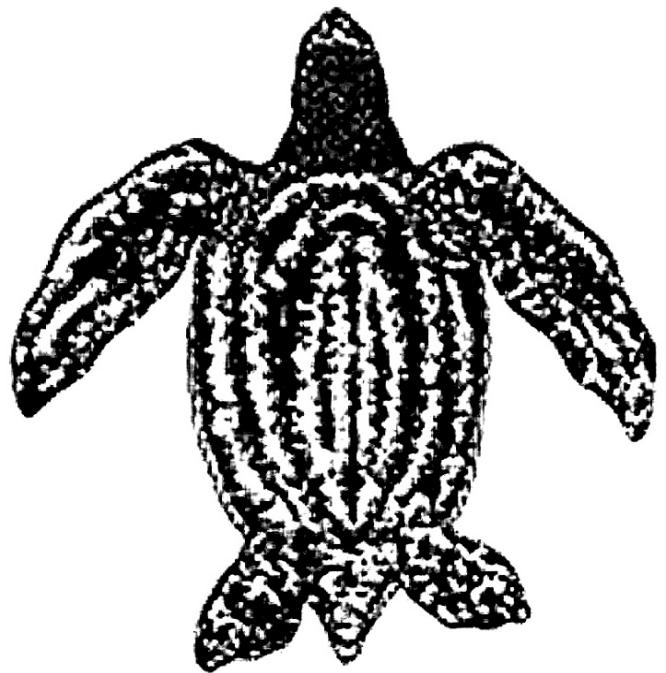
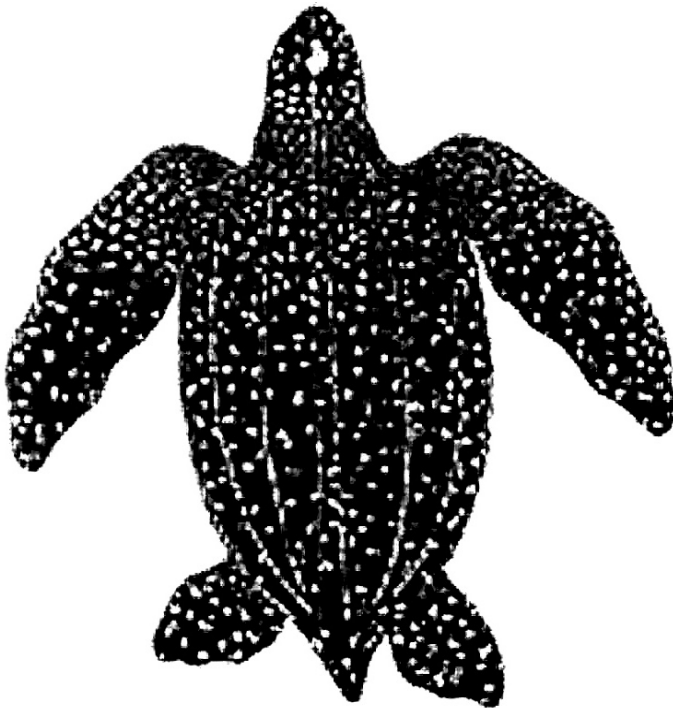
---



# Leatherback (*Dermochelys coriacea*)

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

Comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_





ENDANGERED SPECIES OBSERVER PROGRAM  
STURGEON INCIDENTAL TAKE DATA FORM

USACE DISTRICT: \_\_\_\_\_  
PROJECT NAME: \_\_\_\_\_ DREDGE NAME: \_\_\_\_\_

DATE: \_\_\_\_\_ Time sturgeon take recovered (24hr): \_\_\_\_\_ Sturgeon # for project: \_\_\_\_\_  
LOAD #: \_\_\_\_\_ Times (24hrs): Start \_\_\_\_\_ End \_\_\_\_\_ Load start date \_\_\_\_\_

SPECIES OF STURGEON TAKE: Shortnose \_\_\_\_\_ Gulf \_\_\_\_\_ Atlantic \_\_\_\_\_ Unknown \_\_\_\_\_

Channel location of take: Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
Other location / Channel description (e.g. buoy markers, landmarks): \_\_\_\_\_

Sediment Type(s): Clay \_\_\_\_\_ Mud \_\_\_\_\_ Silt \_\_\_\_\_ Sand (course) \_\_\_\_\_ Sand (medium) \_\_\_\_\_ Sand (fine) \_\_\_\_\_ Sand (mixed) \_\_\_\_\_  
Shell \_\_\_\_\_ Rock \_\_\_\_\_ Other \_\_\_\_\_ Comments: \_\_\_\_\_

Location take recovered on dredge: \_\_\_\_\_

Number of dragheads in use at time of incident: \_\_\_\_\_ Draghead deflector? YES \_\_\_\_\_ NO \_\_\_\_\_  
Condition of deflector: \_\_\_\_\_ Condition of screening: \_\_\_\_\_

Beaufort Sea State: 0 1 2 3 4 5 6 7 8 9 10 11 12

AIR TEMP: \_\_\_\_\_ °C / °F (°F = 9/5 (°C) + 32; °C = 5/9 (°F - 32))  
WATER TEMP: Surface \_\_\_\_\_ °C / °F Column (mid-depth) \_\_\_\_\_ °C / °F Bottom \_\_\_\_\_ °C / °F

Condition of specimen: \_\_\_\_\_

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

*Measurements (circle unit)*

Fork Length: \_\_\_\_\_ cm/in Standard Length: \_\_\_\_\_ cm/in Total Length: \_\_\_\_\_ cm/in  
Mouth width: \_\_\_\_\_ cm/in Head width at eyes: \_\_\_\_\_ cm/in Other: \_\_\_\_\_ cm/in  
Rows of preanal shields: 1 (SNS) 2 (ATL) # dorsal scutes: \_\_\_\_\_ # lateral scutes: \_\_\_\_\_ # ventral scutes: \_\_\_\_\_  
SNS=8-13/ATL=7-16 SNS=22-33/ATL=24-35 SNS=7-11/ATL=6-9

Description of specimen: \_\_\_\_\_

Genetic samples taken: YES \_\_\_\_\_ NO \_\_\_\_\_ Photos taken: YES \_\_\_\_\_ NO \_\_\_\_\_  
Sample frozen/preserved: YES \_\_\_\_\_ NO \_\_\_\_\_  
Final disposition of specimen: \_\_\_\_\_

Comments: \_\_\_\_\_

Bed lever in use? YES \_\_\_\_\_ NO \_\_\_\_\_ Unknown \_\_\_\_\_

Load data form attached: YES \_\_\_\_\_ NO \_\_\_\_\_ Dredge load log attached: YES \_\_\_\_\_ NO \_\_\_\_\_

Observer's name \_\_\_\_\_ Observer Firm: \_\_\_\_\_

Use diagram below to illustrate specimen/part recovered:



ENDANGERD SPECIES OBSERVER PROGRAM  
**LARGE WHALE OBSERVATION DATA**

USACE DISTRICT: \_\_\_\_\_

PROJECT: \_\_\_\_\_

DATE: \_\_\_\_\_ VESSEL: \_\_\_\_\_

Load # \_\_\_\_\_ Times: Start \_\_\_\_\_ End \_\_\_\_\_ Dump \_\_\_\_\_

Location(lat/long) \_\_\_\_\_ X \_\_\_\_\_

Beaufort Sea State:    0       1       2       3       4       5       6       7       8       9       10       11       12

AIR TEMP: \_\_\_\_\_ ° C / ° F    WATER TEMP: \_\_\_\_\_ ° C / ° F    WINDS: \_\_\_\_\_    SEAS: \_\_\_\_\_    % CLOUD COVER: \_\_\_\_\_

Start Sighting Time: \_\_\_\_\_ Vessel location (lat/long) \_\_\_\_\_ X \_\_\_\_\_

Magnetic bearing to sighting: \_\_\_\_\_ Estimated distance: \_\_\_\_\_

Species observed: \_\_\_\_\_ # of animals: \_\_\_\_\_

Vessel's heading: \_\_\_\_\_ Animal's heading: \_\_\_\_\_

Estimated length of whale(s): \_\_\_\_\_

Coloration: \_\_\_\_\_

Fins or flippers observed: \_\_\_\_\_

Behaviors observed: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Surfacing intervals (time and distance): \_\_\_\_\_

End Sighting Time: \_\_\_\_\_ Vessel location (lat/long) \_\_\_\_\_ X \_\_\_\_\_

Duration of observation: \_\_\_\_\_

Comments (was whale's behavior affected by vessel? how far and in what direction did whale(s) move during observation? who was notified?): \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Bed lever in use?   YES \_\_\_\_   NO \_\_\_\_   Unknown \_\_\_\_

Observers on Duty: \_\_\_\_\_ Observer Firm: \_\_\_\_\_

Report Whale Sightings to FACSACJAX Bristol Division commercial at (904) 542-2004  
Report Northeast Whale Sightings to (978) 585-8473