

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 \_\_\_\_\_

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)

0 = <1 knot/ 0 ft      3 = 7-10 knot/ 2 ft      6 = 22-27 knot/10 ft      9 = 41-47 knot/23 ft      12 = >63 knot/45

1 = 1- 3 knot/ 0.25 ft      4 = 11-16 knot/ 4 ft      7 = 28-33 knot/14 ft      10 = 48-55 knot/29 ft

2 = 4- 6 knot/ 0.5 ft      5 = 17-21 knot/ 6 ft      8 = 34-40 knot/18 ft      11 = 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

SCREEN TYPE	Inflow screening:	None	25%	50%	75%	100%
	Overflow screening:	None	25%	50%	75%	100%
	Other screening:	None	25%	50%	75%	100%

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 \_\_\_\_\_





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

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

Carapace Straight Length: \_\_\_\_\_ cm/in Plastron Width: \_\_\_\_\_ cm/in

Carapace Curved Length: \_\_\_\_\_ cm/in Carapace Straight Width: \_\_\_\_\_ 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: \_\_\_\_\_

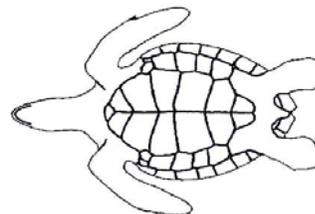
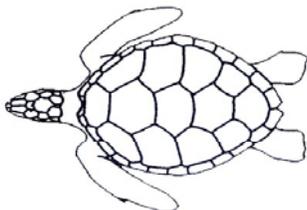
Final disposition of specimen: \_\_\_\_\_

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

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

Observer's name \_\_\_\_\_

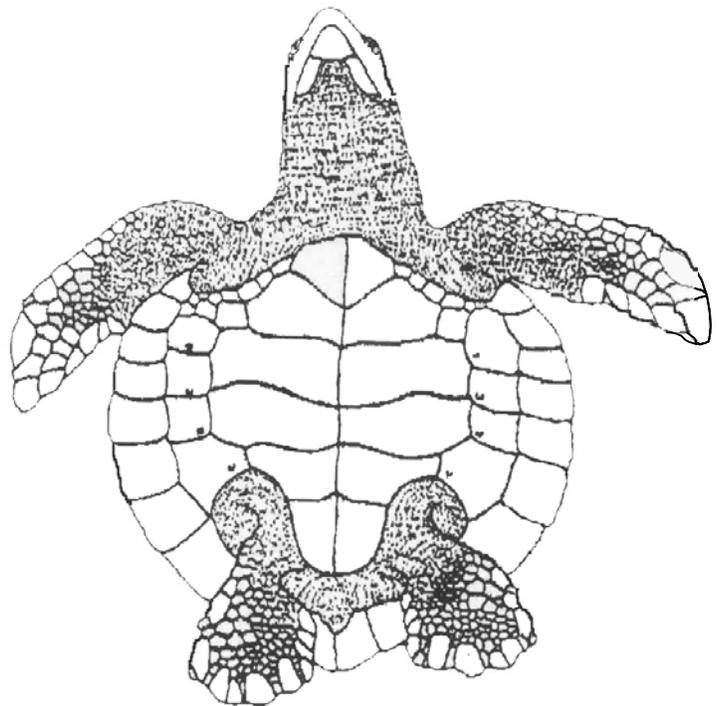
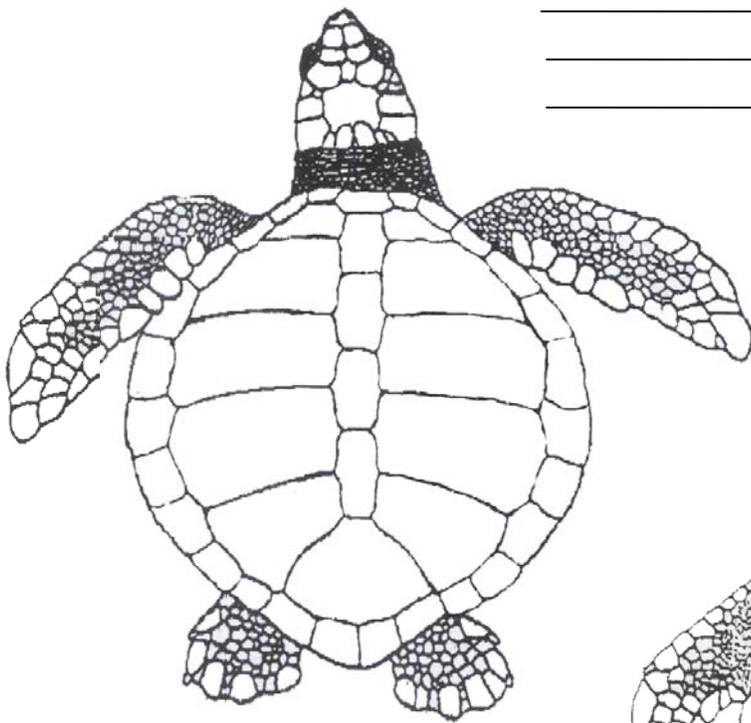
Use diagrams below to illustrate specimen/part recovered:



# Kemp's Ridley (*Lepidochelys kempii*)

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

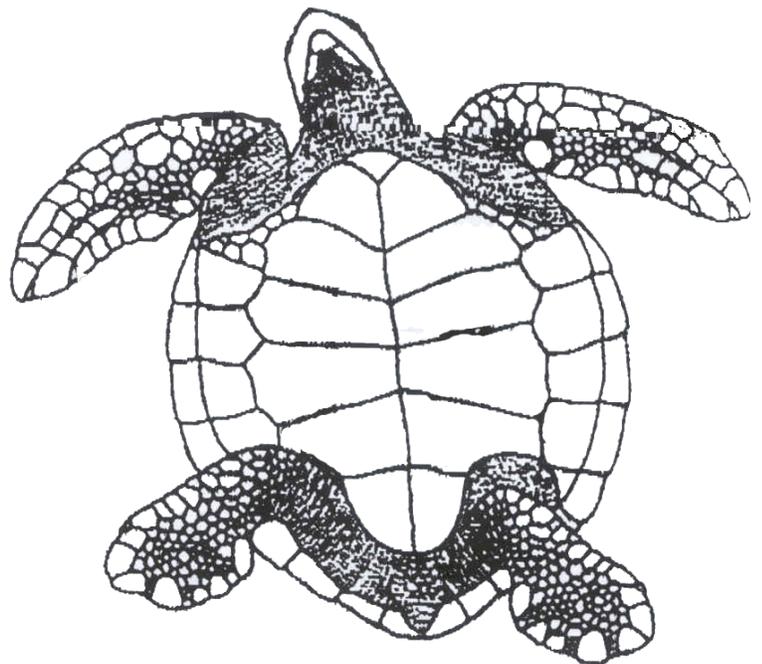
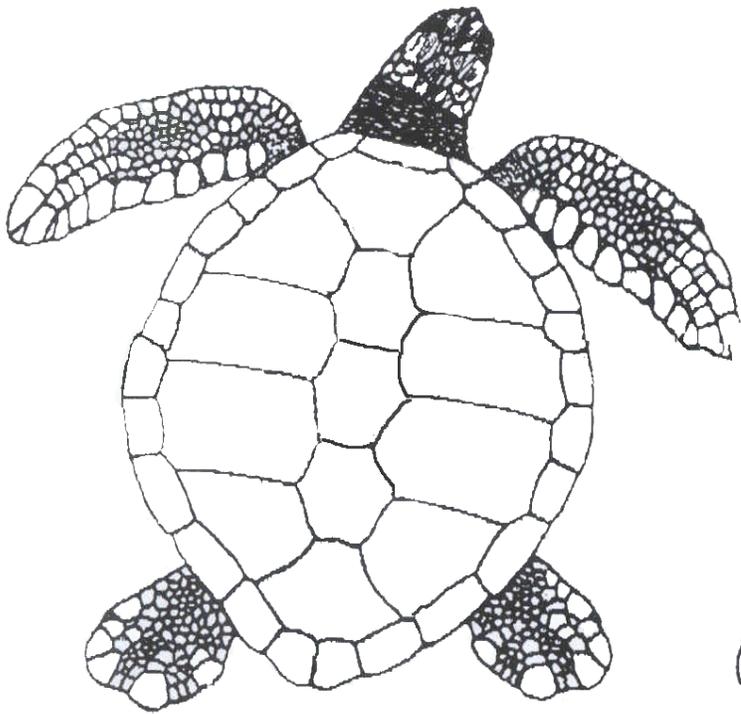
Comments: \_\_\_\_\_  
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# Green turtle (*Chelonia mydas*)

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

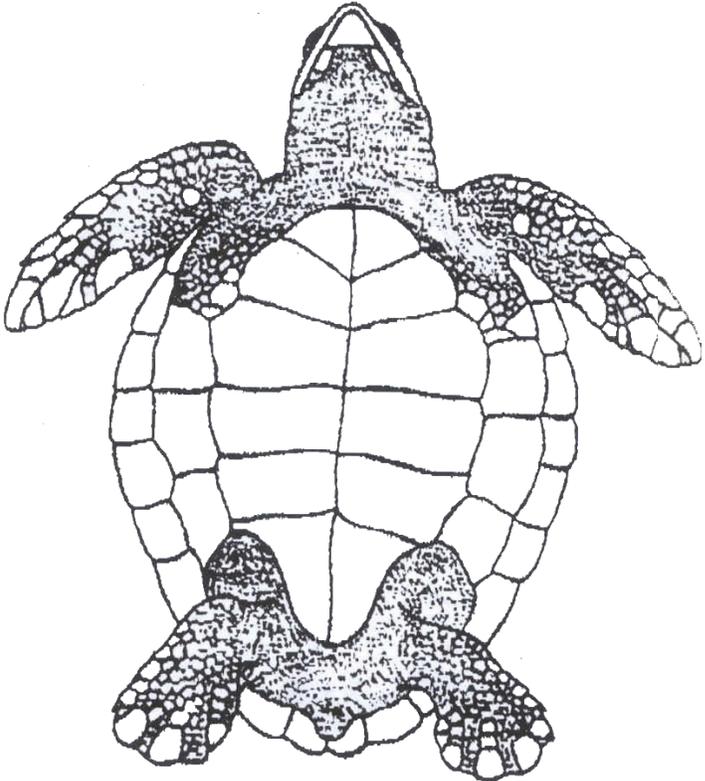
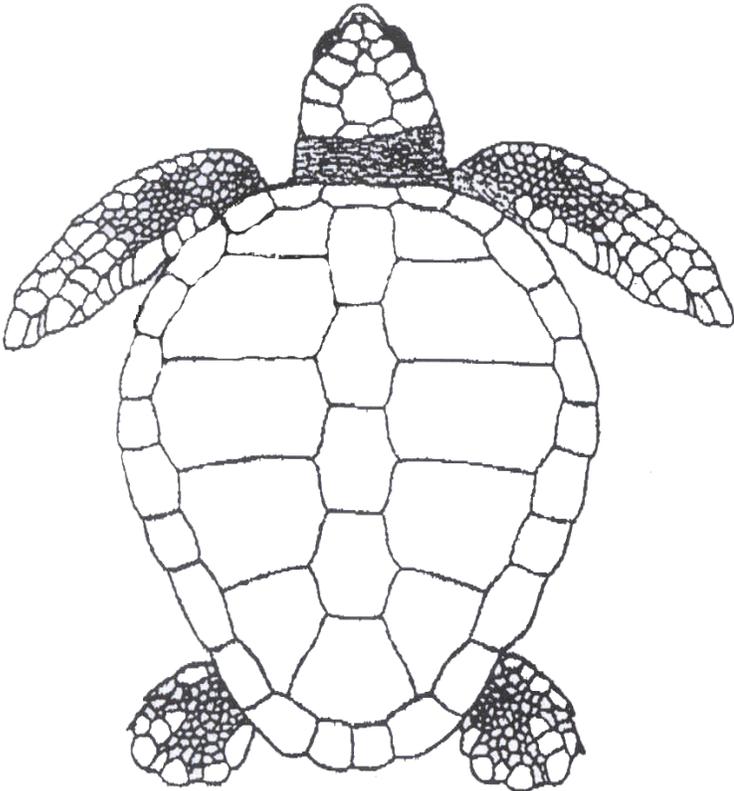
Comments: \_\_\_\_\_  
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# Loggerhead (*Caretta caretta*)

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

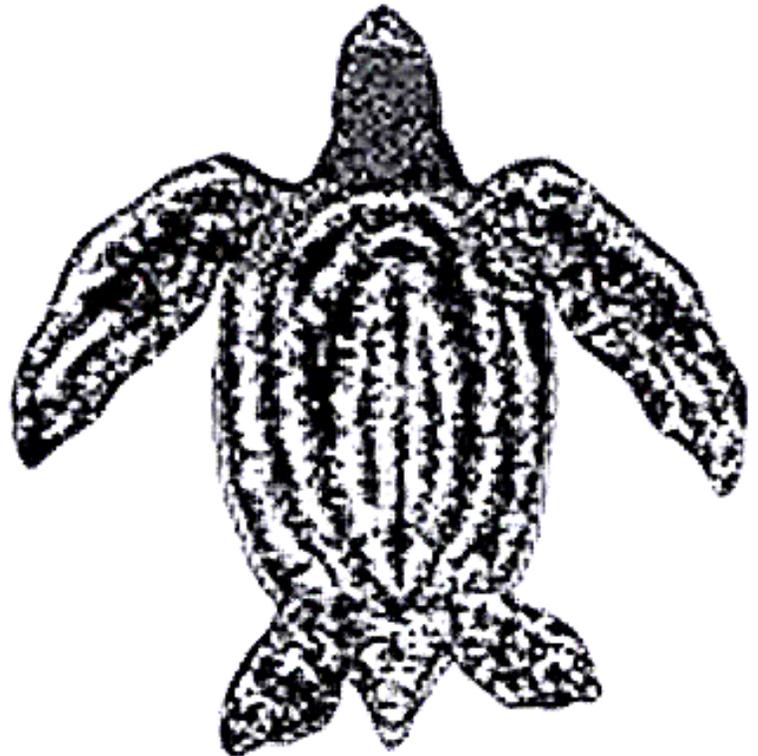
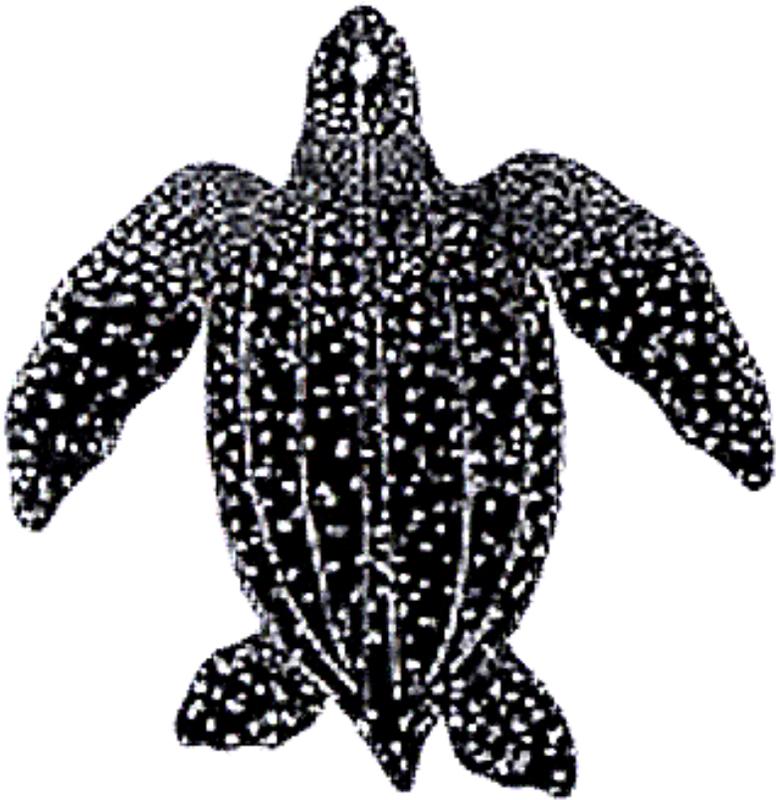
Comments: \_\_\_\_\_  
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# Leatherback (*Dermochelys coriacea*)

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

Comments: \_\_\_\_\_  
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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 \_\_\_\_\_ Other \_\_\_\_\_ Unknown \_\_\_\_\_

Channel location of take: Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

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

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/description of specimen: \_\_\_\_\_

Genetic samples taken: YES \_\_\_ NO \_\_\_ Photos taken: YES \_\_\_ NO \_\_\_

Sample frozen/preserved: YES \_\_\_ NO \_\_\_

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

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

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

Observer's name \_\_\_\_\_

Use diagram below to illustrate specimen/part recovered:



**ENDANGERED SPECIES OBSERVER PROGRAM**

**Large Whale Observation Data**

**(Append to Daily Report)**

**Vessel** \_\_\_\_\_

**Project** \_\_\_\_\_

**Date** \_\_\_\_ / \_\_\_\_ / \_\_\_\_

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

Location(lat/long) \_\_\_\_\_ X \_\_\_\_\_ Beau Sea State \_\_\_\_\_

Wind Direction \_\_\_\_\_ Speed \_\_\_\_\_ Cloud Cover(%) \_\_\_\_\_ H<sub>2</sub>O Surf. Temp \_\_\_\_\_

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 effected by vessel? how far and in what direction did whale(s) move during observation? who was notified?)

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Observers on Duty: \_\_\_\_\_