

# Operations & Dredging Endangered Species System

## Dredge Load



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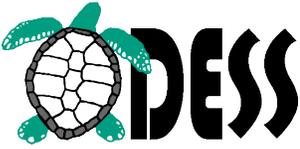
District <input type="text"/>	Project <input type="text"/>	Contract <input type="text"/>	Dredge <input type="text"/>	Dredging Company <input type="text"/>
Load Number (Required)/Date <input type="text"/>	Start Date (Required) <input type="text"/>	Start Time (24 hours) (Required) <input type="text"/>	Stop Date (Required) <input type="text"/>	Stop Time (24 hours) (Required) <input type="text"/>
<u>Port Screen Condition</u> <input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Bad  <u>Starboard Screen Condition</u> <input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Bad  <u>Overflow Screen Condition</u> <input type="checkbox"/> Excellent <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Bad  <u>Inflow Screen Percent</u> <input type="checkbox"/> 25% <input type="checkbox"/> 50% <input type="checkbox"/> 75% <input type="checkbox"/> 100%  <u>Overflow Screen Percent</u> <input type="checkbox"/> 25% <input type="checkbox"/> 50% <input type="checkbox"/> 75% <input type="checkbox"/> 100%  <u>Other Screen Percent</u> <input type="checkbox"/> 25% <input type="checkbox"/> 50% <input type="checkbox"/> 75% <input type="checkbox"/> 100%  <u># Dragheads Used</u> <input type="text"/>  <u>Draghead Length (ft)</u> <input type="text"/>	<u>Draghead Width (ft)</u> <input type="text"/>  <u>Draghead Type</u> <input type="checkbox"/> California Style <input type="checkbox"/> IHC <input type="checkbox"/> IHC + Water Injection <input type="checkbox"/> Wild Dragon <input type="checkbox"/> Other (Specify) <input type="text"/>  <u>Deflector Condition</u> <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor <input type="checkbox"/> None  <u>Bed Leveler in Use?</u> <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown  <u>UXO Screening in Use?</u> <input type="checkbox"/> Yes <input type="checkbox"/> No  <u>Material Type</u> <input type="checkbox"/> Clay <input type="checkbox"/> Consolidated Material <input type="checkbox"/> Mud <input type="checkbox"/> Other <input type="checkbox"/> Rock <input type="checkbox"/> Sand - Course <input type="checkbox"/> Sand - Fine <input type="checkbox"/> Sand - Medium <input type="checkbox"/> Sand - Mixed <input type="checkbox"/> Shell <input type="checkbox"/> Silt <input type="checkbox"/> Unknown	<u>Weather Conditions</u> <input type="checkbox"/> Sunny <input type="checkbox"/> Cloudy <input type="checkbox"/> Partly Cloudy  <u>Beaufort Sea Scale</u> <input type="checkbox"/> 0 (0-1 kn, 0-0 ft) <input type="checkbox"/> 1 (1-3 kn, 0-1 ft) <input type="checkbox"/> 2 (4-6 kn, 1-2 ft) <input type="checkbox"/> 3 (6-10 kn, 2-3.5 ft) <input type="checkbox"/> 4 (10-16 kn, 3.5-6 ft) <input type="checkbox"/> 5 (16-21 kn, 6-9 ft) <input type="checkbox"/> 6 (21-27 kn, 9-13 ft) <input type="checkbox"/> 7 (27-33 kn, 13-19 ft) <input type="checkbox"/> 8 (33-40 kn, 19-25 ft) <input type="checkbox"/> 9 (40-47 kn, 25-32 ft) <input type="checkbox"/> 10 (47-55 kn, 32-41 ft) <input type="checkbox"/> 11 (55-63 kn, 41-52 ft) <input type="checkbox"/> 12 (>63 kn, >52 ft)  <u>Wave Height (ft)</u> <input type="text"/>  <u>Wind Speed (K)</u> <input type="text"/>  <u>Wind Direction (°)</u> <input type="text"/>  <u>Tide</u> <input type="checkbox"/> High <input type="checkbox"/> Low <input type="checkbox"/> Slack <input type="checkbox"/> Rising <input type="checkbox"/> Falling <input type="checkbox"/> Unknown  <u>Air Temp (°F) (9/5[°C]+32)</u> <input type="text"/>	<u>Surface Water Temp (°F)</u> <input type="text"/>  <u>Mid-Depth Water Temp (°F)</u> <input type="text"/>  <u>Bottom Water Temp (°F)</u> <input type="text"/>  <u>Trawling Being Conducted?</u> <input type="checkbox"/> Yes <input type="checkbox"/> No  <u>Any Incidents Involving Endangered or Protected Species?</u> <input type="checkbox"/> Yes <input type="checkbox"/> No  <u>If Yes, Which Species? (Complete a Turtle or Sturgeon Incident form)</u> <input type="checkbox"/> Green <input type="checkbox"/> Hawksbill <input type="checkbox"/> Kemp's Ridley <input type="checkbox"/> Leatherback <input type="checkbox"/> Loggerhead <input type="checkbox"/> Sturgeon <input type="checkbox"/> Unknown  <u>Whale Sighting Notification Received?</u> <input type="checkbox"/> Yes <input type="checkbox"/> No  <u>Alert Sent to District?</u> <input type="checkbox"/> Yes <input type="checkbox"/> No	<u>Screen Contents</u> 1 Screen Name <input type="text"/> Contents (incl. # of each item) <input type="text"/>  2 Screen Name <input type="text"/> Contents (incl. # of each item) <input type="text"/>  3 Screen Name <input type="text"/> Contents (incl. # of each item) <input type="text"/>  4 Screen Name <input type="text"/> Contents (incl. # of each item) <input type="text"/>  5 Screen Name <input type="text"/> Contents (incl. # of each item) <input type="text"/>  6 Screen Name <input type="text"/> Contents (incl. # of each item) <input type="text"/>

Comments

# Observers Used/24 Hours <input type="text"/>	% Monitoring/Project <input type="checkbox"/> None <input type="checkbox"/> 75% <input type="checkbox"/> 25% <input type="checkbox"/> 100% <input type="checkbox"/> 50%	Observer(s) Name(s) (Req; Print) <input type="text"/>	Observer(s) Signature(s) <input type="text"/>	Observer(s) Company <input type="text"/>
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**Notes:**

- Screen—Aft/Center/Fwd/Mid/Overflow/Port/Starboard
- Screen Contents—Atlantic Sturgeon/Blue Crab/Blue Whale/Greenback/Gulf Sturgeon/Hawksbill/Horseshoe Crab/Humpback Whale/Kemp's Ridley/Leatherback/Loggerhead/Other/Shark/Shortnose Sturgeon/Sperm Whale, Unknown



# Operations & Dredging Endangered Species System Turtle Incident



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District  Project  Contract

Dredge  Dredging Company  Species (Required)  Green  Hawksbill  Kemp's Ridley  Leatherback  Loggerhead  Unknown

Load Number (Required)/Date  Is this a Take? (Required)  Yes  No Project Incident # (Required)  Trawling Being Conducted?  Yes  No Bed Leveler in Use?  Yes  Unknown  No

Recovery Date (Required)  Recovery Time (24 hours) (Required)  Incident/Take Description

Air Temp (°F) [9/5(°C)+32]  Surface Water Temperature (°F)

Mid-Depth Water Temperature (°F)  Bottom Water Temperature (°F)

Location Specimen Recovered  Deck  Draghead  Inflow Cage (Circle one) Starboard/Port/Other  Hopper  Overflow Screen (Circle one) Starboard/Port/Other  Pipe

Location Comment

Age Class  Juvenile (10.1-80 cm)  Sub-Adult (80.1-87 cm)  Adult (>87 cm)  Unknown Gender  Female  Male  Unknown Specimen Condition  Alive  Dead  Fresh Dead  Moderately Decomposed  Severely Decomposed  Skeleton  Skeleton Old Bone  Undetermined

Tag Type  Flipper  Pit  Other (Specify)  Head Width (cm/in)

How Gender Determined  Tail Length  Eggs Observed  Other  Photo Attached? (If Yes, label the species, date, geographic site, and dredge name on the photo)  Yes  No

Tag Number  Plastron Length (cm/in)

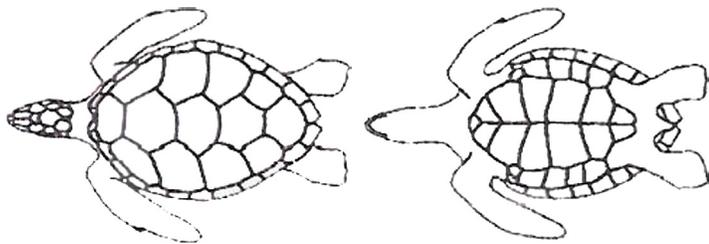
Carapace Straight Length (cm/in)  Carapace Curved Length (cm/in)

Tag Date  Plastron Width (cm/in)

Carapace Straight Width (cm/in)  Carapace Curved Width (cm/in)

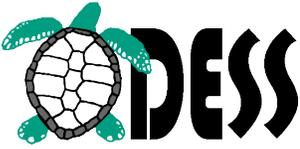
Genetic Samples Taken?  Yes  No Final Disposition of Specimen

Use these diagrams to illustrate the specimen/part that was recovered.



Comments

Observer(s) Name(s) (Required; Print)  Observer(s) Signature(s)  Observer(s) Company



# Operations & Dredging Endangered Species System Sturgeon Incident



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District  Project  Contract

Dredge  Dredging Company  Species (Required)  
 Atlantic  Gulf  Unknown  
 Green  Shortnose

Load Number (Required)/Date  Recovery Date (Required)  Recovery Time (24 hours) (Required)  Is this a Take? (Required)  
 Yes  
 No

Incident/Take Description

Location Specimen Recovered  Deck  Hopper  Draghead  Overflow Screen (Circle one)  Inflow Cage (Circle one) Starboard/Port/Other  Pipe  
Specimen Condition  Alive  Dead  Fresh Dead  Moderately Decomposed  Severely Decomposed  Skeleton  Skeleton Old Bone  Undetermined  
Rows of Preanal Shields (SSN = 1/ATL = 2)

Location Comment

# Dorsal Scutes (SSN = 8-13/ATL = 7-16)  # Lateral Scutes (SSN = 22-33/ATL = 24-35)  # Ventral Scutes (SSN = 7-11/ATL = 6-9)

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)

Trawling Being Conducted?  Yes  No  Unknown  
Bed Leveler in Use?  Yes  No  Unknown  
Photo Attached? (If Yes, label the species, date, geographic site, and dredge name on the photo)  Yes  No

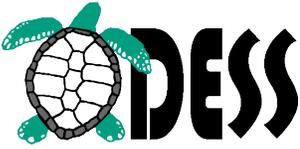
Genetic Samples Taken?  Yes  No  
Samples Frozen/Preserved?  Yes  No

Comments

Use these diagrams to illustrate the specimen/part that was recovered.



Observer(s) Name(s) (Required; Print)  Observer(s) Signature(s)  Observer(s) Company



# Operations & Dredging Endangered Species System Marine Mammal Observation



US Army Corps  
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District  Project  Contract

Dredge  Dredging Company  Load Number (Required)/Date

Start Date (Required)  Start Time (24 hours) (Required)  End Date (Required)  End Time (24 hours) (Required)

Beaufort Sea State  
 0 (0-1 kn, 0-0 ft)  
 1 (1-3 kn, 0-1 ft)  
 2 (4-6 kn, 1-2 ft)  
 3 (6-10 kn, 2-3.5 ft)  
 4 (10-16 kn, 3.5-6 ft)  
 5 (16-21 kn, 6-9 ft)  
 6 (21-27 kn, 9-13 ft)  
 7 (27-33 kn, 13-19 ft)  
 8 (33-40 kn, 19-25 ft)  
 9 (40-47 kn, 25-32 ft)  
 10 (47-55 kn, 32-41 ft)  
 11 (55-63 kn, 41-52 ft)  
 12 (>63 kn, >52 ft)

Species Observed (Required)  
 Bryde's/Sei Whale  
 Fin Whale  
 Humpback Whale  
 Manatee  
 Minke Whale  
 Pilot Whale  
 Right Whale  
 Unknown

Number of Animals

Air Temp (°F) [9/5(°C)+32]  Water Temp (°F)  Winds (K)  Seas (ft)  Cloud Cover (%)

Magnetic Bearing to Sighting  Estimated Distance  Vessel's Heading  Animal's Heading

Estimated Length of Whale (ft)  Coloration  Fins or Flippers Observed

Behaviors Observed

Surfacing Intervals Time

Surfacing Intervals Distance

Bed Leveler in Use?  
 Yes  Unknown  
 No

Comments (Was the whale's behavior affected by the vessel? How far did the whale[s] move? Who was notified?)

Observer(s) Name(s) (Required; Print)  Observer(s) Signature(s)  Observer(s) Company