

GROSS NECROPSY REPORT

SPECIES *Tursiops truncatus* **FIELD NUMBER** 22IMMS022011 **DATE** 02/21/11

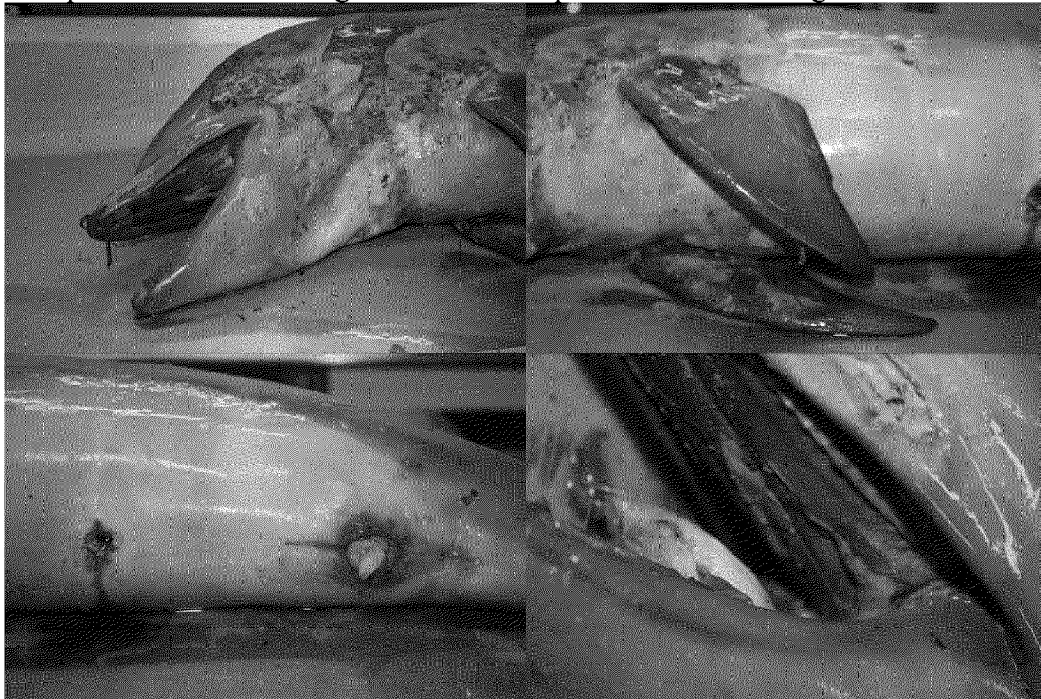
LOCATION Biloxi, MS **LAT** 30.39229/**LONG** 88.88329

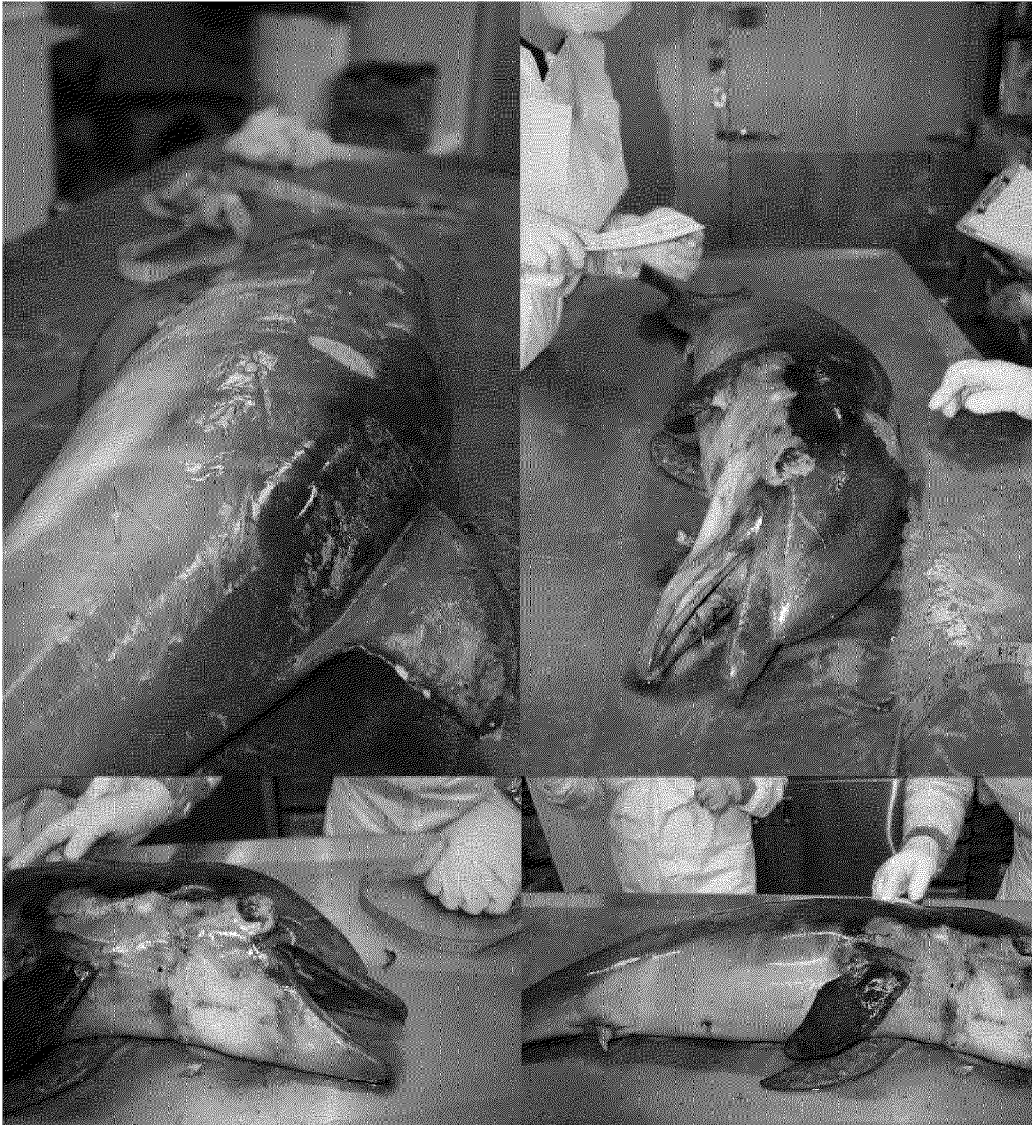
GENDER Male **TL** 99 cm **COND** 3 **WEIGHT** 3.6 kgs estimated

HISTORY: Found dead

NECROPSY

EXTERNAL EXAM: Fetal folds present. Sloughing/necrosis of skin. Sloughing of skin on right lateral mandible, dorsum and lateral neck, head and axilla. Left axilla red. 2 puncture wounds on left lateral side between flipper and dorsal fin. Linear abrasions extending from back of head to top of peduncle on left side. 3 puncture wounds over penis. Penis extruded. Skin blistered- 2 cm left lateral to penis. Umbilicus open and serosanguineous fluid draining. Top jaw- teeth buds present, just erupting under skin. Erosion on caudal hard palate- 2x3cm. Left eye absent. Flippers, flukes and dorsal fin pliable/soft. Puncture wound left lateral to dorsal fin. Right mandible fractured/dislocated. Grey discoloration right side caudal to eye extending to left lateral dorsal fin. Dark yellow discoloration on right side. Small circular superficial skin loss with punctuate center on right side. Dorsal tip of left fluke missing.





INTERNAL EXAM: Bruising (edema/hemorrhage) behind head to left shoulder. Bruising left side ventral to dorsal fin and ventral aspect between shoulder (premortem). Serosanguineous fluid in abdominal cavity. Serosanguineous fluid in left thoracic cavity. Large area of bruising dorsal to left kidney.



BLUBBER: In front of dorsal fin- dorsal-0.7 cm, lat- 0.8 cm, ventral- 1.0 cm.

MUSCULOSKELETON

Axial Muscle: Umbilical hernia.

Axial Skeleton: Fracture of right mandible. Fracture of left side of skull.



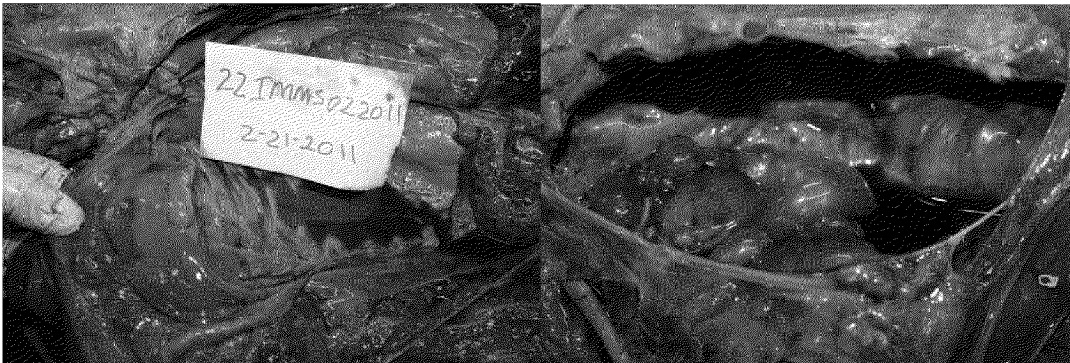
Ribs & Sternum: No fractures found.

CIRCULATORY SYSTEM

Heart: Patent ductus arteriosus. Valves normal.

RESPIRATORY SYSTEM

Lungs: Left lung had multiple bubbles on the surface. Left lung was firm with generalized dark red irregular mottling and atelectic. Sunk in water. Right lung was pink and floated in the water. There was a large amount of subpleural air in the venous rete area above the aorta.



DIGESTIVE SYSTEM

Esophagus: Empty, no ulcers, no parasites.

Fore Stomach: Empty, no ulcers, no parasites.

Main Stomach: Empty, no ulcers, no parasites.

Pyloric Stomach: Empty, no ulcers, no parasites.

Intestine: Empty, no ulcers, no parasites.

Describe food-stuffs found in GI Tract: Empty

Describe parasites found in GI Tract: None found.

Liver: Dark red.

Pancreas: Pink, no abnormalities.

URINARY SYSTEM

Kidneys: Red, no stones found. Hemorrhaging retroperitoneal dorsal to left kidney.



Adrenals: Normal color.

Urinary Bladder: Empty.

ENDOCRINE & HEMOLYMPHATIC SYSTEMS

Thymus: Too decomposed to identify

Thyroid: Too decomposed to identify

Pituitary: Too decomposed to identify

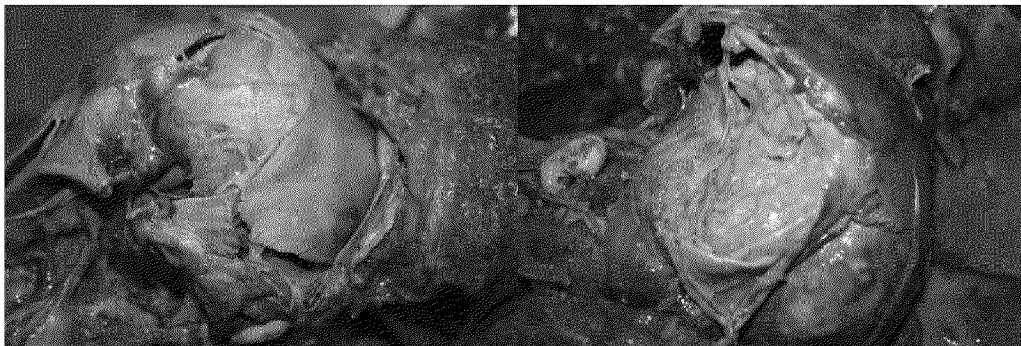
Spleen: Dark red

Lymph Nodes: Too decomposed.

REPRODUCTIVE TRACT:

CENTRAL NERVOUS SYSTEM

Brain: Too decomposed. Skull had multiple fractures on the left side. There was no hemorrhaging on the brain. Postmortem blunt trauma to the skull suspected.



Spinal Cord: Too decomposed.

HEAD

SENSORY ORGANS

Eyes: left eye missing, right eye ruptured.

Carcass Disposition: IMMS freezer

CAUSE OF DEATH FROM FIELD DETERMINATION: Blunt force trauma to neck and chest, Patent ductus arteriosus

This report was generated by: Dr. Connie Chevis and Dr. Joey Kalesch

TISSUES COLLECTED

Frozen: IMMS X2

Blubber
Muscle
Liver (3)
Teeth- lower left jaw
Kidney-L
Skin
Right jaw
Spleen

Histo (10% Buffered Formalin): X3

Lung
Trachea
Heart- R, L Atrium, R,L Ventricle.
Aorta
Pulmonary artery
Stomach- main, glandular
Duodenum
Jejunum
Ileum
Colon
Pancreas

Liver
Kidney-L
Urinary bladder
Adrenal
Muscle
PDA- separate jar

Hydrocarbon: X2

Liver
Lung
Blubber

PHOTOS/VIDEO: Yes/No

ASSOCIATED DATA SHEETS: Level A Data Form, Delphinid Specimen record, NOAA
Chain of custody record- PDA, Marine Mammal Necropsy Tissue Form.