

## GROSS NECROPSY REPORT

**SPECIES** *Tursiops truncatus* **FIELD NUMBER** 29IMMS022211 **DATE** 2/23/11

**LOCATION** Gulf Shores, AL **LAT** 30.17.264/**LONG** -87.31.665

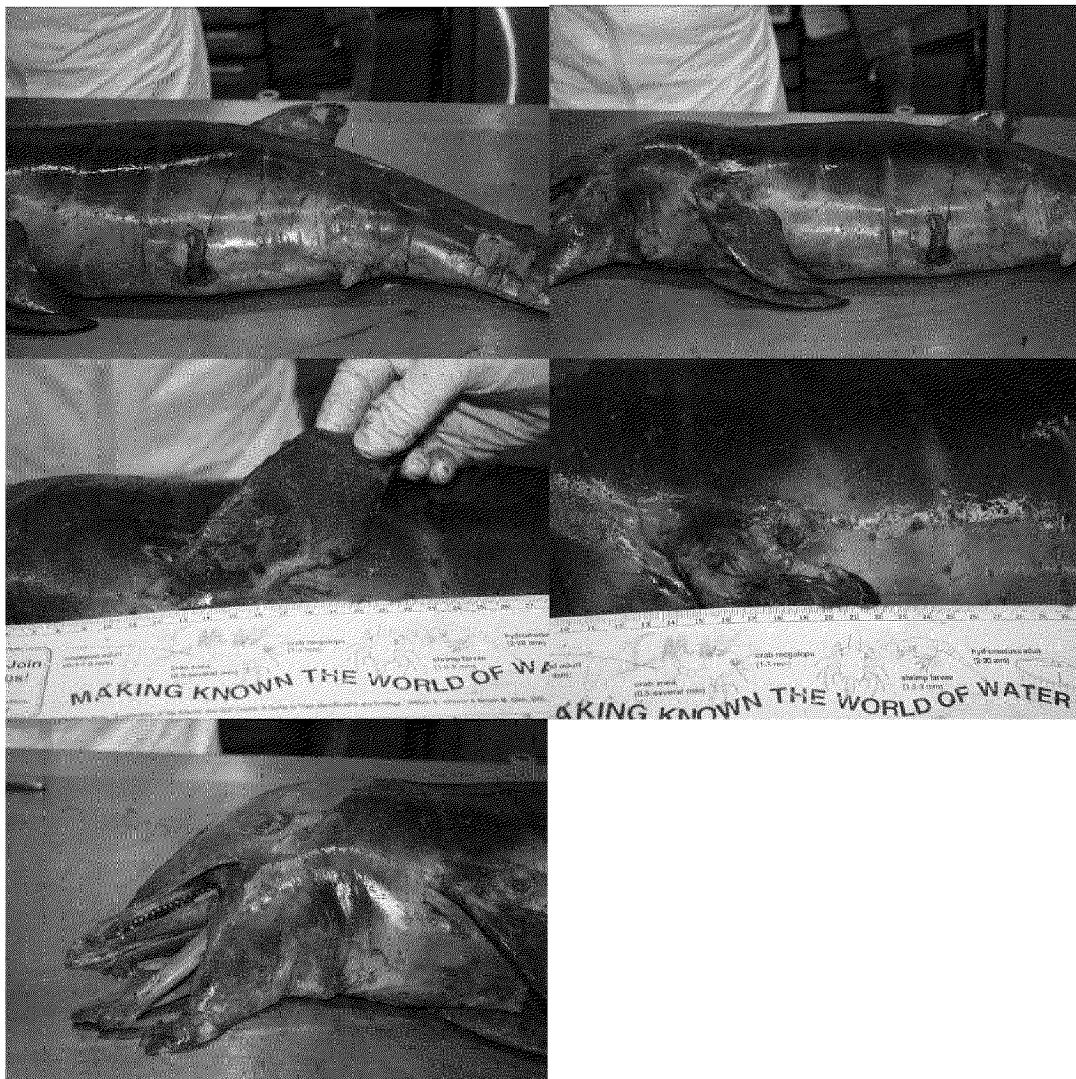
**GENDER** Male **TL** 94 cm **COND** 3 Late **WEIGHT** Approx 6.8 kgs

**HISTORY:** Found dead

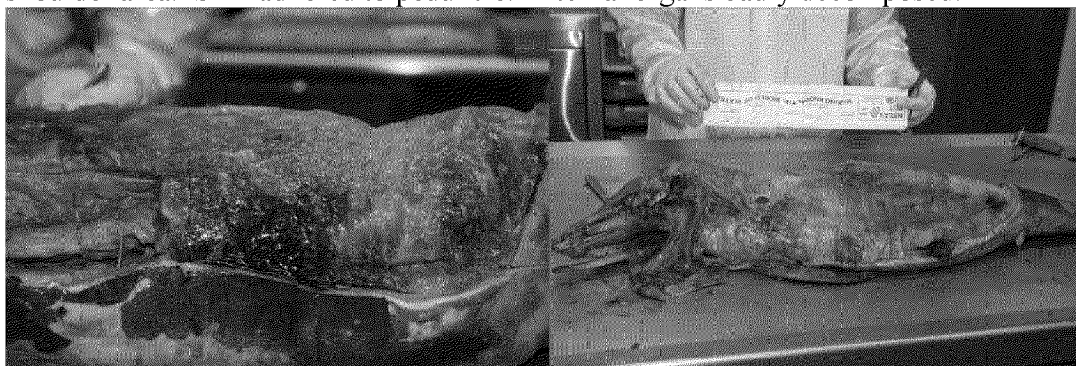
### NECROPSY

**EXTERNAL EXAM:** Right side up: Skin sloughed on mandible. Mandible fractured at rostral symphysis. Teeth present caudal ½ of mandible. Teeth present on maxilla w/few missing. Overlying tissue missing. Skin missing on hard palate. Tongue necrotic- rostral aspect missing. General sloughing of skin on head (dorso-lateral) to dorsal fin. Lesions on right pectoral fin proximal lateral post edge. Pectoral fins, fluke, dorsal fin pliable. Umbilicus open and protruding. Penis extruded. Sloughing of skin on peduncle. Skin sloughing on right lateral tip of fluke. Generalized sloughing of skin on ventral fluke and dorsal distal tip. Fetal folds present. Left side up: skin sloughing from mandible, rostral maxilla and hard palate. Teeth present in upper maxilla. Left eye missing. Sloughing of skin on dorsal cranium. Erosions on proximal, lateral, transverse pectoral fin. Small erosions on lateral aspect of body. Irregular erosions on peduncle.





**INTERNAL EXAM:** Bruising (hemorrhaging and edema) on dorsal midline above shoulder area. Skin adhered to peduncle. Internal organs badly decomposed.





**BLUBBER:** In front of dorsal fin: Dorsal-1.0 cm, lateral- 0.5 cm, Ventral- 0.5 cm.

### **MUSCULOSKELETON**

**Axial Muscle:** Decomposed.

**Axial Skeleton:** No fractures on spinal cord palpated.

**Ribs & Sternum:** No fractures found.

### **CIRCULATORY SYSTEM**

**Heart:** Patent ductus arteriosus. Sub pleural air in the venous rete.



### **RESPIRATORY SYSTEM**

**Lungs:** Lungs did not float in water. No parasites found. Dark red with several areas

### **DIGESTIVE SYSTEM**

**Esophagus:** Badly decomposed.

**Fore Stomach:** Empty. No parasites found.

**Main Stomach:** Empty. No parasites found.

**Pyloric Stomach:** Too decomposed.

**Intestine:** Too decomposed.

**Describe food-stuffs found in GI Tract:** Empty.

**Describe parasites found in GI Tract:** None found.

**Liver:** Dark red/brown. Decomposed. No parasites found.

**Pancreas:** Too decomposed.

#### **URINARY SYSTEM**

**Kidneys:** Dark red, uniform color. No stones found.

**Adrenals:** Dark red, uniform color.

**Urinary Bladder:** Empty.

#### **ENDOCRINE & HEMOLYMPHATIC SYSTEMS**

**Thymus:** Too decomposed.

**Thyroid:** Too decomposed.

**Pituitary:** Too decomposed.

**Spleen:** Too decomposed.

**Lymph Nodes:** Too decomposed.

**REPRODUCTIVE TRACT:** Testis: R- 5.1 x 1 cm, L-4 x 0.9 cm

#### **CENTRAL NERVOUS SYSTEM**

**Brain:** Too decomposed.

**Spinal Cord:** Too decomposed.

#### **HEAD**

#### **SENSORY ORGANS**

**Eyes:** left eye missing.

**CONCLUSIONS:** Stillborn- lungs sunk in water. Sub-blubber hemorrhage/edema.

**Carcass Disposition:** IMMS Freezer

**CAUSE OF DEATH FROM FIELD DETERMINATION:** Stillborn- lungs sunk in water.

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

**TISSUES COLLECTED**

**Frozen: IMMS X2**

Blubber

Muscle

Liver X 3

Teeth- left lower jaw and teeth.

Kidney-L

Skin

**Histo (10% Buffered Formalin): DROT x1, IMMS X2**

Heart- Entire heart including pulmonary artery and aorta.

**Hydrocarbon: X2**

Liver

Kidney

Lung

**PHOTOS/VIDEO: Yes/No**

**ASSOCIATED DATA SHEETS:** Level A Data Form, Delphinid Specimen record, NOAA  
Chain of custody record-PAH.