

## GROSS NECROPSY REPORT

**SPECIES** *Tursiops truncatus* **FIELD NUMBER** 33IMMS022411 **DATE** 2/25/11

**LOCATION** Pascagoula **LAT** 30.34306/**LONG** -88.54974

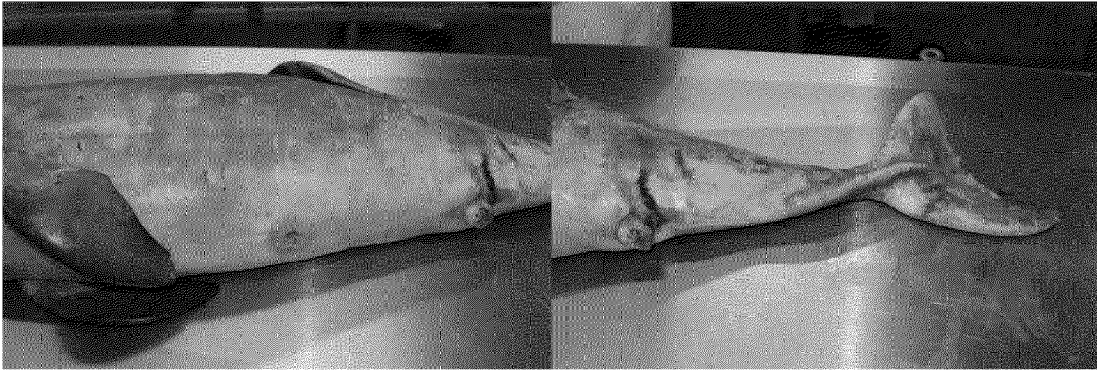
**GENDER** Female **TL** 97 cm **COND** 3 **WEIGHT** 9.36 kgs

**HISTORY:** Found dead on beach

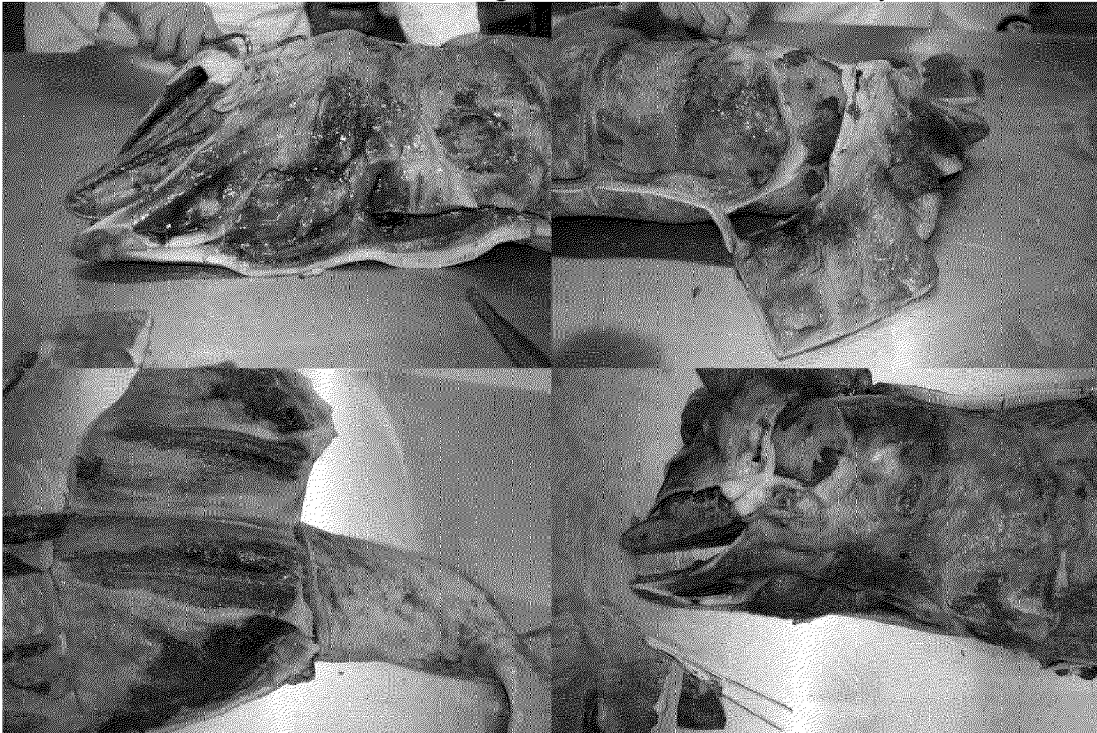
### NECROPSY

**EXTERNAL EXAM:** Umbilicus patent- 1 cm. No umbilical material. Fetal folds present. Dorsal fin folded (L), crease present. Teeth erupted on lower and upper Left, teeth loose on upper left jaw. Missing on right side. Skin missing over most of body. Skin left on flippers and top of head. Circular lesion (3.5 cm) on right side, mid-lateral thoracic area ventral to dorsal fin. Right eye missing. 2 concentric circular lesions on left side- 2 cm x 1.8 cm diameter.





**INTERNAL EXAM:** Bruising (sub-blubber)(hemorrhage/edema) on left lower jaw. Bruising (sub-blubber) on skull. Skull- multiple fractures along suture lines. Bruising on back of skull and ventral neck. Serosanguineous fluid in thoracic cavity.



**BLUBBER:** In front of dorsal fin- dorsal-1.7 cm, lat- 1.0 cm, ven- 1.0 cm

#### **MUSCULOSKELETON**

**Axial Muscle:** : Bruising (sub-blubber)(hemorrhage/edema) on left lower jaw. Bruising (sub-blubber) on skull. Bruising on back of skull and ventral neck.

**Axial Skeleton:** Skull- multiple fractures along suture lines.

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

#### **CIRCULATORY SYSTEM**

**Heart:** Patent ductus arteriosus. Wt- 100 gms. Heart valves normal.

## **RESPIRATORY SYSTEM**

**Blowholes:** No discharge.

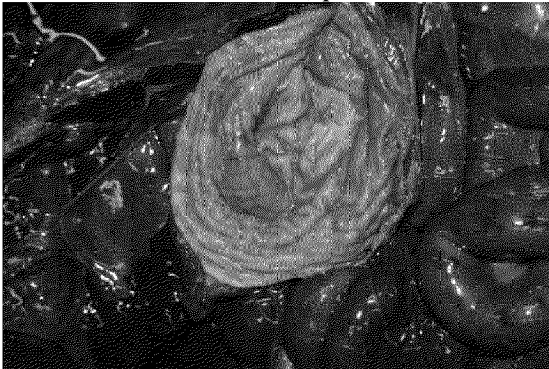
**Lungs:** Sunk in water. Dark red, homogenous color. Firm.

## **DIGESTIVE SYSTEM**



**Esophagus:** No food, parasites or ulcers found.

**Fore Stomach:** No food, parasites or ulcers found.



**Main Stomach:** No food, parasites or ulcers found.

**Pyloric Stomach:** No food, parasites or ulcers found.

**Intestine:** No food, parasites or ulcers found. Small amount of Meconium present.

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

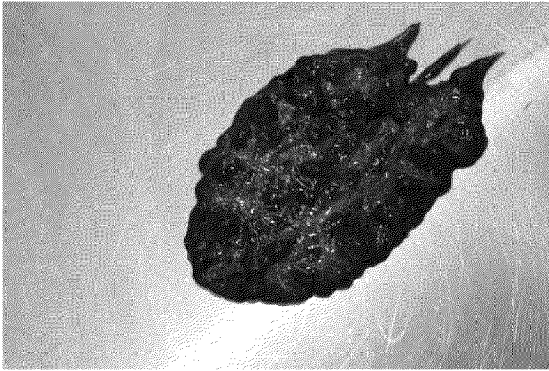
**Describe parasites found in GI Tract:** none

**Liver:** Dark reddish black, homogenous color, soft. Decomposing.

**Pancreas:** Too decomposed to evaluate

## **URINARY SYSTEM**

**Kidneys:** No stones found.



**Adrenals:** Too decomposed to evaluate

**Urinary Bladder:** Empty, No stones found.

**ENDOCRINE & HEMOLYMPHATIC SYSTEMS**

**Thymus:** Too decomposed to evaluate

**Thyroid:** Too decomposed to evaluate

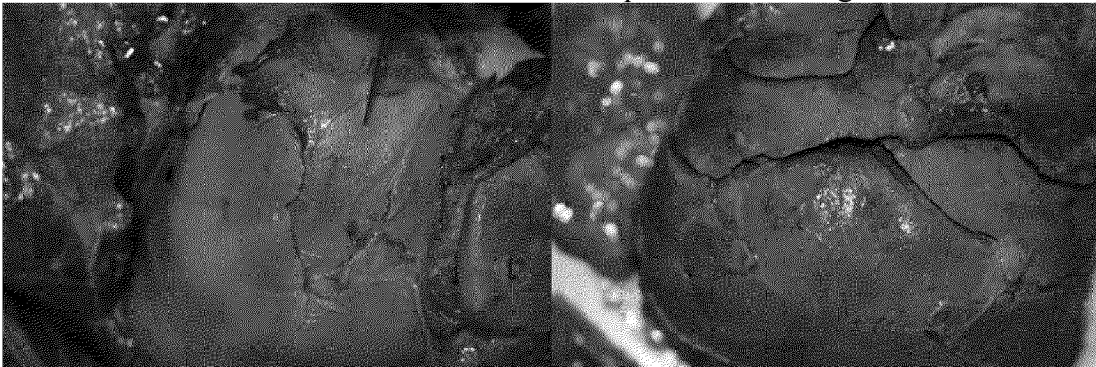
**Pituitary:** Too decomposed to evaluate

**Spleen:** Too decomposed to evaluate

**Lymph Nodes:** Too decomposed to evaluate

**REPRODUCTIVE TRACT:** Ovaries and both uterine horns present.

**CENTRAL NERVOUS SYSTEM:** Skull- Multiple fractures along suture lines



**Brain:** Too decomposed to evaluate. No hemorrhage on dura mater.

**Spinal Cord:** Pale pink, decomposing.

**HEAD:** Multiple fractures along suture lines

**SENSORY ORGANS**

**Eyes:** Right eye missing.

**CONCLUSIONS:** Stillborn (Lungs sunk in water). Skull- Multiple fractures along suture lines.

**Carcass Disposition:** IMMS freezer

**CAUSE OF DEATH FROM FIELD DETERMINATION:** Stillborn

**This report was generated by:** Dr. Connie Chevis

**TISSUES COLLECTED**

**Frozen: IMMS X2**

Blubber

Muscle

Skin

Liver

Teeth- lower left jaw

Kidney-L

Feces- meconium

Skull/head

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

Lung

Heart- Entire

Kidney-L

Muscle

Stomach

**Hydrocarbon: X2**

Liver

Lung

Blubber

**PHOTOS/VIDEO:** Yes/No

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