

**GROSS NECROPSY REPORT**

**SPECIES** *Tursiops truncatus* **FIELD NUMBER** 26IMMS022111 **DATE** 2/23/11

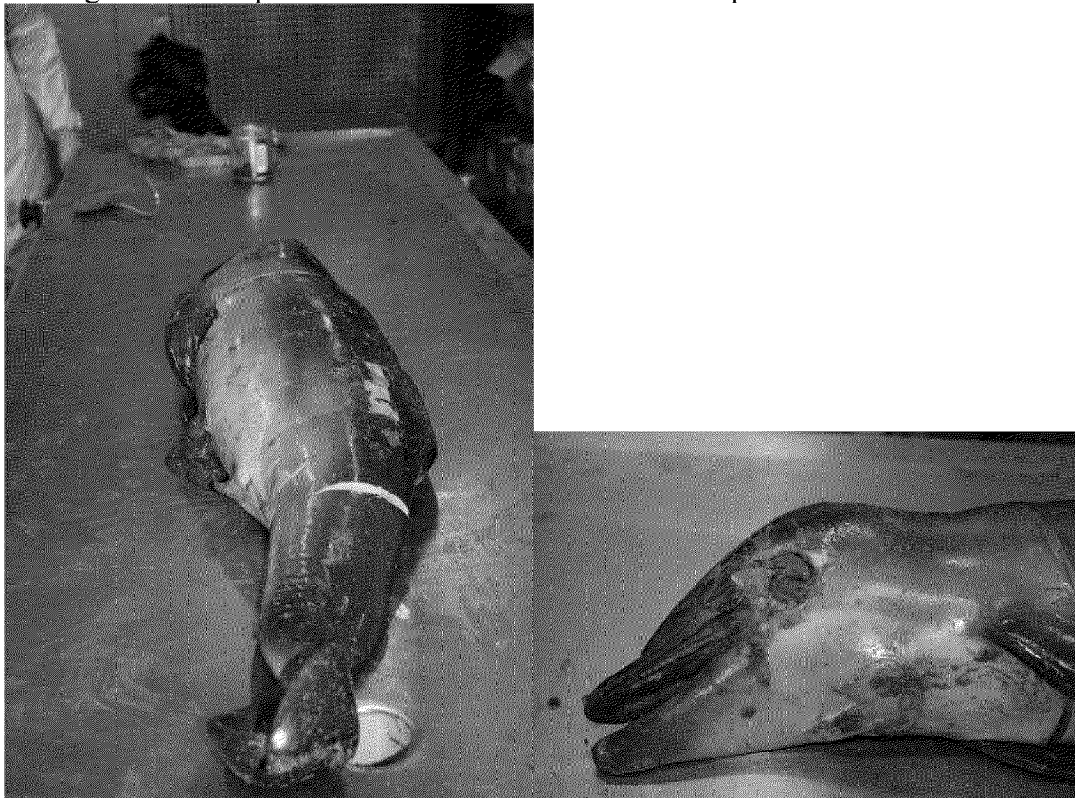
**LOCATION** South side of Horn Island **LAT** 30.22846 **/LONG** -88.65125

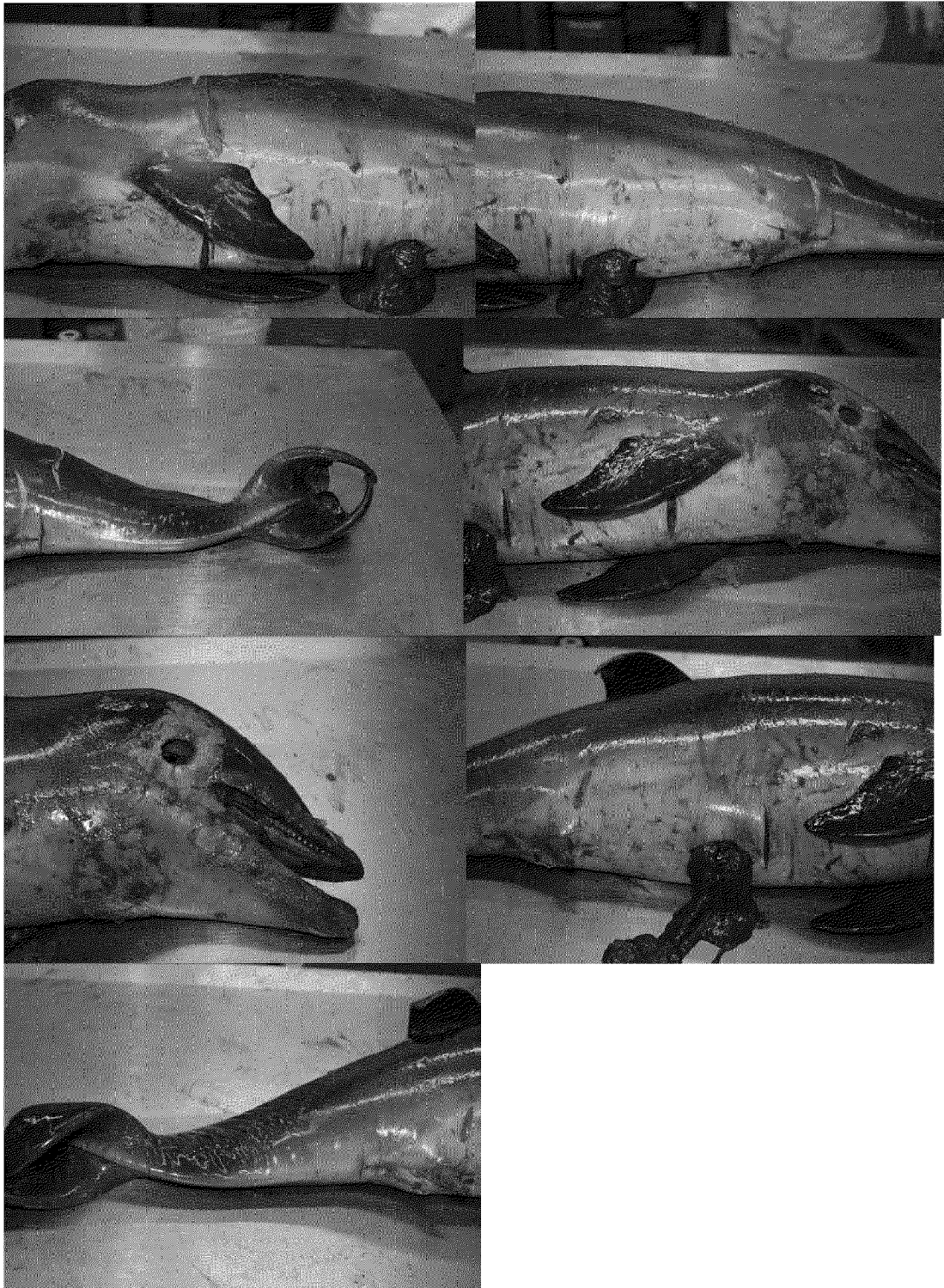
**GENDER** Male **TL** 83.6 cm **COND** Late 3 **WEIGHT** Approx 4.5 kgs

**HISTORY:** Found dead on beach

**NECROPSY**

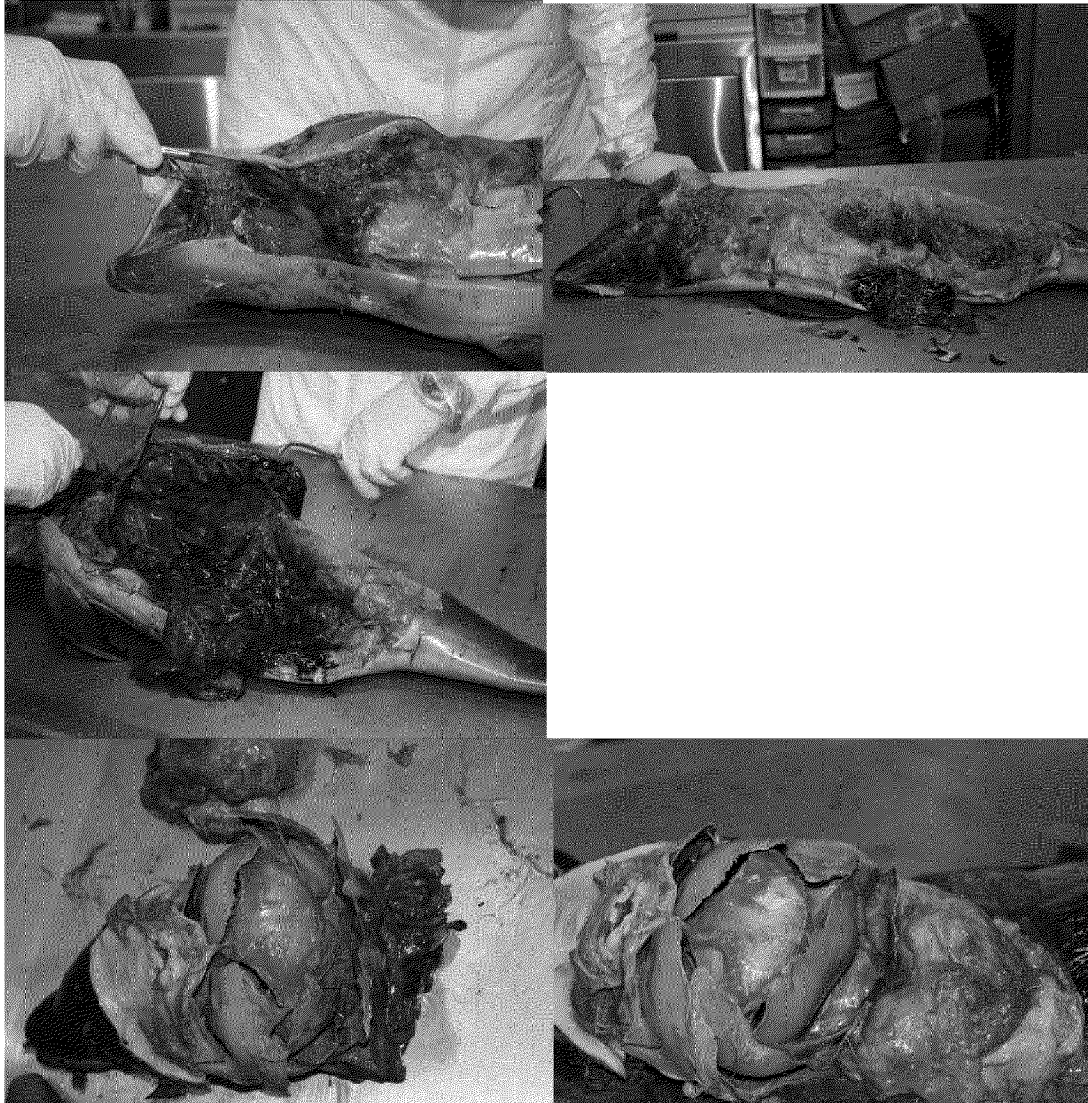
**EXTERNAL EXAM:** Flippers, flukes and dorsal fin folded. Penis extruded. Eyes missing. Fetal folds present. Umbilical cord attached and open umbilicus.





**INTERNAL EXAM:** Organs extremely decomposed. Fractured skull along suture lines, possibility that never fused. Sub-blubber bruising (hemorrhage and edema) on dorsal midline in front of dorsal fin and on lower jaw. Bruising (hemorrhage and edema) on left

lateral side extending from liver area to genital area.



**BLUBBER:** In front of dorsal fin: Dorsal- 0.9 cm, lateral- 0.3 cm, ventral- 0.7 cm.

### **MUSCULOSKELETON**

**Axial Muscle:** Decomposed.

**Axial Skeleton:** Multiple skull fractures along all suture lines. Possibility they never fused.

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

### **CIRCULATORY SYSTEM**

**Heart:** Patent ductus arteriosus

**RESPIRATORY SYSTEM**

**Lungs:** Lungs sunk.

**DIGESTIVE SYSTEM**

**Esophagus:** Too decomposed.

**Fore Stomach:** Too decomposed.

**Main Stomach:** Too decomposed.

**Pyloric Stomach:** Too decomposed.

**Intestine:** Too decomposed.

**Describe food-stuffs found in GI Tract:** Too decomposed.

**Describe parasites found in GI Tract:** Too decomposed.

**Liver:** Dark red, decomposed.

**Pancreas:** Too decomposed.

**URINARY SYSTEM**

**Kidneys:** Too decomposed.

**Adrenals:** Too decomposed.

**Urinary Bladder:** Too decomposed.

**ENDOCRINE & HEMOLYMPHATIC SYSTEMS**

**Thymus:** Too decomposed.

**Thyroid:** Too decomposed.

**Pituitary:** Too decomposed.

**Spleen:** Too decomposed.

**Lymph Nodes:** Too decomposed.

**REPRODUCTIVE TRACT:**

**CENTRAL NERVOUS SYSTEM**

**Brain:** Too decomposed.

**Spinal Cord:** Too decomposed.

**HEAD**

**SENSORY ORGANS**

**Eyes:** Both eyes missing.

**CONCLUSIONS:** Still born- Lungs sunk in water.

**Carcass Disposition:** IMMS Freezer

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

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

**TISSUES COLLECTED**

**Frozen: IMMS X2**

Blubber

Muscle

Teeth- Left lower jaw

Skin

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

Heart- Entire heart including pulmonary artery and aorta

**Hydrocarbon: X2**

Liver

Lung

Blubber

**PHOTOS/VIDEO:** Yes/No

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