

GROSS NECROPSY REPORT

SPECIES *Tursiops truncatus* **FIELD NUMBER** 81IMMS100110 **DATE** 10/05/2010

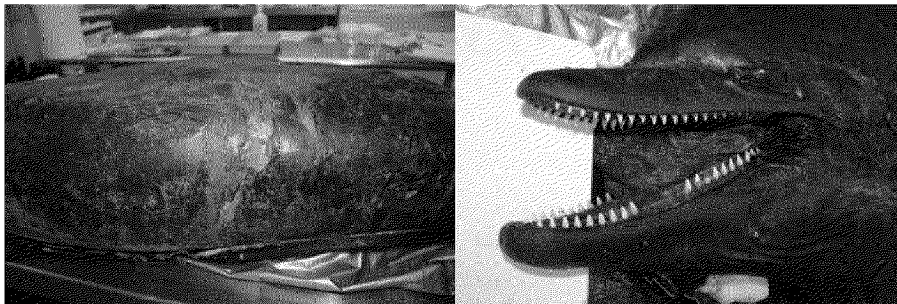
LOCATION West Side beach of Northern Tip of Cat Island **LAT** N30.23796 **/LONG-**
089.07293

GENDER Female **TL** 204.5 **COND** 3 **WEIGHT** 102.25 kgs

HISTORY:

NECROPSY

EXTERNAL EXAM: Two large superficial healed lacerations on dorsal back. 9 cm x 2 cm healed lesion behind right eye and 3 irregular circular lesions caudal to linear lesions. Teeth- right upper jaw- 26 teeth, 3 most caudal teeth were much smaller than other teeth. Right lower jaw- 22 teeth. Left upper jaw- 23 teeth present. Left upper jaw- 23 teeth, 11-15 missing (counting from caudal mouth forward).



Skin missing on entire right side and partially on left side. Skin missing on dorsal peduncle. Left dorsal fin skin peeling. Genitalia bloated. Skin black, peeling and bubbled in some areas. Left ventral abdomen- healed, scarred conspecific rake marks. Left lateral peduncle- fresh rake mark. Left lateral dorsal peduncle- scarred conspecific rake marks. Right cranial edge of fluke- triangular shaped cut. Right dorsal fluke- conspecific rake marks. Left dorsal cranial edge- conspecific rake mark scars. Right eye extruded and covered with sand. Ventral abdomen dark, purplish, red and black.

INTERNAL EXAM: Subcutaneous tissues dry. Bruising in subcutaneous tissue on dorsal back where large lacerations were located.

BLUBBER: 2 cm at cranial base of dorsal fin

MUSCULOSKELETON

Axial Muscle: Left shoulder- no arthritic lesions

Axial Skeleton: Possible fracture of right lateral skull

Ribs & Sternum: No fractures found.

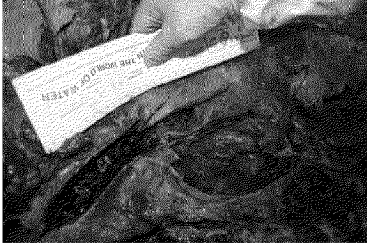
CIRCULATORY SYSTEM

Heart: No parasites found, valves normal.

RESPIRATORY SYSTEM

Blowholes: No parasites found.

Trachea: Frozen blood in trachea.



Lungs: No parasites found.

DIGESTIVE SYSTEM

Esophagus: Partially digested fish-menhaden in caudal esophagus.

Fore Stomach: Half full stomach with partially digested fish. No parasites seen. Gritty black material in stomach.



Main Stomach: Small amount of serosanguineous frozen fluid. No parasites seen.

Pyloric Stomach: Small amount light brown frozen fluid.

Intestine: No parasites found.

Describe food-stuffs found in GI Tract: Fish bones, otoliths, partially digested fish.

Describe parasites found in GI Tract: None found.

Liver: No parasites found.

Pancreas: Pink, small.

URINARY SYSTEM

Kidneys: No kidney stones found.

Adrenals: 2 cm long, pink

Urinary Bladder: Had tear to outside and some sand.

ENDOCRINE & HEMOLYMPHATIC SYSTEMS

Thymus: Not present.

Spleen: Black spots on serosa.

REPRODUCTIVE TRACT: Non gravid, ovaries small.

CENTRAL NERVOUS SYSTEM

Brain: Right hemisphere was 1/3 normal size. 2/3 of right side had an empty area between dura mater and brain. No frozen blood or fluid in the space. Dura mater was greenish colored on right side. Possible skull fracture on right lateral side (not sure if iatrogenic when removed back of skull).



Spinal Cord: NAF

HEAD: Possible skull fracture on right side.

SENSORY ORGANS

Eyes: Right eye extruded and covered with sand.

Ears: NAF.

OTHER:

CONCLUSIONS: Large cystic vacuole on right side of brain. Appeared to be a chronic lesion. Possible skull fracture on right side.

Carcass Disposition: Frozen and put in BP Deepwater Horizon/IMMS evidence truck.

CAUSE OF DEATH FROM FIELD DETERMINATION:

This report was generated by: Dr. Connie Chevis

TISSUES COLLECTED

Frozen: IMMS X2

Blubber
Muscle
Liver
Teeth
Kidney
Stomach contents

Histo (10% Buffered Formalin): DROT x2, IMMS X2

Lung
Trachea
Heart- R, L Atrium, R,L Ventricle.
Aorta
Pulmonary artery
tongue
Esophagus
Stomach
Duodenum
Jejunum
Ileum
Colon
Pancreas
Spleen
Liver
Brain- cerebrum in separate jar
Skull- right and left sides including possible fracture area
Kidney-R
ureter
Urinary bladder
Blubber
Bone marrow
Adrenal
Skin
Muscle
Gonad
Lymph nodes- mesenteric

Hydrocarbon: X2

Blood- tracheal fluid
Liver
Kidney
Muscle
Lung
Intestine
Blubber
Gritty material from forestomach

Viral: Dr. Romero

Lung
BH swab
Feces

Brain- right cerebrum and dura mater
Spinal cord
Spleen
Liver
Kidney-R

PHOTOS/VIDEO: Yes/No

ASSOCIATED DATA SHEETS: Level A Data Form, Delphinid Specimen record, NOAA
Photo Log, NOAA Chain of custody record.