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 skinon 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.

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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.

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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.

PHOTOS/VIDEO: Yes/No

ASSOCIATED DATA SHEETS: Level A Data Form, Delphinid Specimen record, NOAA

Chain of custody record-PAH.