

**GROSS NECROPSY REPORT**

**SPECIES** *Tursiops truncatus* **FIELD NUMBER** 77IMMS082410 **DATE** 8/25/2010  
**LOCATION** Parrish Lake **LAT** 30.52713/**LONG** 88.59400

**GENDER** Female **TL** 237 cm **COND** Code 4 **WEIGHT** 113 kg

**HISTORY:** Found dead in Parrish Lake, Vancleave, MS. This is a freshwater area.

**NECROPSY**

**EXTERNAL EXAM:** Emaciated 1/7. All lateral vertebral processes visible. Multiple 1 cm maggots in mouth. Right lower jaw- 16 teeth present. 7,8,9 (counting from caudal mouth) were broken. 15, 16 out of socket and hanging by gingival. Right upper jaw- 15 teeth present. 4-9 worn diagonally on cranial surface, 10-13 slightly worn on cranial surface. 14 out of socket and hanging by gingiva. Both eyes ruptured and contents eviscerated. Ventral neck had thick orange brown coating. Right flipper cranial edge/ventral aspect had multiple healed rake marks. Cranial edge had scrape mark. Right ventral and dorsal fluke- multiple healed conspecific rake marks. Distal left fluke 0.7 cm x 0.5 cm triangular notch missing from tip. 2 semicircular pieces (1.6 x 0.3 cm, 1.0 cm x 0.3 cm) missing on tip. Right dorsal fin- healed multiple conspecific rake marks. Dorsal back over flipper- multiple healed conspecific rake marks. Neck area- sunken in. 12 1 cm x 0.2 cm deep lacerations- possible avian predation. Skin absent on entire body except for left midlateral and ventral thorax. Left caudal lateral multiple healed rake marks. Water line present from dorsal back to ventral peduncle. Left dorsal fin- multiple healed conspecific rake marks. Behind blowhole- multiple healed conspecific rake marks. Left lower jaw- 20 teeth present. 1 to 8 worn caudally diagonal, 9, 10 broken, 13-16 slightly worn caudally, 20, 21 worn horizontally, 19 worn anterior horizontally. Left upper jaw- 11 teeth present, 11, 12- empty sockets, 14-21 empty sockets. Possible avian predation behind left eye and chin. Thick orange/brown material coating ventral surface from caudal R fluke to peduncle- sample collected for hydrocarbons. Genital slit area open and GI contents extruding.

**INTERNAL EXAM:** Blood in ventral thorax and caudal oropharynx. Dark red thoracic mucosa

**BLUBBER:** Dorsal 0.9 cm

**MUSCULOSKELETON**

**Axial Muscle:** Muscle atrophy

**Axial Skeleton:** All vertebral lateral processes visible. Left shoulder- linear indentation in cartilage of humeral head.

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

**Lymph Nodes:** Mesenteric ln appeared normal.

**REPRODUCTIVE TRACT:** Non-gravid uterus.

**CENRTRAL NERVOUS SYSTEM**

**Brain:** Very decomposed.

**Spinal Cord:** Very decomposed.

**HEAD**

**SENSORY ORGANS**

**Eyes:** Decomposed.

**Ears:** No abnormalities found

**OTHER:**

**CONCLUSIONS:** Emaciated. In a fresh water area.

**Carcass Disposition:** Frozen and placed in IMMS BP Deepwater Horizon evidence truck.

**CAUSE OF DEATH FROM FIELD DETERMINATION:**

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