SEA TURTLE STRANDING AND SALVAGE NETWORK – GROSS NECROPSY REPORT

IDENTIFICATION

1. STSSN #: ALH 20120311-01 2. Other identifier(s)/#: C12017 3. Rehab: ☒Yes ☐No
4. Found dead: ☐Yes ☒No 5. In no, date of death 12 Mar 12 leave blank if unknown (Use mm/dd/yyyy for dates)
6. Euthanized: ☒Yes ☐No 7. Frozen/Thawed: ☐Yes ☒No 8. Condition at necropsy: ☒1 ☐2 ☐3 ☐4 ☐5 Good!
9. Date necropsied: 13 Mar 12 10. Examiner: Mark Dodd, Amy Hupp, Steven Nelson 11. Affiliation: GSTC
12. Necropsy description: ☒External & internal examination ☐External examination only ☐Incomplete carcass
13. Disposition of carcass: ☐Buried on beach ☒Buried off site ☐Rendered ☐Incinerated ☐Other
14. Species: ☒CC ☐CM ☐DC ☐LK ☐EI ☐LO ☐HYBRID ☐UNK 15. Sex: ☐Male ☐Female ☐Undetermined

EXTERNAL EXAMINATION

16a. Body weight: 34.5 ☒kg ☐lb 16b. ☒actual ☐ est. 17. Eyes sunken: ☐Yes ☒No 18. Skeletal features prominent: ☐Yes ☒No
19. Heavily encrusted w/ epibiota: ☐Yes ☒No 20. Leeches: ☐Yes ☒No 21. Gooseneck barnacles: ☐Yes ☒No
22. Epibiota coverage: 22a. Head/appendages: Ø % 22b. Carapace: Ø % 22c. Plastron: Ø %
23. External Trauma/evidence of Human Interaction (T/HI): ☒Yes ☐No ☐CBD (If yes, complete 25) Use STSSN scale
24. Other anomalies: ☒Yes ☐No ☐CBD (If yes, complete 26) CBD - Cannot Be Determined ☒ PHOTOGRAPHS TAKEN

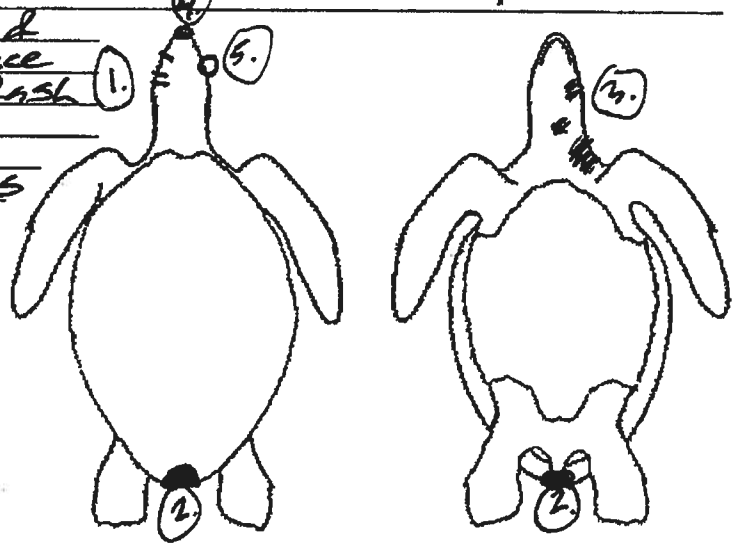
ANATOMIC LOCATION CODES: Head (H) Neck(N) Eyes(E) Mouth(M) Carapace(C) Plastron(P) Tail(T) Vent(V)
Use for 25a & 26a Front flipper - Right(R) Left(L) Rear flipper - Right(F) Left(G) All appendages(Y) Pectoral girdle(J) Pelvis(I)

25a. T/HI-Type: (check all that apply and diagram in 25c)
Enter anatomic codes in blanks: (Example: ⊗ Parallel slicing wounds(1) C)
☐Parallel slicing wounds(1)_____ ☒Blunt/crushing(2) Dredge
☐Non-parallel/single linear wounds(3)_____ ☐Dislocations(4)_____
☐Partial/complete amputation(5)_____ ☐Paint transfer(6)_____
☒Fractures/Broken bones(6) 2 ☐Puncture(8)_____
☐Probable bite wound(9)_____ ☐Tar in mouth(10)
☐Ligature/entanglement-type(11)_____[a]
☐Entangling material attached(12)_____[a]
☐Hook and/or line present (13)_____[a] [a] If yes, complete 25d
☒Other(14) Dredge trauma describe under 25c

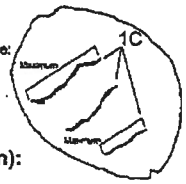
25b. T/HI- Description: (check all that apply)
Enter 25a. + anatomic codes: (Example: ⊗ Exudate/fibrin 1C)
☐Exudate/fibrin_____ ☐Fibrous tissue formation_____
☐Bone formation/remodeling_____ ☐Hemorrhage_____
☐Encapsulated sand/debris_____ ☐Blood clots_____
☐Completely healed_____ ☐Other_____ describe under 25c
☐ Diagram wounds/measurements 25c
☐ PHOTOGRAPHS TAKEN Use STSSN scale in photos
3 Standard photos: with scale 1. Perpendicular to wound(s) 2. Wound margins (close-up) 3. Head, neck, shoulder region

25c. T/HI-Comments & External Diagram (cont. pg 4):

1. Superficial skull abrasions, one w/ blood - deeper
2. Fx/Missing distal 1/3 of Carapace
3. Chin/Neck abrasion/Rash - Sand blast?
4. Blood/Abrasion @ Nares
5. Swollen (R) eye.



Parallel slicing wounds (cm):
Straight (chord) cut length
Maximum: _____ Example:
Minimum: _____



Single linear wounds (cm):
Wound length: _____
Width: _____ Depth: _____

EXTERNAL EXAMINATION (CONT.)

25d. T/HI-Fisheries/Entanglement data: (Fisheries gear, other entangling material)

Gear type:

☐Line & pot ☐Line & buoy ☐Line, buoy & pot ☐Unknown gear/line

☐Netting ☐Hook ☐Monofilament ☐Braided line ☐Other

Number of wraps around body part: _____, **location:** _____ 1 (use anatomic codes)

Additional areas: ___,___ 2; ___,___ 3; ___,___ 4; ___,___ 5 (Example: 4, R)

☐Material removed prior to necropsy

Ligature injury: (additional comment under 25c)

☐Ligature – mild, non-penetrating

☐Ligature – skin incised/ulcerated

☐Ligature – full thickness (deep tissue/bone exposed)

☐Ligature – partially/completely healed

T/HI-Material collected*: ☐Yes ☐No **Disposition of material:** _____

Gear description (color, shape, size): _____

Gear identification information: _____

26a. External anomalies-Type: (check all that apply and diagram in 25c)

Enter anatomic codes in blanks: (Example: ⊘ Ulcers(16)_Y_)

☐Fibropapillomas/Papillomas(15)_____ ☐Ulcers(16)_____

☐Crust/exudate(17)_____ ☐Masses (non-FP or uncertain)(18)_____

☑Other(19) Bruising describe under 25c

☑ PHOTOGRAPHS TAKEN

26b. Other anomalies-Description: (check all that apply)

Extent of observation: *(Refer to Pap Map for FP turtles)*

Enter 26a. + anatomic codes: (Example: ⊗ 10-25% affected_16Y_)

☐<5% surface affected_____ ☐10-25% affected_____

☐>25-50% affected_____ ☐>50% affected_____

☐Visual field involved_____ ☐Both eyes_____

☐Mouth obstructed_____ ☐Cloaca obstructed_____

26c. Anomalies-Comments (cont. pg 4): Bruising along the jaw

INTERNAL EXAMINATION (comments extended to page 4 – optional)

NUTRITIONAL CONDITION - INTERNAL

27. Muscle status: ☑Well-muscled/No atrophy ☐Mild to moderate atrophy ☐Severe atrophy

28. Fat status: ☑Abundant/No atrophy ☐Mild to moderate atrophy ☐Severe atrophy ☑ PHOTOGRAPHS TAKEN

29a. MUSCULOSKELETAL (internal) – ☑EXAMINED **29b. Joint Fluid:** ☑No findings ☐Cloudy/solid material ☐Blood-tinged

29c. Skeletal Findings: ☑No findings ☐Fractures ☐Dislocation ☐Avulsions ☐Deformities ☐Other (note location(s) in comments)

29d. Musculature findings: ☑No findings ☐Trauma ☐Hemorrhage ☐Pallor ☐Necrosis ☐Other

29e. MUSCULOSKELETAL-Findings/Comments: clear fluid in humeral joint; hematoma on inside/ musculature of jaw

30a. COELOMIC CAVITY – ☑EXAMINED **30b. Coelomic Fluid Volume:** _____ml **30c.** ☐actual ☐ est.

30d. Coelomic Fluid: ☐No findings ☐Cloudy/solid material ☑Blood-tinged ☑Blood clots ☐Fibrin ☐Other

30e. Coelomic Lining: ☑No findings ☐Masses (≤2mm) ☐ Masses (>2mm) ☐Hemorrhage ☐Adhesions ☐Other

30f. COELOMIC CAVITY-Findings/Comments: No Coelomic cavity in tact

31a. CARDIOVASCULAR SYSTEM (heart/major vessels) – ☑EXAMINED **31b. Blood in Heart chambers:** ☑Yes ☐No

31c. Pericardial Fluid: ☐ No findings ☐Cloudy/solid material ☑Blood-tinged ☑Blood clots ☐Fibrin ☐Other

31d. CV Findings: ☑No findings ☐Trauma ☐Endocarditis/arteritis. ☐Blood clot(s) ☐Vessels thickened ☐Adhesions ☐Other

31e. CV-Findings/Comments: Blood & ~~Clear~~ fluid in ~~humeral joint~~ pericardial sac

32a. HEPATOBILIARY SYSTEM (liver and gall bladder) – ☑EXAMINED

32b. Liver Findings: ☐No findings ☐Pallor ☐Atrophy (shrunken, black) ☑Trauma ☐Masses (≤2mm) ☐Masses (>2mm) ☐Other

32c. Biliary Findings: ☐No findings ☐Gall bladder thickened ☐Bile ducts thickened ☐Ulcers ☐Exudate ☐Stones ☑Other

32d. HB-Findings/Comments: Multi-focal areas of gray discoloration in liver - large areas affected; liver structure fairly yellow, suspect fatty liver; No gall bladder found/present

INTERNAL EXAMINATION (CONT.)

ANATOMIC LOCATION CODES: Mouth(O) Esophagus(Es) Stomach(St) Small intestine(Si) Colon(Co) Cloaca(Cl)

33a. ALIMENTARY SYSTEM – ☐EXAMINED

33b. GI-Findings: (check all that apply) **Enter anatomic codes in blanks:** (Example: ⊗ Ulcers(20) Co)

☐Ulcers(20)_____ ☐Perforation (21) _____ ☐Masses(22) _____ ☐Impaction(23) _____

☐Obstruction(24) _____ ☐Intussusception(25) _____ ☐Plication(26) _____ ☐Other(27) _____

33c. GI-percentage of affected area: **Enter 33b. + anatomic codes:** (Example: ⊗ >25-50 affected 20 Co)

☐<5%_____ ☐10-25%_____ ☐>25-50%_____ ☐>50%_____ ☐N/A

33d. GI-Foreign material: ☐Yes ☐No **(If yes, complete 33k)**

33e. Injury/lesion associated with foreign material: ☐Yes ☐No **If yes, give entry for 33b:**_____(Example: 21,St)

GI-Contents(include & note any biotic impacted material):

33f. Esophagus: ☐ Empty ☑ Contents, describe: Sand and a couple of shells present; no food material

33g. Stomach: ☐ Empty ☑ Contents, describe: Sand filling stomach (mudlike); no food material

33h. Small intestine: ☐ Empty ☑ Contents, describe: sand/marsh muck

33i. Colon: ☐ Empty ☑ Contents, describe: crab parts + shell; sand; organic debris

33j. GI-Findings/Comments: Bruising along the stomach; sand in the esophagus

33k. GI-Foreign material - type: ☐ PHOTOGRAPHS TAKEN

☐Hook(29) ☐Line(30) ☐Hard plastic(31) ☐Plastic bag(33) ☐Misc soft plastic(33) ☐Balloon(34) ☐Tar(35) ☐Other(36)

Material/lesion location(s): _____ (use anatomic codes)

Material collected*: ☐Yes ☐No **Disposition of material:** _____

Foreign material-Description of material & comments: _____

34a. SPLEEN – ☑EXAMINED **34b. Spleen Findings:** ☐No findings ☐Trauma ☐Enlarged ☐Masses ☑Other

34c. PANCREAS – ☑EXAMINED **34d. Pancreas Findings:** ☑No findings ☐Trauma ☐Masses ☐Congested ☐Other

34e. SPLEEN/PANCREAS-Findings/Comments: ~~Pancreas~~ Spleen smaller than normal - 55 mm x 35 mm

35a. UROGENITAL SYSTEM (kidneys, reproductive, urinary bladder) – ☐EXAMINED

35b. Kidneys Findings: ☐No findings ☑Trauma ☐Enlarged ☐Asymmetrical ☐Masses ☐Other

35c. Gonads identified as: ☐Testes(complete 35d-f) ☑Ovaries(complete 35g-i) ☐Unknown **(Indicate sex on Page 1, Field 15)**

35d. Testes–characterization: ☐Cylindrical ☐Ellipsoidal ☐Flat **35e. Testes-size:** _____ length x _____ width (cm)

35f. Epididymis–characterization: ☐Not expanded from wall ☐Distinct ridge ☐Pendulous ☐Obvious white coils

35g. Ovaries–characterization: ☐All follicles <4mm ☑Developing follicles (4-24mm) ☐Corpus luteum (>7mm) ☐Corpus albicans

35h. Ovary length: _____ (cm)

35i. Oviduct–characterization: ☐White, straight (<3mm diameter) ☐Partially convoluted (3-15mm diameter) ☐Very convoluted (>15mm diameter) ☐Contains eggs (>24mm)

Optional fields by state

35j. UG-Findings/Comments: Left kidney was bloody; mucus found in bladder; blood in the renal pelvis - focal areas of hemorrhage

36a. RESPIRATORY SYSTEM – ☑EXAMINED **36b. Foam/froth in trachea:** ☑Yes ☐No

36c. If froth present: ☑Anterior to bifurcation ☑Posterior to bifurcation **36d. Froth amount:** ☑Small ☐Moderate ☐Copius

36e. Sand/sediment in trachea: ☑Yes ☐No **36f. Trachea/bronchi:** ☐No findings ☐Exudate ☐Masses ☐Ulceration ☐Other

36g. Lungs Findings: ☐No findings ☑Wet/frothy ☐Hemorrhage ☐Trauma ☐Exudate ☐Masses (≤2mm) ☐Masses (>2mm) ☐Aspirated debris ☐Other

36h. RESP-Findings/Comments: ~~Sand~~ severe amount of sediment in lungs

INTERNAL EXAMINATION (CONT.)

37a. CENTRAL NERVOUS SYSTEM – ☐Brain EXAMINED **37b. ☐Spinal Cord EXAMINED**

37c. Brain findings: ☐No findings ☐Trauma ☐Hemorrhage ☐Necrosis ☐Exudate ☐Blood fluke eggs ☐Other

37d. Spinal cord findings: ☐No findings ☐Trauma ☐Hemorrhage ☐Necrosis ☐Exudate ☐Blood fluke eggs ☐Other

37e. CNS-Findings/Comments: _____

38. Other Comments (include any continuation from previous sections & label notes by data field number (e.g. 25c): _____

Specimen (label w/ ID#)	Fixed	Frozen-bagged	Frozen-Foil	Other (specify)	Location

DISCLAIMER

*All fisheries gear should be submitted to Pascagoula (SE) or North Kingston (NE) NOAA laboratories for ID