SEA TURTLE STRANDING AND SALVAGE NETWORK – GROSS NECROPSY REPORT

IDENTIFICATION

1. STSSN #: **2. Other identifier(s)/#:** **3. Rehab:** ☐

4. Found dead: ☐ **5. If no, date of death** leave blank if unknown (Use mm/dd/yyyy for dates)

6. Euthanized: ☐ **7. Frozen/Thawed:** ☐ **8. Condition at necropsy:** ☐1 ☐2 ☐3 ☐4 ☐5

9. Date necropsied: **10. Examiner:** **11. Affiliation:**

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: ☐kg ☐lb **16b.** ☐actual ☐est. **17. Eyes sunken:** ☐ **18. Skeletal features prominent:** ☐

19. Heavily encrusted w/ epibiota: ☐ **20. Leeches:** ☐ **21. Gooseneck barnacles:** ☐

22. Epibiota coverage: **22a. Head/appendages:** % **22b. Carapace:** % **22c. Plastron:** %

23. External Trauma/evidence of Human Interaction (T/HI): ☐Yes ☐CBD **(If yes, complete 25)** **Use STSSN scale**

24. Other anomalies: ☐Yes ☐CBD **(If yes, complete 26)** CBD - Cannot Be Determined/Evaluated ☐ 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)
- ☐Non-parallel/single linear wounds(3)
- ☐Partial/complete amputation(5)
- ☐Fractures/Broken bones(7)
- ☐Bite wound/probable bite wound(9)
- ☐Ligature/entanglement-type(11)
- ☐Entangling material attached(13)
- ☐Hook and/or line present (14)
- ☐Other(15) **describe under 25c**
- ☐Blunt/crushing(2)
- ☐Dislocations(4)
- ☐Paint transfer(6)
- ☐Puncture(8)
- ☐Tar in mouth(10)
- [a] ☐Incised/mutilation(12)

[a] **If yes, complete 25d**

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

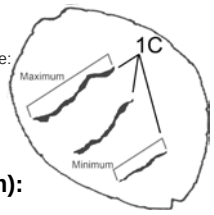
☐ PHOTOGRAPHS TAKEN **Use STSSN scale in photos**

3 Standard photos: with scale
1. Perpendicular to wound(s)
2. Wound margins (close-up)
3. Head, neck, shoulder region

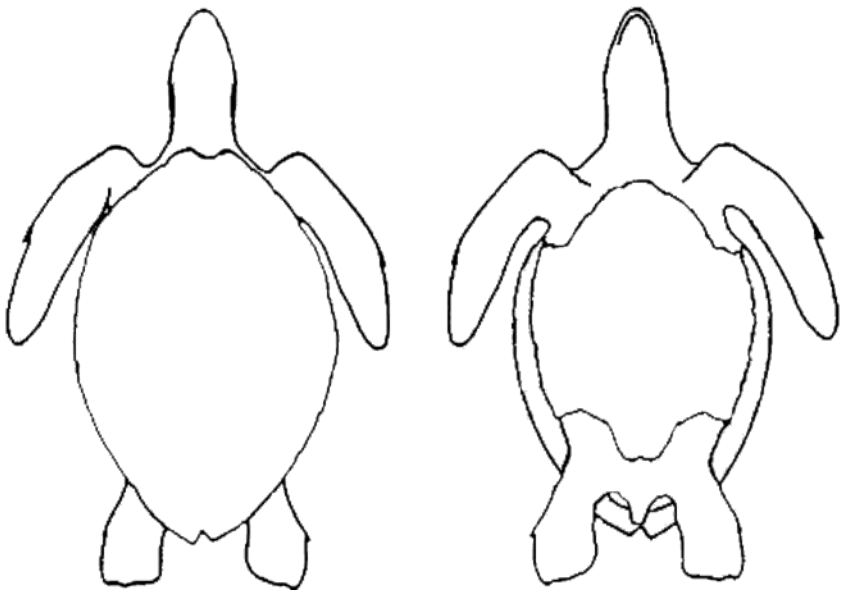
25c. T/HI-Comments & External Diagram (cont. pg 4)**:**

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

Example:



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*: ☐ **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 (FP)(16) ☐Masses (non-FP or unknown)(17)

☐Ulceration/dermatitis(18)

☐Other(19) **describe under 26c**

☐ 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 ☐5-25% affected

☐ >25-50% affected ☐>50% affected

☐ Visual field involved ☐Both eyes

☐ Mouth obstructed ☐Cloaca obstructed

26c. Anomalies-Comments (cont. pg 4)**:**

INTERNAL EXAMINATION (comments extended to page 4 – optional)

NUTRITIONAL CONDITION - INTERNAL

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

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

29a. MUSCULOSKELETAL (internal) – ☐**EXAMINED** ☐**CBD** **29b. Joint Fluid:** ☐No findings ☐Cloudy/solid material ☐Bloody

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:

30a. COELOMIC CAVITY – ☐**EXAMINED** ☐**CBD** **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:

31a. CARDIOVASCULAR SYSTEM (heart/major vessels) – ☐**EXAMINED** ☐**CBD** **31b. Blood in Heart chambers:** ☐

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:

32a. HEPATOBILIARY SYSTEM (liver and gall bladder) – ☐**EXAMINED** ☐**CBD**

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:

INTERNAL EXAMINATION (CONT.)

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

33a. ALIMENTARY SYSTEM – ☐ **EXAMINED** ☐ **CBD**

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

☐ Ulcers/exudate(20) ☐ Trauma (21) ☐ Masses(22) ☐ Impaction(23) ☐ Fluke eggs(24)
☐ Obstruction(25) ☐ Intussusception(26) ☐ Plication(27) ☐ FP(28) ☐ Other(29)

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

☐ <5% ☐ 5-25% ☐ >25-50% ☐ >50% ☑ N/A

33d. GI-Foreign material: ☐ **(if yes, complete 33k)**

33e. Injury/lesion associated with foreign material: ☐ **If yes, give entry for 33b:** (Example: *21,St*)

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

33f. Esophagus: ☐ Empty ☐ Contents, describe:

33g. Stomach: ☐ Empty ☐ Contents, describe:

33h. Intestine (first ½)**:** ☐ Empty ☐ Contents, describe:

33i. Intestine (second ½)**:** ☐ Empty ☐ Contents, describe:

33j. GI-Findings/Comments:

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*: ☐ **Disposition of material:**

Foreign material-Description of material & comments:

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

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

34e. SPLEEN/PANCREAS-Findings/Comments:

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

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

36a. RESPIRATORY SYSTEM – ☐ **EXAMINED** ☐ **CBD** **36b. Foam/froth in airway:** ☐

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

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

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

36h. RESP-Findings/Comments:

INTERNAL EXAMINATION (CONT.)

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

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
	☐	☐	☐	☐	
	☐	☐	☐	☐	
	☐	☐	☐	☐	
	☐	☐	☐	☐	
	☐	☐	☐	☐	
	☐	☐	☐	☐	
	☐	☐	☐	☐	

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