

MARINE MAMMAL HUMAN INTERACTION REPORT

Exam Information (fill in or circle most appropriate)

1 Field #: _____ Species: _____

2 Examiner: _____ Recorder: _____

3 Date of exam: _____ Condition code (at exam): 1 2 3 CBD

4 Preservation: alive fresh frozen frozen/thawed Body condition: emaciated not emaciated CBD

5 Documentation: digital print slide video Image disposition: _____

6 Integument: normal abnormal decomposed % Skin missing: <10% 10-25% 25-50% >50%

Explanation of terms:
 YES = I have examined the area and/or found signs of this pathology, natural marking, or human interaction
 NO = I have examined the area and/or did not find signs of this pathology, natural marking, or human interaction
 CBD = I have examined the area and could not determine whether there were signs of human interaction (i.e. the part was missing, degraded, or signs were ambiguous)
 NE = I did not examine the area
 NA = this animal doesn't normally have that part (i.e. seals have no dorsal, dolphins have no rear flippers)

| | WHOLE BODY EXAM | YES | NO | CBD | NE | NA | Image taken |
|----|---|-----|----|-----|----|----|-------------|
| 8 | External pathology (<i>pox, tattoo lesion, abscess, fungal patches</i>) | | | | | | |
| 9 | Natural markings (<i>scars, tooth rakes, unusual pigmentation</i>) | | | | | | |
| 10 | Appendage(s) removed / Mutilation (<i>with instrument</i>) | | | | | | |
| 11 | Pelt removed / Mutilation (<i>with instrument</i>) | | | | | | |
| 12 | Body sliced / Mutilation (<i>with instrument</i>) | | | | | | |
| 13 | Gear / Debris present on animal (<i>including tags</i>) | | | | | | |
| 14 | Gear / Debris retained (<i>name & contact info in Comments</i>) | | | | | | |
| 15 | HI lesions (<i>fishery, gunshot, propeller, healed HI scar, brand</i>) | | | | | | |

16 Predation / scavenger damage (circle all anatomical areas where damage hinders evaluation; numbers coincide with anatomical areas below): 17 18 19 20 21 22 23 24 25 26 27 28 29 NONE

FILL IN TABLE FOR ALL POSSIBLE FINDINGS OF HI

Do not use for natural markings/pathology.

| ILL IN TABLE FOR ALL POSSIBLE FINDINGS OF HI | | | | | | | | | | | Origin of Lesion | | | | | | | | | | |
|--|-------------------|----|-----|-------|---------------------------|----------------------|-------------------|----------|-------------|--------------|------------------|------------|------|--------------|-------------|-----------|-------------|-------------|-------|--|--------------|
| do not use for natural markings/pathology. | | | | | | | | | | | Type of Lesion | | | | Gear- Line | | Gear/Debris | | Other | | Image taken? |
| DETAILED EXAM OF ANATOMICAL AREAS | YES | NO | CBD | NE/NA | Impression/ Laceration | Penetrating wound | Healed HI scar | Abrasion | Other / CBD | Twine / line | Net | MO/MU/CBD* | Hook | Packing Band | Other / CBD | Propeller | Gunshot | Other / CBD | | | |
| 17 | Rostrum/snout | | | | | | | | | | | | | | | | | | | | |
| 18 | Mandible | | | | | | | | | | | | | | | | | | | | |
| 19 | Head and/or neck | | | | | | | | | | | | | | | | | | | | |
| 20 | L Front appendage | | | | | | | | | | | | | | | | | | | | |
| 21 | R Front appendage | | | | | | | | | | | | | | | | | | | | |
| 22 | L Body | | | | | | | | | | | | | | | | | | | | |
| 23 | R Body | | | | | | | | | | | | | | | | | | | | |
| 24 | Dorsum/dorsal fin | | | | | | | | | | | | | | | | | | | | |
| 25 | Ventrum | | | | | | | | | | | | | | | | | | | | |
| 26 | Peduncle | | | | | | | | | | | | | | | | | | | | |
| 27 | L Rear appendage | | | | | | | | | | | | | | | | | | | | |
| 28 | R Rear appendage | | | | | | | | | | | | | | | | | | | | |
| 29 | Flukes/tail | | | | | | | | | | | | | | | | | | | | |

* If Gear-Line is the lesion origin, mark the MO/MU/CBD column: "MO" for monofilament, "MU" for multifilament, and "CBD" if the type of line cannot be determined

Field #: _____

| INTERNAL EXAM | | YES | NO | Partial | CBD | Image taken | Detailed Info (circle all that apply) |
|---------------|--|-----|----|---------|-----|-------------|---|
| Date _____ | | | | | | | |
| 30 | Internal exam conducted | | | | | | Details in Comments section -use line number |
| 31 | Bruising/blunt trauma | | | | | | Details in Comments section -use line number |
| 32 | Skeleton examined | | | | | | Details in Comments section -use line number |
| 33 | Broken bones present | | | | | | Associated tissue reaction: YES NO CBD |
| 34 | Mouth/GI tract examined (circle contents) | | | | | | intact prey partially digested hard parts only debris/gear empty other |
| 35 | Lungs/bronchi examined | | | | | | Details in Comments section -use line number |
| 36 | Lung/bronchi contents | | | | | | froth fluid air (color:) |
| 37 | Bullet/projectile found | | | | | | found using: CT X-ray dissection (collected? Y N) |
| 38 | Other lesions noted | | | | | | Details in Comments section -use line number |

39 **Comments** (note line number from left margin before each comment):

40 **Findings of Human Interaction:** ☐ YES ☐ NO ☐ CBD

(Exam Type: ☐ Photos Only ☐ External Exam ☐ Partial Internal Exam ☐ Complete Internal Exam (necropsy))

| | |
|--|--|
| <input type="checkbox"/> Entanglement (gear__ debris__ CBD__) | <input type="checkbox"/> Vessel trauma (sharp__ blunt__ both__) |
| <input type="checkbox"/> Hooking (recreational__ commercial__ CBD__) | Gunshot <input type="checkbox"/> Mutilation |
| <input type="checkbox"/> Ingestion (gear__ debris__ CBD__) | <input type="checkbox"/> Harassment <input type="checkbox"/> CBD/Other _____ |

42 **Stranding Event History/Circumstances:**

43 **INITIAL HUMAN INTERACTION EVALUATION:** If you marked YES above (line 40) evaluate the external exam, necropsy, carcass condition and circumstances surrounding the stranding event to answer the question below. *Remember to be conservative in your subjective evaluation.*

What is the likelihood that the finding of human interaction (line 40), contributed to the stranding event?

0: Uncertain (CBD)

1: Improbable

2: Suspect

3: Probable

44 **Justification:**

Final human interaction evaluation requires additional data from level B and C analyses as well as review by experts (e.g. a veterinary pathologist)

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