

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.

	DETAILED EXAM OF ANATOMICAL AREAS	Origin of Lesion																Image taken?			
		Type of Lesion								Gear- Line			Gear/Debris			Other					
		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. NOAA Form 89-864; OMB Control No.0648-0178; Expiration Date 6/30/2024

Field #: _____

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

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

40 **Findings of Human Interaction:** YES NO CBD (Exam Type: external__ internal__ both __)
(transfer to Level A Datasheet)

41 Type of HI: (provide details in comments)

<input type="checkbox"/> Entanglement (gear__ debris__ CBD__)	<input type="checkbox"/> Vessel trauma (sharp__ blunt__ both__)
<input type="checkbox"/> Hooking (recreational__ commercial__ CBD__)	<input type="checkbox"/> 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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