

2 of 4

2004 **alco**® Book II

Composition Book

Name

Rehabed Releases

School \_\_\_\_\_

Grade \_\_\_\_\_

Wide Ruled

**G.H. BALAZS**

9 3/4 x 7 1/2 in. 100 Sheets  
(24.76 x 19.05 cm)

Marine Turtle Research  
NOAA NMFS PIFSC  
2570 Dole Street  
Honolulu, Hawaii 96822

MARINE TURTLE RESEARCH PROGRAM  
NMFS-HONOLULU LABORATORY  
FOR INTERNAL USE ONLY

MTRP USE ONLY:
TOPS: _____
LOGBOOK: _____

**SEA TURTLE STRANDING QUESTIONNAIRE:** (definition of "stranding" is any injured, sick, dead, or abnormally acting sea turtle ashore). Note: Due to personnel safety concerns, we do not normally go into water over knee deep to salvage a turtle. However, we would like to record details of such reports.

To be filled out by Marine Turtle Research Program personnel or others as available. (i.e. Stranding line 983-5730, S. Eames x5747, S. Murakawa x5731, G. Balazs x5733).

**Note:** Normal working hours of Marine Turtle Research Program personnel are 7:00 a.m. - 4:00 p.m. Monday-Friday. After hours, including weekends and holidays, please refer the caller to 24-hr. Hotline 587-0077 (Oahu), State Division of Conservation and Resources Enforcement (DOCARE) or page our contracted Sea Turtle Stranding Group at 288-5685. (NOTE: this pager number should NOT normally be given out to the public.)

The purpose of this questionnaire is to help facilitate a quick response (when appropriate and possible) to calls received from the public and other agencies concerning stranded (live or dead) sea turtles.

Person calling:

Name: Ray Hollowell  
Full mailing address: (optional - to send sea turtle literature)  
Ocean Energy Productions

Date and time of call: 05-28-02 / 10:30a

Phone: (304-444-7(c) / 924-0633(A)

Email: ray.hollowell@hawaii.com  
\*\*\*\*VERY IMPORTANT\*\*\*\*

Location  
Where is this turtle located? Report of a live, tumored turtle on a dry reef to the right of the Sand bar in Kaneohe Bay, been seen for 3 weeks

How close is it to the nearest vehicle access way? Contact called Randall Kunitchika Harbormaster @ Heeia Kea BH) a week ago to report it

Turtle is the turtle alive or dead?  A  D  Uncertain

or "Is it possible for one person to lift and carry the turtle?"  Yes  No

"Best guess" of the weight of the turtle? \_\_\_\_\_ lbs.  25lbs.  50lbs.  100lbs.  200lbs.  
(or circle one above)

About how large (shell length) is the turtle? \_\_\_\_\_ 1/2 - 1 ft;  1 - 2 ft;  2 - 3 ft;  3+ ft

What is the condition of the turtle? Heavily tumored in tail and eye regions.  
(i.e. rotten, fresh, intact or not, unknown)

Are there any obvious signs as to the cause of death or injury? (such as tumors, fish hook, fish line, shark bite, boat impact, oil, tar, spear, etc.)

Any evidence of law enforcement violation? Contact wants to know outcome  
If yes, please briefly describe:

Assure the person that the turtle will be attended to and/or someone will call them back just as soon as humanly possible (when involving normal working hours). Personnel and other resource limitations may cause delays. If the person indicates that there is a law enforcement problem, ask them to also call 541-2727 NMFS Law Enforcement Office at the Federal Building. Explain briefly that the office they have called is the Research Branch of National Marine Fisheries Service and that we will also be involved in responding to a turtle stranding that relates to law enforcement, but only in unison with an enforcement agent. For MTRP personnel, a response will only be possible during normal working hours and only when there are sufficient working hours remaining in the day to accomplish the job. After hours cases (from 4:00p.m. to 7:00a.m. weekdays) will be handled by our contracted Sea Turtle Stranding Group (pager 288-5685).

Name of person filling out this questionnaire: SKKM

If the person is calling from a neighbor island, and no one can be contacted in the Marine Turtle Research Program, please record the person's name and phone number and ask him or her to call the State DOCARE office or Division of Aquatic Resources Office located on their island, or call (from that neighbor island) the operator (dial "0") and ask for "Enterprise 5469"

Big Island: Hilo - 974-6208; or Kona - 323-3141; or Waimea - 887-6196  
Honolulu: 553-5190  
Fax: 955-7916  
Toll-free: 274-3521  
SKKM contacted Gordon Dayvar (KMCAS Env. Compl.), 267-6920 ext. 230 and he'll check out the area and call back

- SKKM left msg. for contact ~ 10:40am to say that someone is responding, no response from Gordon. Left msg @ 12:00 that contact will be retrieving turtle + bringing it to Heeia Kea B.H.
- Called SME to ask to respond + gave her info

# LIVE TURTLE EXAMINATION RECORD

Date: 5/28/02  
 Turtle ID: KAIKOE BAY - SANDAAR  
 Comments: ON SANDAAR  
4247651320 - 2-4240201416

## PHYSICAL EXAM

Head and neck: Neck #1

Mouth: labial swelling tumors #2's

Eyes: OD - 4 tumors 2#1; 2#2 usual  
OS - 3 tumors - 2#1; 1#2 growth on  
cornea

Front flippers: L - 1 #1  
R

Shell: unremarkable

Plastron: #4 tumor attached above tail  
area slightly soft - pushes middle  
vertebrae #1

Rear flippers: L - #3

Tail: #3 tumor - by left side of  
vent

BODY CONDITION: mild/moderate emaciation

## SAMPLES TAKEN

PCV 19 T.P. 1.4  
 CBC \_\_\_\_\_  
 Others \_\_\_\_\_  
 Chemistries \_\_\_\_\_

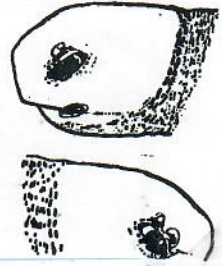
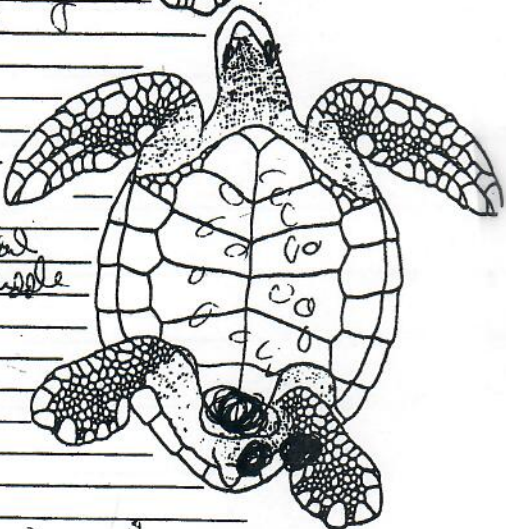
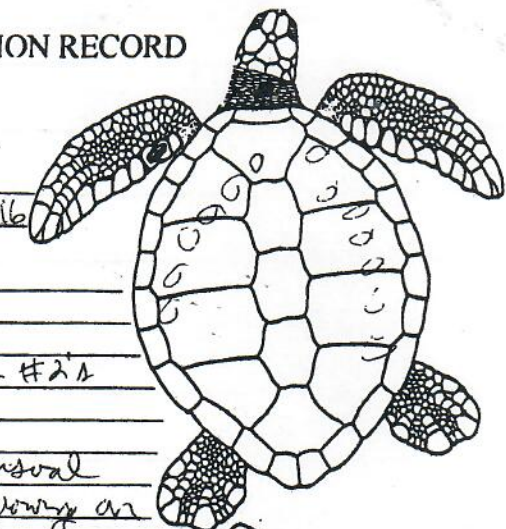
WT 38.1 lb

## APPROXIMATE TUMOR SIZE CATEGORIES:

- #1 = DETECTABLE PATCH TO 1CM DIAMETER
- #2 = >1CM TO 4CM
- #3 = >4CM TO 10CM
- #4 = >10CM

RECOMMENDATIONS: Orbital, eye tumors but visual  
seems good anterior tumor - mild/moderate emaciation  
- top - small nodular tumors - euthanasia or resection

Signed: [Signature]



KAI ANIMAL CLINIC, 420 Uluniu Street, Kailua, HI 96734

Revised 03/28/01

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

Three posterior TMS treated  
with Dermex 5-30-02 MAC

SEA TURTLE NECROPSY / TUMOR FORM

DATE FORM FILLED OUT 05/28/02

Released by GB  
Kaneohe Beach Park  
5/30/02  
1:45 PM  
Swam  
out  
SFR.org

~~DATE~~ DATE: / / MTRP STRANDING ID 05/28/02

CONTACT: Roy Hollowell	DATE: 05-28-02	LOCATION: reef (Kaneohe Bay) Oahu
PERSON RECORDING DATA: SME / SKS		

DESCRIPTIVE REMARKS:

found alive on reef. Retrieved by contact + placed on boat. Taken to Heeiea Kes B.H + P/U by SME + SKS. Taken to MAC. P/U from MAC via DB + taken to NMFS Lab 05/29/02.

- old leg wound RFF (healed)
- 2nd + 3rd Right Joints peeling CA carapace
- PCA plestron
- plastron, tail + cloaca (rough estimate) due to tumor
- 1 adult leeches on eye and lg. tumor

over  
→

TUMOR SCORE: 2	TAGS: 424065132D	RHF	SEX: Male, Female or Undetermined U
ORAL TMS EXT: YES OR NO Y	424020141G	LHF	Removed
EMACIATION CODE: 12		DB: 30	VB: 58

Remove

STRAIGHT CARAPACE - LENGTH: 51.5 cm	WIDTH: 41.2 cm	
NOTCH LENGTH: 51.5 cm	PPS (Y/N): N/A	
CURVED CARAPACE LENGTH: 54.5 cm	WIDTH: 48.5 cm	
HEAD WIDTH: 8.2 cm	AXIAL: 18.2 cm	LATERAL: 18.4 cm
TAIL LENGTH: T ~8.0 cm	C ~4.0 cm	
RIGHT FRONT FLIPPER WIDTH: 9.0 cm	SAMPLES COLLECTED: Some barricades removed and saved by Dr. Zogstad for larval culture	
PLASTRON LENGTH: ~41.0 cm		
WEIGHT: 38.1 #		

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE	4				4	1#1 each corner
LEFT EYE	3				3	1#1 each corner
MOUTH		2			2	1#2 RJH 1#2 LJH
NECK	1				1	
RFF						
LFF	1				1	
RHF						
LHF		1			1	
CLOACA/TAIL		1		1	2	1#4 on tail = not blocking obsc
SEAMS/SCUTES						
INTERNAL						
TOTAL	9	4		1	14	

Treated with Dermol 5/30/02 by Dr. Morris

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO

YES  NO

OTHER INFORMATION:

Mototool: "TW" on 3<sup>rd</sup> lateral left/right w/ white paint  
Taken to MAC on 5-29-02 by DB.

TUMOR SCORE:

1  2

Marine Turtle Research  
 NMFS HONOLULU LAB  
 2570 Dole Street  
 Honolulu, HI 96822-2396

Tag Type  
 PIT  
 RHF  
 PIT  
 RFL  
 LFL  
 LHF  
 RHF

Tag Type  
 PIT  
 RHF  
 PIT  
 RFL  
 LFL  
 LHF  
 RHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Tag Position	Since Last Encounter			Overall		
						Month	Year	Growth-Rates cm/mo	Month	Year	Growth-Rates cm/mo
9/12/94	Near Shore	Oahu, Kaneohe Bay, A.O.L.	0	-	LHF	44.1	---	---	---	---	---
1/20/95	Near Shore	Oahu, Kaneohe Bay, A.O.L.	0	-	RHF	44.5	0.3	1.3	4.0	0.3	0.1
10/15/97	Near Shore	Oahu, Kaneohe Bay, A.O.L.	1	-	PIT	50.1	2.7	0.2	37.0	3.1	0.2
8/14/01	Near Shore	Oahu, Kaneohe Bay, A.O.L.	2	-	RFL	51.4	3.8	0.0	83.0	6.9	0.1
8/21/01	Near Shore	Oahu, Kaneohe Bay, A.O.L.	2	-	LHF	51.2	---	---	83.0	6.9	0.1

5/28/02 KBAY 2  
 5/30/02 KBAY 2  
 Released posterior 3 tumors treated w/ Denonop.

Marine Turtle Research  
 NMFS HONOLULU LAB  
 2570 Dole Street  
 Honolulu, HI 96822-2396

Tag Type  
 PIT  
 RHF  
 PIT  
 RFL  
 LFL  
 LHF  
 RHF

Tag Type  
 PIT  
 RHF  
 PIT  
 RFL  
 LFL  
 LHF  
 RHF

Date	Type of Encounter	Location	Tumor Rank	Nesting Act	Tag Position	Since Last Encounter			Overall		
						Month	Year	Growth-Rates lbs/mo	Month	Year	Growth-Rates lbs/mo
9/12/94	Near Shore	Oahu, Kaneohe Bay, A.O.L.	0	-	LHF	---	---	---	---	---	---
1/20/95	Near Shore	Oahu, Kaneohe Bay, A.O.L.	0	-	RHF	29.0	0.3	---	4.0	0.3	---
10/15/97	Near Shore	Oahu, Kaneohe Bay, A.O.L.	1	-	PIT	42.0	2.7	0.4	37.0	3.1	---
8/14/01	Near Shore	Oahu, Kaneohe Bay, A.O.L.	2	-	RFL	---	3.8	---	83.0	6.9	---
8/21/01	Near Shore	Oahu, Kaneohe Bay, A.O.L.	2	-	LHF	46.0	---	---	83.0	6.9	---

5/28/02 KBAY 2  
 38.1

DECEMBER 2001 REVISION

MARINE TURTLE RESEARCH PROGRAM  
NMFS-HONOLULU LABORATORY  
FOR INTERNAL USE ONLY

MTRP USE ONLY:  
22 FEB 2002  
TOPS:  
LOGBOOK: 22 FEB 2002

**SEA TURTLE STRANDING QUESTIONNAIRE:** (definition of "stranding" is any injured, sick, dead, or abnormally acting sea turtle ashore). Note: Due to personnel safety concerns, we do not normally go into water over knee deep to salvage a turtle. However, we would like to record details of such reports.

To be filled out by Marine Turtle Research Program personnel or others as available. (i.e. Stranding line 983-5730, S. Eames x5747, S. Murakawa x5731, G. Balazs x5733).

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The purpose of this questionnaire is to help facilitate a quick response (when appropriate and possible) to calls received from the public and other agencies concerning stranded (live or dead) sea turtles.

Person calling: Brian Drexler via Cody Hoover (SSG) Date and time of call: 2/14/02 B 9:40 p.m. *Message on recorder*  
Name: Brian Drexler via Cody Hoover (SSG) Phone: 284-4500  
Full mailing address: (optional - to send sea turtle literature) 47-046 Laeani Dr. Email: \*\*\*\*VERY IMPORTANT\*\*\*\*  
Kahalua, HI 96744

Location  
Where is this turtle located? Turtle beached at Laeani Beach Park and not very active. Contact said he was snorkeling and saw

How close is it to the nearest vehicle access way? turtle. He kind of "helped" the turtle out of the water onto the beach. It hadn't returned to

Turtle  
Is the turtle alive or dead?  (A)  D  Uncertain

or "Is it possible for one person to lift and carry the turtle?"  Yes  No  
"Best guess" of the weight of the turtle? \_\_\_\_\_ lbs. 25lbs. 50lbs. 100lbs. 200lbs.  
(or circle one above)

About how large (shell length) is the turtle? \_\_\_\_\_ 1/2 - 1 ft; 1 - 2 ft; 2 - 3 ft; 3+ ft

What is the condition of the turtle? NO tags, Tumors and one large one on the neck. Also had holes in each of the front flippers.  
(i.e. rotten, fresh, intact or not, unknown)

Are there any obvious signs as to the cause of death or injury? (such as tumors, fish hook, fish line, shark bite, boat impact, oil, tar, spear, etc.)

Any evidence of law enforcement violation?  
If yes, please briefly describe:

Assure the person that the turtle will be attended to and/or someone will call them back just as soon as humanly possible (when involving normal working hours). Personnel and other resource limitations may cause delays. If the person indicates that there is a law enforcement problem, ask them to also call 541-2727 NMFS Law Enforcement Office at the Federal Building. Explain briefly that the office they have called is the Research Branch of National Marine Fisheries Service and that we will also be involved in responding to a turtle stranding that relates to law enforcement, but only in unison with an enforcement agent. For MTRP personnel, a response will only be possible during normal working hours and only when there are sufficient working hours remaining in the day to accomplish the job. After hours cases (from 4:00p.m. to 7:00a.m. weekdays) will be handled by our contracted Sea Turtle Stranding Group (pager 288-5685).

Name of person filling out this questionnaire: SME

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Big Island: Hilo - 974-6208; or Kona - 323-3141; or Waimea - 887-6196  
Molokai: 553-5190  
Lanai: 565-7916  
Kauai: 274-3521  
Maui: 984-8110

*p/u by Cody (SSG) and taken to MAE. Pam said holes look like piercings and turtle was fat and active. p/u by [unclear] on 2-20-02 and taken to NMFS-KRF*

15 MAR 2002

Case: 640

Agent: Cody

Date: 14 Feb, 2002

Called by: Brian Drexler 284-4500

Reported by: same 47-048 Lae Nani Dr.  
Kaneohe 96744

Call rec'd: 4:49 p.

On site: 6:40 pm

Location: Lae Nani Beh Park, north Kaneohe

Status: alive

Species: grn

Tumors: 1 - lg. on neck

CCL: 49 cm

Tag: none vis.

Several on back flippers

Brian said the turtle was on the beach, not very active. He said it had several tumors, 1 large, and a hole in each front flipper. He said he saw it while snorkeling and "Kinda helped him out" of the water. I told him I would be there soon but to not touch the turtle anymore so that it could return to the water if it wanted.

Arrived - turtle still on beach, had many barnacles too. Pam said turtle is fat and called holes in flippers 'piercings'. Turtle was fairly active.

Brian interested in turtle info. and volunteer...?



LIVE TURTLE EXAMINATION RECORD

Date: 2/14/02  
 Turtle ID: KADONE-LEA WAI STATE PARK  
 Comments: 10 WATER

WT 31.4 lbs

PHYSICAL EXAM

Head and neck: # 3 tumor neck -

Mouth: #1 #2 hood of mouth  
low large tumor #2 left side

Eyes: 2 - 2 #1 tumors - blind - genital  
on cornea

Front flippers: R - fishhook like scar at base  
W - in proximal flg. (Right - #2, #3)

Shell: barred

Plastron: barred

Rear flippers: Right #2  
Left - #2 #3 tumor

Tail: #2 tumor

BODY CONDITION: good

SAMPLES TAKEN

PCV 25 T.P. 2.6  
 CBC \_\_\_\_\_ Chemistries \_\_\_\_\_  
 Others \_\_\_\_\_

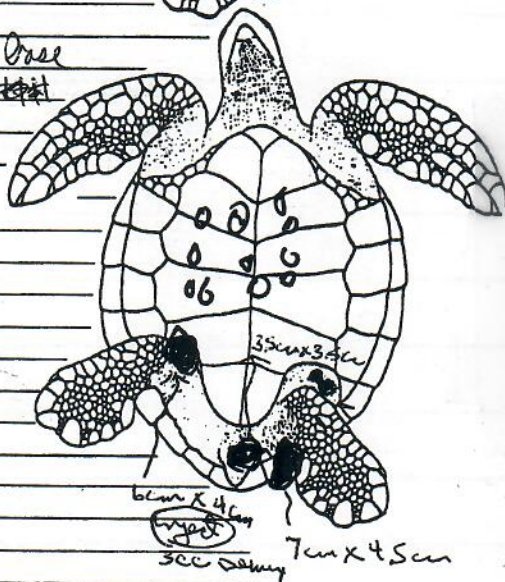
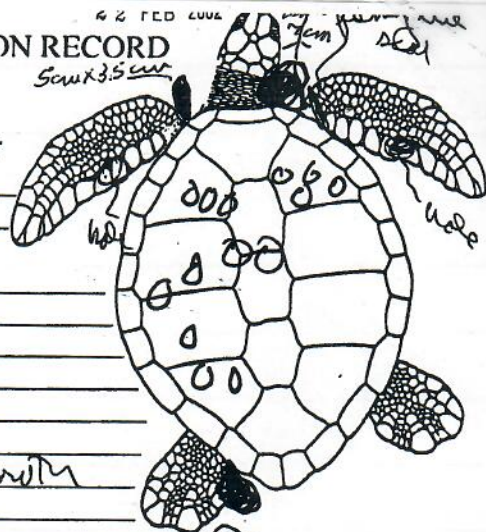
APPROXIMATE TUMOR SIZE CATEGORIES:

- #1 = DETECTABLE PATCH TO 1CM DIAMETER
- #2 = >1CM TO 4CM
- #3 = >4CM TO 10CM
- #4 = >10CM

RECOMMENDATIONS: Urgent turtle - mild anemia  
1) blind 2) eye - 2 #2 mouth tumor body condition good  
PT will try to see if we can rehab - see sheet

Signed: Robert Adams

MAKAI ANIMAL CLINIC, 420 Uluniu Street, Kailua, HI 96734



**MEDICAL HISTORY - CLINICAL RECORD**

22 FEB 2002

OWNER NAME <i>Korene</i>		ADDRESS		TELEPHONE	
PATIENT NAME		SPECIES	BREED	SEX	COLOR AND MARKINGS
ALTERED YES <input type="checkbox"/> NO <input type="checkbox"/>	BIRTHDATE	SPECIAL INFORMATION <i>Shelby 2/14/02</i>		LAB	X-RAY
DATE	TEMP	DESCRIPTION			
<i>2/15/02</i>	<i>-</i>	<p><i>local blood 2cc Marcaine w/phenylephrine base of mouth tumor - surgical excision -</i></p> <p><i>bleeding -</i></p> <p><i>PIA - mouth w/ abnormal appearance from to right side of jaw</i></p> <p><i>VO</i></p> <p><i>chest x-ray 3x</i></p> <p><i>2 respiratory R low lung volume 3x -</i></p> <p><i>75mg AMIKACIN IM</i></p> <p><i>P) hole in skin over lesion -</i></p> <p><i>Wid at Keweenaw for serial culture -</i></p> <p><i>early removal of other tumors 2/15 if possible -</i></p> <p><i>evaluate as soon as possible -</i></p>			
<i>2/18/02</i>		<p><i>give 150cc normal R fluids 1P</i></p> <p><i>40mg amoxicillin IM</i></p> <p><i>P. 12/19 to Keweenaw -</i></p> <p><i>injection of Dermis in 1-2 lesions -</i></p> <p><i>give amoxicillin 2/21, 2/24 -</i></p> <p><i>possible CBC to Keweenaw -</i></p>			
<i>2/19</i>		<p><i>Draw CBC clean -</i></p> <p><i>Inject R chest tumor 6cm x 4cm with 3cc Dermis 4 sites - 18g needle</i></p> <p><i>searched for other measurements</i></p> <p><i>sent to Keweenaw</i></p> <p><i>fluids taken</i></p> <p align="right"><i>RW</i></p>			

**MEDICAL HISTORY - CLINICAL RECORD**

OWNER NAME <i>Korene Miller</i>		ADDRESS			TELEPHONE	
PATIENT NAME		SPECIES	BREED	SEX	COLOR AND MARKINGS	
ALTERED YES <input type="checkbox"/> NO <input type="checkbox"/>	BIRTHDATE	SPECIAL INFORMATION <i>Domestic tulle</i>		LAB	X-RAY	
DATE	TEMP	DESCRIPTION				
<i>3/19/02</i>		<i>injected ear for Domestic reduced dose 1/2 cc/cc tumor wt 29.6 gms</i>  <i>Photos taken</i>				
		<i>① tail tumor - pedunculated 4x3cm injected 1 1/2 cc 4 sides 18 gauge</i>				
		<i>② left ear flapper - loose - 6x6cm injected 3cc Domestic 16g needle</i>				
		<i>③ R. near base x 6cm - narrow base 3cc loose only</i>				
		<i>④ left front flapper 2 1/2 x 3cm injected 1/2 cc at base 18g needle organ with area looks good -</i>				
<i>3/26/02</i>		<i>Recheck at Kawas Photos change</i>				

**MEDICAL HISTORY - CLINICAL RECORD**

OWNER NAME <b>Dermot TURTLE</b>		ADDRESS		TELEPHONE
PATIENT NAME	SPECIES	BREED	SEX	COLOR AND MARKINGS
ALTERED YES <input type="checkbox"/> NO <input type="checkbox"/>	BIRTHDATE	SPECIAL INFORMATION <b>KAWAHOE 2/14/02</b>	LAB	X-RAY

DATE	TEMP	DESCRIPTION
3/26/02		(1) Tail tumor - purple color and firm (2) L rear - soft - shedding off parts of tumor (3) R. neck - firm but slightly dark color (4) L front - soft pale color  Corneal tumor (5) - necrotic & came off - turtle eating & doing well - <b>(Rn)</b>
7/1/02		✓ at K. Owalo #1 - appears $\frac{1}{2}$ necrotic / soft purple lasp #2 - gone, with base firm #3 - soft & oily base - ready to drop off - (4) gone - firm firm area of base  Pictures of & Rn.  3 & # (5) better and flapping
4/17/02		at clinic photo of tumors (1) tail only $\frac{1}{2}$ of tumor left - 40x25mm - apply Dermox cream approx. 1hr & put in H <sub>2</sub> O (2) (2) rear 5mm x 20mm crater (3) R neck 60mm x 30mm crater 10mm deep (4) L front 15x10mm crater 10mm deep. P) (1) Dermox cream - tail. (2) Dermox cream to L rear tumors 20mm x 10mm isolated (3) check cream tubes

WT  
31.4 #

SEA TURTLE NECROPSY / TUMOR FORM

DATE FORM FILLED OUT 03/19/02

NECROPSY DATE: / / MTRP STRANDING ID 02-14-02B

CONTACT: Brian Prexler via Cody Hoover (SSS)	DATE: 02-14-02B	LOCATION: Kaneohe Bay (Laenani Beach PK)
PERSON RECORDING DATA: SKKM		

DESCRIPTIVE REMARKS:  
 Found alive beached in lethargic condition. Contact brought turtle to higher ground. Holes present in FF, possible tag loss. Plu by Cody and taken to Makai Animal Clinic.  
 Blind in left eye, growth on cornea.  
 RFF fishing line scar at base, hole in proximal flipper.  
 Plu by TH on 2-20-02 and taken to NMFS-KEF.  
 Given 40mg IM Amikacin on 2/21 + 2/25/02.  
 Taken to Makai Animal Clinic on 3/19/02 by SKKM for Dermex injections by Dr. Thomas.  
 Injected tail, 4 x 3cm, 1.5cc, 18G (4x)  
 LHF, 6 x 6cm, 3.0cc, 18G (2x)  
 R neck, 6 x 6cm, 3.0cc, 18G (base only)

18G dermex:  
2/18/02

over →

Digital photos taken

TUMOR SCORE: 2	TAGS:	SEX: Male, Female or Undetermined U
ORAL TMRS EXT: YES OR NO 7		
EMACIATION CODE: 0		DB: 0 VB: 6

STRAIGHT CARAPACE - LENGTH: 47.4 cm	WIDTH: 37.1 cm
NOTCH LENGTH: 47.2 cm	PPS (Y/N): N
CURVED CARAPACE LENGTH: 50.5 cm	WIDTH: 43.0 cm
HEAD WIDTH: 7.8 cm	AXIAL: cm LATERAL: cm
TAIL LENGTH: T 11.0 cm	C 7.0 cm
RIGHT FRONT FLIPPER WIDTH: 8.1 cm	SAMPLES COLLECTED:
PLASTRON LENGTH: 37.2 cm	
WEIGHT: 31.4 #	

29.8# (3/19/02)

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE						
LEFT EYE	2				2	#1 cornea, #1 lower lid
MOUTH	2	2			2	#1 LJT, #2 roof of mouth
NECK			1		1	
RFF						
LFF		1			1	
RHF	1		1		2	#3 retractor
LHF	1	1	1		3	
CLOACA / TAIL		1			1	#2 cloaca
SEAMS / SCUTES						
INTERNAL						
TOTAL	4	5	3		12	

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO

Y

OTHER INFORMATION: Examined by Dr. Morris @ NMFS KRF on 4-1-02. Photos taken by SKB/morris  
 Plu by SKB on 4-17-02 @ NMFS-KRF to Makai Animal Clinic. Dr. Morris applied  
 Dermex cream to tail, LFF, R neck & LFF. Photos taken. Transferred  
 back to NMFS-KRF.  
 Plu by SKB on 5-10-02 and taken to MAC for check-up, then taken back to KRF  
 plu by SKB/bz on 6-13-02 and taken to MAC for check-up and photos  
 by Dr. Morris.  
 Plu by SKB on 6-18-02 and taken to MAC for final check-up and photos  
 then brought to NMFS-lab for release.

TUMOR SCORE:

2

- APPROXIMATE TUMOR SIZE CATEGORIES:
- #1 = DETECTABLE PATCH TO 1cm DIAMETER
  - #2 = >1cm TO 4cm
  - #3 = >4cm TO 10cm
  - #4 = >10cm

Revised 04/04/01

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

Motool "DX"

DATE FORM FILLED OUT 6/18/02 Released 6/18/02 3:40pm  
CAPTURE DATE, LOCATION AND METHOD: K Bay Beach Park by GB - Swam off fasto

2-14-02B	Brian Drexler via Cody Hoover (SSG)	Kaneohe Bay (Laeani Beach Park) Dahu
PERSON RECORDING DATA: SME/LY		

TUMOR SCORE <input type="text" value="1"/>	OLD TAGS: 	NEW TAGS: RHF 424D06495D RFL LFF 423E141D54 LHF
ORAL TMRS EXT: YES OR NO <input type="text" value="yes"/>		
EMACIATION CODE <input type="text" value="2"/>		

STRAIGHT CARAPACE - LENGTH:  cm WIDTH:  cm

NOTCH LENGTH:  cm DB:  L.O. VB:  L.O.

CURVED CARAPACE LENGTH:  cm WIDTH:  cm

HEAD WIDTH:  cm AXIAL:  cm LATERAL:  cm

PPS: YES OR NO OR NE  SEX: Male, Female or Undetermined

TAIL LENGTH: T  cm C  cm

RIGHT FRONT FLIPPER WIDTH:  cm

PLASTRON LENGTH:  cm

WEIGHT:  #

428  
11.9  
35.9

DESCRIPTIVE REMARKS:

Tumors: 1#1 RSH  
 3#1 LHF 2.5 cm diameter healing <sup>gray</sup> patch on LHF  
 1#1 RHF 4.5 cm " " " " RHF  
 1#1 Cloaca 1.5 cm " " " " tail  
 1#1 Lt eye 8.0 cm x 2.5 cm " " " Neck  
 1#1 R eye

Motool "DX" on 2nd lat. left/right forms/tagging.xls

MARINE TURTLE RESEARCH PROGRAM  
 NMFS-HONOLULU LABORATORY  
 FOR INTERNAL USE ONLY

MTRP USE ONLY:  
 TOPS: \_\_\_\_\_  
 LOGBOOK: \_\_\_\_\_

**A TURTLE STRANDING QUESTIONNAIRE:** (definition of "stranding" is any injured, sick, dead, or normally acting sea turtle ashore). Note: Due to personnel safety concerns, we do not normally go into water over knee deep to salvage a turtle. However, we would like to record details of such reports.

to be filled out by Marine Turtle Research Program personnel or others as available.  
 Stranding line 983-5730, S. Eames x5747, S. Murakawa x5731, G. Balazs x5733).

Normal working hours of Marine Turtle Research Program personnel are 7:00 a.m. - 4:00 p.m. Monday-Friday. After hours, including weekends and holidays, please refer the caller to 24-hr. Hotline 587-0077 (Oahu), State Division of Conservation and Resources Enforcement (DOCARE) or page our contracted Sea Turtle Stranding Group at 288-5685. (NOTE: this pager number could NOT normally be given out to the public.)

The purpose of this questionnaire is to help facilitate a quick response (when appropriate and possible) to calls received from the public and other agencies concerning stranded (live or dead) sea turtles.

Person calling:

Date and time of call: 6/17/02A 9:45 a.m.

Name: Beverly (DOCARE)  
 Mailing address: (optional - to send sea turtle literature)

Phone: 587-0077 (453-6780)  
 Email: \*\*\*\*VERY IMPORTANT\*\*\*\*

Location

Where is this turtle located? Waianae Boat Harbor. pln by officer Keawe and taken to the boat ramp. Thought turtle was a net until net moved. Mr. Idler retrieved turtle

How close is it to the nearest vehicle access way?

Turtle

Is the turtle alive or dead?  A  D  Uncertain

(A local diver)

"Is it possible for one person to lift and carry the turtle?"  Yes  No

Best guess of the weight of the turtle? \_\_\_\_\_ lbs. 25lbs.  50lbs.  100lbs.  200lbs.  
 (or circle one above)

How large (shell length) is the turtle? \_\_\_\_\_ 1/2 - 1 ft; 1 - 2 ft; 2 - 3 ft; 3+ ft

What is the condition of the turtle? Hook in the neck on the right side.  
 (rotten, fresh, intact or not, unknown)  
Officer already removed fishing line.

Are there any obvious signs as to the cause of death or injury? (such as tumors, fish hook, fish line, shark bite, boat impact, oil, tar, spear, etc.)

Any evidence of law enforcement violation? If yes, please briefly describe:

Assure the person that the turtle will be attended to and/or someone will call them back just as soon as humanly possible (when involving normal working hours). Personnel and other resource limitations may cause delays. If the person indicates that there is a law enforcement problem, ask them to also call 541-2727 NMFS Law Enforcement Office at the Federal Building. Explain briefly that the office they have called is the Research Branch of National Marine Fisheries Service and that we will also be involved in responding to a turtle stranding that relates to law enforcement, but only in unison with an enforcement agent. For MTRP personnel, a response will only be possible during normal working hours and only when there are sufficient working hours remaining in the day to accomplish the job. After hours cases (from 4:00p.m. to 7:00a.m. weekdays) will be handled by our contracted Sea Turtle Stranding Group (pager 288-5685).

Name of person filling out this questionnaire: DB/SME

If the person is calling from a neighbor island, and no one can be contacted in the Marine Turtle Research Program, please record the person's name and phone number and ask him or her to call the State DOCARE office or Division of Aquatic Resources Office located on their island, or call (from that neighbor island) the operator (dial "0") and ask for "Enterprise 5469"

Island: Hilo - 974-6208; or Kona - 323-3141; or Waimea - 887-6196  
 Local: 553-5190  
 Fax: 565-7916  
 Mail: 274-3521



LIVE TURTLE EXAMINATION RECORD

Date: 6/17/02 A  
 Turtle ID: WAIANA BOAT HARBOR  
 Comments: Cataracted & hooded on fishing  
Trunk line with pale bottle flanks

PHYSICAL EXAM

Head and neck: Normal

Mouth: Normal

Eyes: Normal

Front flippers: Left - hood deeply embedded  
↳ loose of left front flipper / support 8-10  
Size - open white hood - ventral

Shell:

Plastron: Normal

Rear flippers: Normal

Tail: Normal

BODY CONDITION: Good

SAMPLES TAKEN

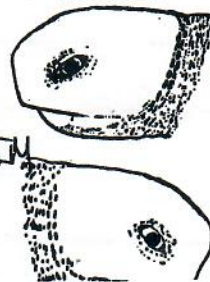
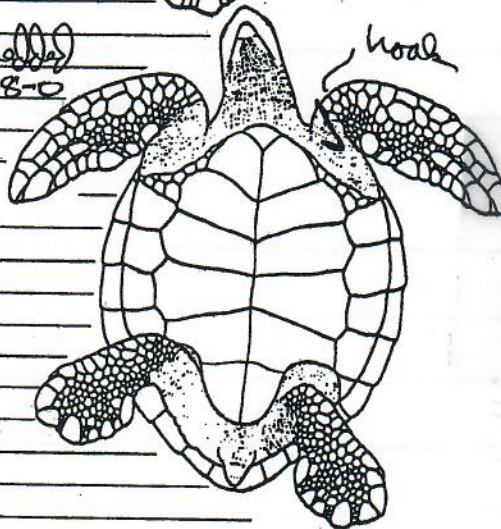
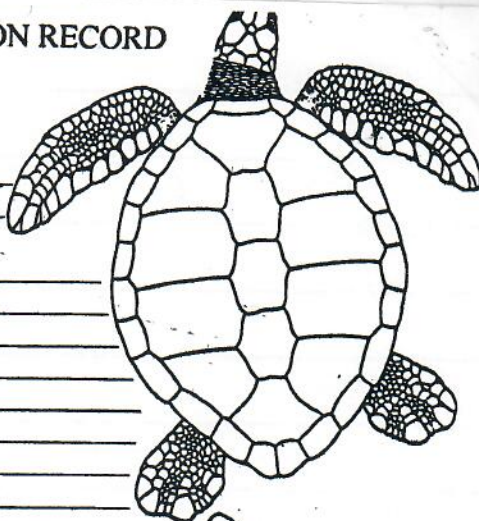
PCV \_\_\_ T.P. \_\_\_ AB w/ 0  
 CBC \_\_\_ Chemistries  
 Others X-ray only WT 53.8 lbs

APPROXIMATE TUMOR SIZE CATEGORIES:

- #1 = DETECTABLE PATCH TO 1CM DIAMETER
- #2 = >1CM TO 4CM
- #3 = >4CM TO 10CM
- #4 = >10CM

RECOMMENDATIONS: Local Waianae Blvd - cat  
hood - Surgical cut around hood + hood removal -  
Blue wound ointment Sal - Pack Type AB 125 mg  
 Signed: Robert A. Harris DVM Rose

MAKAI ANIMAL CLINIC, 420 Uluniu Street, Kailua, HI 96734



Revised 03/28/01

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

Mototool w/ white  
paint "5H" on

2nd lat. left/right.

SEA TURTLE NECROPSY/TUMOR FORM

DATE FORM FILLED OUT 6/17/02

6/18/02 Released 340 pm

Release

NECROPSY DATE: 6/18/02 MTRP STRANDING ID 6/17/02 A

K Bay Beach  
Park by GB

CONTACT: Off. Keawe #216 badge # (DO CARE)	DATE: 6/17/02 A	LOCATION: Waianae Boat Harbor
PERSON RECORDING DATA: DB		

SWIM  
OFF  
FAST,

DESCRIPTIVE REMARKS:

2" hook in LFF. Turtle found outside Waianae boat harbor, attached to sea floaters, fishing line and 4 more hooks. P/u by officer Keawe (DO CARE) and brought to shore. He had removed the floaters, line, and other 4 hooks. Only the one hook remained. P/u by DB and taken to MAC.

- small note ~ 2cm ventral side of LFF - hook removal wound  
P/u from MAC + taken to KRF 06/18/02 by SKB.  
P/u by LY and brought to NMFS-lab same day for release.

TUMOR SCORE:

0

NEW

424D621748

ORAL TMRS EXT:  
YES OR NO

-

TAGS:



SEX: Male, Female  
or Undetermined

U

EMACIATION CODE:

8

LHC

424F0F0E1D



DB:

0

VB:

0

STRAIGHT CARAPACE - LENGTH:

54.1 cm

WIDTH:

44. cm

NOTCH LENGTH:

53.8 cm

PPS

(Y/N):

Y

CURVED CARAPACE LENGTH:

59.5 cm

WIDTH:

53.5 cm

HEAD WIDTH:

9.0 cm

AXIAL:

22.3 cm

LATERAL:

21.8 cm

TAIL LENGTH: T

11.5 cm

C

8.8 cm

RIGHT FRONT FLIPPER WIDTH:

8.3 cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

43.0 cm

WEIGHT:

53.8 #

Release - Makai Animal Lab  
copy

### LIVE TURTLE EXAMINATION RECORD

Date: 6/3/02  
Turtle ID: W  
Comments: Physical for Release  
56#

#### PHYSICAL EXAM

Head and neck: normal

Mouth: normal

Eyes: normal

Front flippers: 1 front flipper deformed  
FX humerus - healed

Shell: normal

Plastron: normal

Rear flippers: R. rear - 1 missing

Tail: normal

BODY CONDITION: good

#### SAMPLES TAKEN

PCV    T.P.     
CBC  Chemistries   
Others   

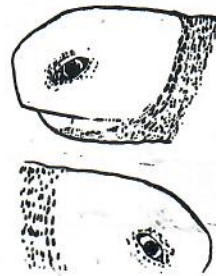
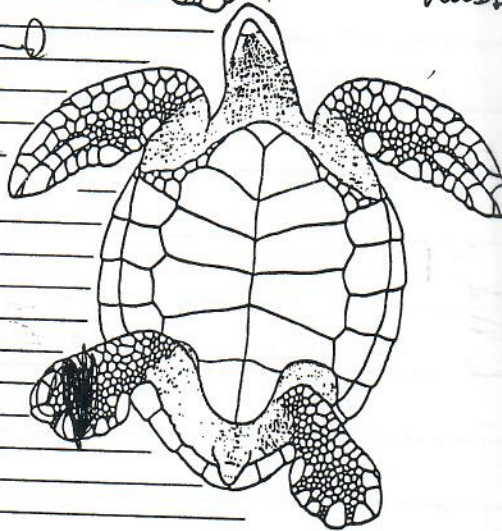
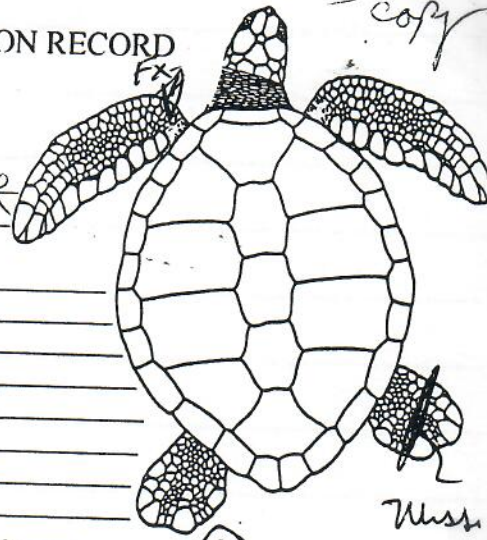
#### APPROXIMATE TUMOR SIZE CATEGORIES:

- #1 = DETECTABLE PATCH TO 1CM DIAMETER
- #2 = >1CM TO 4CM
- #3 = >4CM TO 10CM
- #4 = >10CM

RECOMMENDATIONS: P.  
WT gain 1.5 lbs

Signed: Ronald Mours

MAKAI ANIMAL CLINIC, 420 Uluniu Street, Kailua, HI 96734



MAKAI ANIMAL HOSPITAL  
420 ULUNIU ST.  
KAILUA, HI 96734

IDEXX VETERINARY SERVICES  
Online results at [www.vetconnect.com](http://www.vetconnect.com)  
West Region 800-444-4210  
East/Central/Colorado 888-433-9987

1-808-262-9621 ACCOUNT #: 1303

PATIENT: NMFS,W

REQ #: 0017488

LAB #: L7957541

AGE: SEX:

COLLECTED: 02/20/2002

SPECIES: REPTILE

RECEIVED: 02/21/2002 07:09

BREED: GRN SEA TURTLE

REPORTED: 02/22/2002 05:42

DOCTOR: MORRIS

TEST PROCEDURES

REPTILIAN PROFILE #1

REPTILIAN PANEL #1

	RESULTS	REFERENCE RANGE	UNITS
* ALK. PHOSPHATASE	23		IU/L
* ALT (SGPT)	6		IU/L
* AST (SGOT)	85		IU/L
* CK	696		IU/L
* LDH	176		IU/L
* ALBUMIN	1.4		IU/L
* TOTAL PROTEIN	4.0		g/dL
* GLOBULIN	2.6		g/dL
* BUN	1		g/dL
* CREATININE	0.3		mg/dL
* CHOLESTEROL	181		mg/dL
* GLUCOSE	90		mg/dL
* CALCIUM	9.0		mg/dL
* PHOSPHORUS	5.2		mg/dL
* POTASSIUM	4.3		mg/dL
* SODIUM	153		mEq/L
* A/G RATIO	0.5		mEq/L
* URIC ACID	0.4		mg/dL
AVIAN/EXOTIC CBC AND PLASMA PROTEIN			
WBC-EST	9-11		
WBC COUNT	9.6		THOUS.
HCT	30.0		THOUS.
HETEROPHILS	37		%
NEUTROPHIL SEG	2		%
LYMPHOCYTES	60		%
MONOCYTES	1		%
ABSOLUTE HETEROPHIL	3552		%
ABSOLUTE NEUTROPHIL SEG	192		MM3
ABSOLUTE LYMPHOCYTE	5760		/uL
ABSOLUTE MONOCYTE	96		/uL
THROMBOCYTES			/uL
BLOOD PARASITES	ADEQUATE		

BLOOD PARASITES

NO PARASITES SEEN

REMARKS

NMFS,W

REPORT CONTINUED ON NEXT FORM

MAKAI ANIMAL HOSPITAL  
420 ULUNIU ST.  
KAILUA, HI 96734

IDEXX VETERINARY SERVICES  
Online results at [www.vetconnect.com](http://www.vetconnect.com)  
West Region 800-444-4210  
East/Central/Colorado 888-433-9987

1-808-262-9621 ACCOUNT #: 1303

PATIENT: HMFS,W

REQ #: 3773535  
AGE:  
SPECIES:  
BREED:

SEX:  
LAB #: L8627685  
COLLECTED: 06/04/2002  
RECEIVED: 06/05/2002 08:33  
REPORTED: 06/06/2002 06:04

DOCTOR: MORRIS  
TEST PROCEDURES  
REPTILIAN PROFILE #1  
REPTILIAN PANEL #1

	RESULTS	REFERENCE RANGE	UNITS
* ALK. PHOSPHATASE	26		IU/L
* ALT (SGPT)	2		IU/L
* AST (SGOT)	66		IU/L
* CK	472		IU/L
* LDH	85		IU/L
* ALBUMIN	1.7		IU/L
* TOTAL PROTEIN	4.9		g/dL
* GLOBULIN	3.2		g/dL
* BUN	67		g/dL
* CREATININE	0.3		mg/dL
* CHOLESTEROL	247		mg/dL
* GLUCOSE	115		mg/dL
* CALCIUM	7.4		mg/dL
* PHOSPHORUS	7.6		mg/dL
* POTASSIUM	5.4		mg/dL
* SODIUM	160		mEq/L
* A/G RATIO	0.5		mEq/L
* URIC ACID	0.8		mEq/L
AUJAN/EXOTIC CBC AND PLASMA PROTEIN			mg/dL
WBC-EST	21-23		
WBC COUNT	21.1		THOUS.
HCT	37.0		THOUS.
HETEROPHILS	33		%
NEUTROPHIL SEG	10		%
LYMPHOCYTES	55		%
MONOCYTES	1		%
EOSINOPHIL	1		%
ABSOLUTE HETEROPHIL	6963		%
ABSOLUTE NEUTROPHIL SEG	2110		MM3
ABSOLUTE LYMPHOCYTE	11605		/uL
ABSOLUTE MONOCYTE	211		/uL
ABSOLUTE EOSINOPHIL	211		/uL
THROMBOCYTES	211		/uL
BLOOD PARASITES	ADEQUATE		/uL

HMFS,W

REPORT CONTINUED ON NEXT FORM

CONTINUED REPORT

MAKAI ANIMAL HOSPITAL  
420 ULUNIU ST.  
KAILUA, HI 96734

IDEXX VETERINARY SERVICES  
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PATIENT: NMFS,W

REQ #: 0017488  
AGE: SEX:  
SPECIES: REPTILE  
BREED: GRN SEA TURTLE

LAB #: L7957541  
COLLECTED: 02/20/2002  
RECEIVED: 02/21/2002 07:09  
REPORTED: 02/22/2002 05:42

DOCTOR: MORRIS

TEST PROCEDURES

RESULTS

REFERENCE RANGE UNITS

CELLS DO NOT APPEAR TOXIC OR REACTIVE  
RBC MORPHOLOGY APPEARS NORMAL.

NEUTROPHILS = AZUROPHILS

WBC ESTIMATE AND DIFF MAY BE AFFECTED DUE TO POOR QUALITY OF SLIDES.

NMFS,W

\*\*\* FINAL REPORT \*\*\*

BATCH #: 003

Table 1 -- Mean, standard deviation, and range of straight carapace length, weight, and plasma biochemistry values for clinically healthy green turtles (*Chelonia mydas*), Hawaiian Islands, 1991-95

Variable	Kaneohe Bay, Oahu			Research Turtles							
	n = 53			2/20/02				6/3/02			
	Mean	±SD	Range	Y	X	Z	W	W	Y	W	
Straight Carapace Length	45.3	4.8	37.4-55.2								
Weight	14.1	4.7	7.7-25.4								
Protein (g dl)	4.2	0.6	2.9-5.6	3.3	4.5	3.9	4.0	<del>3.8</del>	4.9	6.1	
Albumin (g dl)	1.7	0.4	0.6-2.2	1.0	1.2	1.3	1.4	<del>1.0</del>	1.7	1.9	
Globulin (g dl)	2.7	0.5	1.8-4.0	2.3	3.3	2.6	2.6		3.2	4.2	
Albumin:Globulin Ratio	0.6	0.2	0.2-1.2	0.4	0.4	0.5	0.5		0.5	0.5	
Total Bilirubin (mg dl)	0.2	0.1	0.0-0.4								
Direct Bilirubin (mg dl)	0.05	0.1	0.0-0.5								
Indirect Bilirubin (mg dl)	0.2	0.1	0.0-0.4								
ALAT* (U l) SCPT	3.9	7.0	0.0-50.0								
ASAT (U l) SCOT	158.4	41.5	1.0-270	2	3	3	6	<del>2</del>	2	14	
Alkaline Phosphatase (U l)	33.5	12.2	12-62	160	140	187	85	160	160	219	
GGT* (U l)	2.7	1.5	0.0-5.0	1.7	3.7	4.4	3.3	1.7	2.6	3.6	
LDH* (U l)	303.8	180.4	55-1286								
Urea Nitrogen (BUN) (mg dl)	5.2	14.1	0.0-64.0	2.7	14.7	3.4	12.6	<del>2.7</del>	9.5	9.8	
Creatinine (mg dl)	0.2	0.1	0.1-0.5	2	1	5	1		6.7	1.9	
BUN:Creatinine Ratio	25.8	70.7	0.0-320.0	1.3	1.4	1.4	1.3		1.3	1.0	
Total Acid (mg dl)	1.3	0.8	0.0-1.5								
Calcium (mg dl)	9.1	1.7	1.1-12.1	1.1	0.6	1.0	0.4		0.9	3.5	
Phosphorus (mg dl)	8.2	1.3	5.9-11.8	8.2	8.7	8.2	9.0		7.4	7.2	
Cholesterol (mg dl)	140.0	43.0	32-280	7.0	5.7	5.7	5.2		7.6	14.9	
Triglycerides (mg dl)	124.2	68.7	28-331	193	173	160	181		2.7	20.4	
Glucose (mg dl)	114.7	35.0	64-234								
Iron (mcg dl)	46.3	64.8	9-321	112	109	109	90		115	106	
Iodine (mcg l)	158.0	4.0	146-170	159	158	157	153		160		
Cesium (mcg l)	5.2	0.9	3.9-8.6	5.0	5.0	5.3	4.3		5.4	4	
Glucose (mcg l)	119.2	5.7	103-130								
Standard Deviation				1545	1009	1367	690	1367	472	1392	
aspartate Aminotransferase				11.5	13.2	17.1	9.1				
aspartate Aminotransferase											
aspartate Aminotransferase											

ck  
WBC

*Kanessa - TURTLE STUDIES*

### LIVE TURTLE EXAMINATION RECORD

*CLB*

Date: 6/3/02  
Turtle ID: 713/02  
Comments: Physical for release

**PHYSICAL EXAM**

Head and neck: normal

Mouth: normal

Eyes: normal

Front flippers: normal

Shell: small dark ring around 3rd vertebral where was damaged when transmitter removed

Plastron: normal

Rear flippers: normal

Tail: normal

BODY CONDITION: \_\_\_\_\_

**SAMPLES TAKEN**

PCV \_\_\_\_\_ T.P. \_\_\_\_\_  
CBC  Chemistries   
Others \_\_\_\_\_

**APPROXIMATE TUMOR SIZE CATEGORIES:**

- #1 = DETECTABLE PATCH TO 1CM DIAMETER
- #2 = >1CM TO 4CM
- #3 = >4CM TO 10CM
- #4 = >10CM

RECOMMENDATIONS: \_\_\_\_\_

Signed: Robert A. Morris

MAKAI ANIMAL CLINIC, 420 Uluniu Street, Kailua, HI 96734

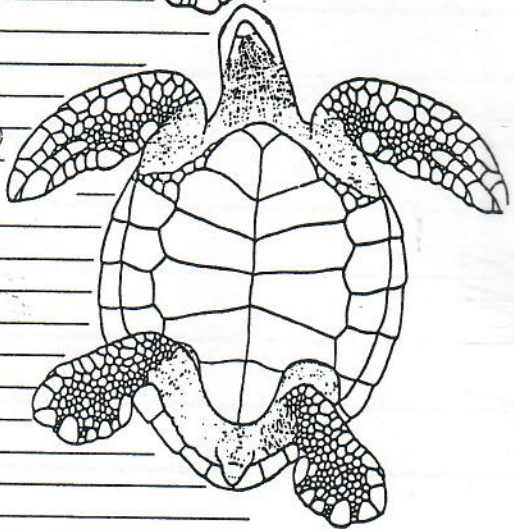
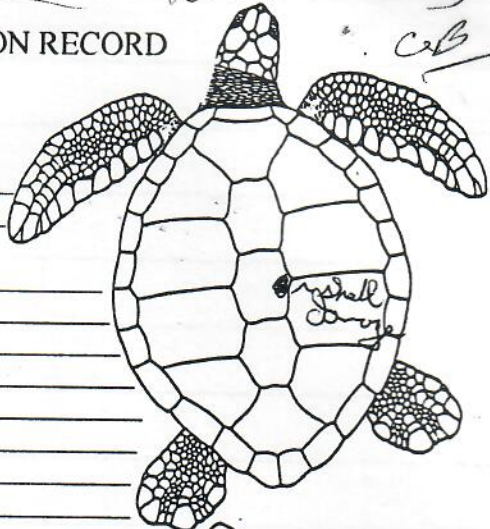




Table 1 -- Mean, standard deviation, and range of straight carapace length, weight, and plasma biochemistry values for clinically healthy green turtles (*Chelonia mydas*), Hawaiian Islands, 1991-95

Variable	Kaneohe Bay, Oahu			Research Turtles							
	n = 53			2/20/02				6/3/02			
	Mean	±SD*	Range	Y	X	Z	W	W	Y	W	Y
Straight Carapace Length	45.3	4.8	37.4-55.2								
Weight	14.1	4.7	7.7-25.4								
Protein (g dl)	4.2	0.6	2.9-5.6	3.3	4.5	3.9	4.0	<del>3.5</del>	4.9	6.1	
Albumin (g dl)	1.7	0.4	0.6-2.2	1.0	1.2	1.3	1.4	<del>1.0</del>	1.7	1.9	
Globulin (g dl)	2.7	0.5	1.8-4.0	2.3	3.3	2.6	2.6		3.2	4.2	
Albumin:Globulin ratio	0.6	0.2	0.2-1.2	0.4	0.4	0.5	0.5		0.5	0.5	
Total Bilirubin (mg dl)	0.2	0.1	0.0-0.4								
Direct Bilirubin (mg dl)	0.05	0.1	0.0-0.5								
Indirect Bilirubin (mg dl)	0.2	0.1	0.0-0.4								
ALAT <sup>b</sup> (U l) SCPT	3.9	7.0	0.0-50.0	2	3	3	6	<del>2</del>	2	14	
ASAT (U l) SCOT	158.4	41.5	1.0-270	160	140	187	85	160	160	219	
Alkaline Phosphatase (U l)	33.5	12.2	12-62	17	37	44	33	19	26	36	
GGT <sup>c</sup> (U l)	2.7	1.5	0.0-5.0								
LDH <sup>d</sup> (U l)	203.8	180.4	55-1286	277	187	349	126	277	95	98	
Urea Nitrogen (BUN) (mg dl)	5.2	14.1	0.0-64.0	2	1	5	1		67	119	
Creatinine (mg dl)	0.2	0.1	0.1-0.5	0.3	0.4	0.4	0.3		0.3	0.6	
BUN:Creatinine Ratio	25.8	70.7	0.0-320.0								
Total Solids (mg dl)	1.3	0.8	0.0-4.5								
Calcium (mg dl)	9.1	1.7	1.1-12.1	1.1	0.6	1.0	0.4		0.9	3.5	
Phosphorus (mg dl)	8.2	1.3	5.9-11.8	8.2	8.7	8.2	9.0		7.4	7.2	
Cholesterol (mg dl)	140.0	43.0	32-280	7.0	5.7	5.7	5.2		7.6	14.9	
Triglycerides (mg dl)	124.2	68.7	28-331	193	173	150	181		247	204	
Glucose (mg dl)	114.7	35.0	64-234								
Iron (mcg dl)	46.3	64.8	9-321	118	109	109	90		115	106	
Sodium (meq l)	158.0	4.0	146-170	159	158	157	153		160	160	
Potassium (meq l)	5.2	0.9	3.9-8.6	5.0	5.0	5.3	4.3		5.4	4	
Chloride (meq l)	119.2	5.7	103-130								
				1545	1504	1367	610	1565	472	1347	
				11.5	13.2	0.7	0.1				

\*Standard Deviation  
<sup>b</sup>Alanine Amino Transferase  
<sup>c</sup>Aspartate Amino Transferase  
<sup>d</sup>Gamma Glutamyl Transaminase

ck  
 wbc

MAKAI ANIMAL HOSPITAL  
420 ULUNIU ST.  
KAILUA, HI 96734

IDEXX VETERINARY SERVICES  
Online results at [www.vetconnect.com](http://www.vetconnect.com)  
West Region 800-444-4210  
East/Central/Colorado 888-433-9987

1-808-262-9621 ACCOUNT #: 1303

PATIENT: NMFS, Y

REQ #: 0017491  
AGE: SEX:  
SPECIES: REPTILE  
BREED: GRN SEA TURTLE

LAB #: I7957579  
COLLECTED: 02/20/2002  
RECEIVED: 02/21/2002 07:08  
REPORTED: 02/22/2002 06:06

DOCTOR: MORRIS  
TEST PROCEDURES  
REPTILIAN PROFILE #1  
REPTILIAN PANEL #1

	RESULTS	REFERENCE RANGE	UNITS
* ALK. PHOSPHATASE	17		
* ALT (SGPT)	2		IU/L
* AST (SGOT)	160		IU/L
* CK	1595		IU/L
* LDH	277		IU/L
* ALBUMIN	1.0		IU/L
* TOTAL PROTEIN	3.3		g/dL
* GLOBULIN	2.3		g/dL
* BUN	2		g/dL
* CREATININE	0.3		mg/dL
* CHOLESTEROL	193		mg/dL
* GLUCOSE	112		mg/dL
* CALCIUM	8.2		mg/dL
* PHOSPHORUS	7.0		mg/dL
* POTASSIUM	5.0		mg/dL
* SODIUM	159		mEq/L
* A/G RATIO	0.4		mEq/L
* URIC ACID	1.1		mg/dL
AVIAN/EXOTIC CBC AND PLASMA PROTEIN			mg/dL
WBC-EST	15-17		
WBC COUNT	16.5		THOUS.
HCT	26.0		THOUS.
HETEROPHILS	29 ✓		%
NEUTROPHIL SEG	2 ✓		%
LYMPHOCYTES	64 ✓		%
EOSINOPHIL	5		%
ABSOLUTE HETEROPHIL	4785		%
ABSOLUTE NEUTROPHIL SEG	330		MM3
ABSOLUTE LYMPHOCYTE	10560		/uL
ABSOLUTE EOSINOPHIL	825		/uL
THROMBOCYTES	ADEQUATE		/uL
BLOOD PARASITES			
NO PARASITES SEEN			

REMARKS  
NMFS, Y

REPORT CONTINUED ON NEXT FORM

MAKAI ANIMAL HOSPITAL  
420 ULUNIU ST.  
KAILUA, HI 96734

IDEXX VETERINARY SERVICES  
Online results at [www.vetconnect.com](http://www.vetconnect.com)  
West Region 800-444-4210  
East/Central/Colorado 888-433-9987

1-808-262-9621 ACCOUNT #: 1303

PATIENT: NMFS, Y

REQ #: 3773536  
AGE:  
SPECIES: REPTILE  
BREED:

LAB #: 18627891  
COLLECTED: 06/04/2002  
RECEIVED: 06/05/2002 08:26  
REPORTED: 06/06/2002 06:04

DOCTOR: MORRIS  
TEST PROCEDURES  
REPTILIAN PROFILE #1  
REPTILIAN PANEL #1

	RESULTS	REFERENCE RANGE	UNITS
* ALK. PHOSPHATASE	36		IU/L
* ALT (SGPT)	14		IU/L
* AST (SGOT)	219		IU/L
* CK	1392		IU/L
* LDH	98		IU/L
* ALBUMIN	1.9		IU/L
* TOTAL PROTEIN	6.1		g/dL
* GLOBULIN	4.2		g/dL
* BUN	119		g/dL
* CREATININE	0.6		mg/dL
* CHOLESTEROL	206		mg/dL
* GLUCOSE	106		mg/dL
* CALCIUM	7.2		mg/dL
* PHOSPHORUS	14.9		mg/dL
* POTASSIUM	4.0		mg/dL
* SODIUM	160		mEq/L
* A/G RATIO	0.5		mEq/L
* URIC ACID	3.5		mg/dL
AUIAN/EXOTIC CBC AND PLASMA PROTEIN			
WBC-EST	15-17		THOUS.
WBC COUNT	16.2		THOUS.
HCT	37.0		%
HETEROPHILS	34		%
NEUTROPHIL SEG	6		%
LYMPHOCYTES	50		%
EOSINOPHIL	10		%
ABSOLUTE HETEROPHIL	5508		MM3
ABSOLUTE NEUTROPHIL SEG	972		/uL
ABSOLUTE LYMPHOCYTE	8100		/uL
ABSOLUTE EOSINOPHIL	1620		/uL
THROMBOCYTES	ADEQUATE		/uL
BLOOD PARASITES			
NO PARASITES SEEN			
REMARKS			
NMFS, Y			

REPORT CONTINUED ON NEXT FORM

Revised 03/28/01

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

SEA TURTLE NECROPSY / TUMOR FORM

DATE FORM FILLED OUT 6/14/02

NECROPSY DATE: / / MTRP STRANDING ID 6.14.02

CONTACT: Leanne Mabuni DATE: 6.14.02  
Matthew Kekua LOCATION: ~~Haleiwa Beach~~

PERSON RECORDING DATA: JM/SKB Haleiwa Aii Beach Park, Oahu

DESCRIPTIVE REMARKS: Turtle found on reef covered w/sea weed. <sup>fishing line</sup> <sup>entangling</sup> <sup>PP</sup> <sup>alive</sup> ~~was~~ strangling turtle, Leanne removed ~~seaweed~~ and fishing line turtle improved, breathing evened out mild emaciation  
4th/10th <sup>left</sup> marginal healed notch, 11th left marginal healed notch, 8th/9th right marginal, healed notch, 10th right marginal healed notch  
Tumor on LF flipper = RFF underneath  
RFF: cut on shoulder Taken MAC by DB DB

TUMOR SCORE: 1  
ORAL TMRS EXT: 2  
YES OR NO  
EMACIATION CODE: 1

TAGS:

SEX: Male, Female or Undetermined

DB:  VB:

STRAIGHT CARAPACE - LENGTH: 57.5 cm

WIDTH: 45.4 cm

NOTCH LENGTH: 57.4 cm

PPS (Y/N):

CURVED CARAPACE LENGTH: 67.5 cm

WIDTH: 53 cm

HEAD WIDTH: 9.2 cm

AXIAL: cm LATERAL: cm

TAIL LENGTH: T 11.8 cm

C 8.8 cm

RIGHT FRONT FLIPPER WIDTH: 10.3 cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 47.8 cm

WEIGHT: 51.0 #

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE						
LEFT EYE						
MOUTH						
NECK						
RFF	1	1			2	
LFF		1	1		2	
RHF						
LHF						
CLOACA / TAIL						
SEAMS / SCUTES						
INTERNAL						
TOTAL	1	2	1		4	

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO  N

OTHER INFORMATION:

gray patch on left eye. Possible tumor?  
 Given 1.5cc IM Valium on 6/18, 6/20, 6/22/02 by SFB.  
 Examined by Dr. Morris on 6-25-02  
 Examined by Dr. Morris / GHB on 7-10-02 and given  
 Dermex injections. Brought to NMFS lab and held  
 in AZ overnight.

TUMOR SCORE:  1

- APPROXIMATE TUMOR SIZE CATEGORIES:
- #1 = DETECTABLE PATCH TO 1cm DIAMETER
  - #2 = >1cm TO 4cm
  - #3 = >4cm TO 10cm
  - #4 = >10cm

LIVE TURTLE EXAMINATION RECORD

Date: 6/14/02  
 Turtle ID: Halema Beach Park  
 Comments: feeding log was wrapped around turtle's front flippers (waste)

PHYSICAL EXAM

Head and neck: swollen on head - growing

Mouth: not tumorous - 3 pharyngeal nodules

Eyes: OD possible start of tumor lateral cornea  
tumor OK - #1, 2, 4R  
moves (D) (P) - (P) limited movement

Front flippers: left front tumor #3  
(D) smaller - hooks cut  
R tumors #1 & #2 - more cut

Shell: abnormal

Plastron: normal

Rear flippers: normal

Tail: normal

BODY CONDITION: mod emaciation

SAMPLES TAKEN

PCV 29 T.P. 5.4 wt 51#

CBC \_\_\_\_\_ Chemistries \_\_\_\_\_

Others X-rays (+) Ab w/ (+)

APPROXIMATE TUMOR SIZE CATEGORIES:

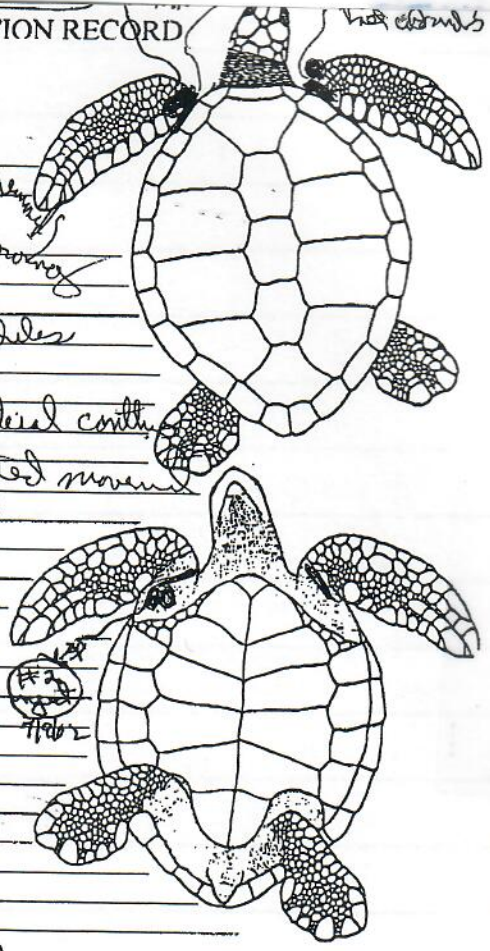
- #1 = DETECTABLE PATCH TO 1CM DIAMETER
- #2 = >1CM TO 4CM
- #3 = >4CM TO 10CM
- #4 = >10CM

RECOMMENDATIONS: X-ray - no holes - humerus intact

R & L - left flipper appears more muscle disease -

7) bone muscle don't look like tumor from all not - limited use  
 Signed: Head on RFB - Vayelle 13/8/02 48 hr. evidence at  
K.A. Moore, DVM 1501

MAKAI ANIMAL CLINIC, 420 Uluniu Street, Kailua, HI 96734



**MEDICAL HISTORY - CLINICAL RECORD**

OWNER NAME <b>NMFS</b>		ADDRESS		TELEPHONE	
PATIENT NAME <b>HAWAIIA 6/14/02</b>	SPECIES	BREED <b>GREEN TURTLE</b>	SEX	COLOR AND MARKINGS	
ALTERED YES <input type="checkbox"/> NO <input type="checkbox"/>	BIRTHDATE	SPECIAL INFORMATION <b>MONO ENTANGLEMENT</b>	LAB	X-RAY	

DATE	TEMP	DESCRIPTION
6/16/02		2nd Bordered inject - continue injections every 2 days - 150 mg IM Penicillin. P evaluate this turtle for limb movement & floating. Will determine prognosis when observed in water - sent to Kewalo 6/17/02 - injections 6/18, 6/20, 6/22 <span style="float:right">Pms</span>
6/25/02		Rec'd at Kewalo resting in water - movement both front flippers - able to use water but take better than right - cuts - seen to be healing - tumor over left eye (eye lid) more curled than before - not eating yet (11 days) after food - P/AI improve use of flippers - P/AI at Kewalo to heal better - consider Dermex in future 2.
7/1/02		Photo started to eat well - will hold <span style="border: 1px solid black; border-radius: 50%; padding: 2px;">Pms</span> + no evaluate flippers - <span style="float:right">(12)</span>
7/9/02		Rec'd at Kewalo flippers healing - has use but not 100% - decision cutter is healthy enough for release Dermex injections
Dermex lot #276		① R. flipper/ventral #2 subcut - 2cc Dose
Photo		② L. flipper #2 - 2cc Dermex Dose 16 ga needle
		③ L. dorsal subcut #3 - 3cc Dermex Dose " "
		Release scheduled 7/11/02

Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

Released by JME  
on 7-10-02 at  
Kaneohe Bay Beach Park  
11:25 a.m. Swam straight  
out. Watched breathe  
several times.

DATE FORM FILLED OUT 7/10/02

CAPTURE DATE, LOCATION AND METHOD:

Leanne Mabuni/ Matthew Kekoa	6-14-02	Haleiwa Alii Beach Park, Oahu
PERSON RECORDING DATA: SNE/SKM		

TUMOR SCORE <input type="text" value="1"/>	OLD TAGS:	NEW TAGS:
ORAL TMRS EXT: YES OR NO <input type="text" value="N"/>	<input type="text"/> <input type="text"/> <input type="text"/>	RFI: 423D7B5526  LFF: 4250117276 
EMACIATION CODE <input type="text" value="1"/>	MT# "56" on 2 <sup>nd</sup> lateral left/right	

STRAIGHT CARAPACE - LENGTH: <input type="text" value="57.5"/> cm	WIDTH: <input type="text" value="45.3"/> cm
NOTCH LENGTH: <input type="text" value="57.2"/> cm	DB: <input type="text" value="0"/> L.O. VB: <input type="text" value="0"/> L.O.
CURVED CARAPACE LENGTH: <input type="text" value="62.0"/> cm	WIDTH: <input type="text" value="53.5"/> cm
HEAD WIDTH: <input type="text" value="8.4"/> cm	AXIAL: <input type="text" value="20.5"/> cm LATERAL: <input type="text" value="20.8"/> cm
PPS: YES OR NO OR NE <input type="text" value="Y"/>	SEX: Male, Female or Undetermined <input type="text" value="U"/>
TAIL LENGTH: T <input type="text" value="13.0"/> cm	C <input type="text" value="9.5"/> cm
RIGHT FRONT FLIPPER WIDTH: <input type="text" value="10.4"/> cm	SAMPLES COLLECTED:
PLASTRON LENGTH: <input type="text" value="47.2"/> cm	<input type="text"/>
WEIGHT: <input type="text" value="51.9"/> #	<input type="text"/>

DESCRIPTIVE REMARKS:

9 on 10th L. marginals healed notches.  
8th + 10th R. marginals healed notches.  
LWH tissue swollen

TUMORS:  
2#2 LFF  
2#1, 1#2: RFF  
1#2 L. eye (upper eyelid)

form tagging xls



SEA TURTLE NECROPSY / TUMOR FORM

DATE FORM FILLED OUT 7/18/07

Dermex

NECROPSY DATE: / / MTRP STRANDING ID 7/14/07

CONTACT: Kim Freitas/Mr. Okano	DATE: 7/14/07	LOCATION: Kualoa Regional Park, Oahu
PERSON RECORDING DATA: <del>GB</del> GB		

DESCRIPTIVE REMARKS: tumored barnacles  
 Found beached in front of 1st bathroom at Kualoa BP.  
 taken to MAC by Cody on 7/14/07.  
 w/ MOTO tools - 3rd lateral right "KUA"  
 - 2nd lateral left "KUA"  
 15 Tumors on anterior of turtle injected with Dermex.  
 Released 4pm Kaneohe Beach Park by Ken, GB and  
 Cody - Swam out straight and strong!  
 TARA

TUMOR SCORE: <u>3</u>	TAGS: <u>423F52232F</u>	SEX: Male, Female or Undetermined <u>F</u>
ORAL TMRS EXT: YES OR NO <u>—</u>		
EMACIATION CODE: <u>—</u>	<u>423E171E30</u>	MT#: <u>KUA</u>

STRAIGHT CARAPACE - LENGTH: <u>83.0</u> cm	WIDTH: <u>—</u> cm
NOTCH LENGTH: <u>82.8</u> cm	PPS (Y/N): <u>—</u>
CURVED CARAPACE LENGTH: <u>90.0</u> cm	WIDTH: <u>86.0</u> cm
HEAD WIDTH: <u>—</u> cm	AXIAL: <u>—</u> cm
TAIL LENGTH: T <u>—</u> cm	C <u>—</u> cm
RIGHT FRONT FLIPPER WIDTH: <u>—</u> cm	DB: <u>35</u> VB: <u>—</u>
PLASTRON LENGTH: <u>—</u> cm	SAMPLES COLLECTED: <u>—</u>
WEIGHT: <u>—</u> #	

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE						
LEFT EYE						
MOUTH						
NECK						
RFF						
LFF						
RHF						
LHF						
CLOACA / TAIL						
SEAMS / SCUTES						
INTERNAL						
TOTAL						

Exact number of tumors not recorded, however - no oral tumors. See Dr. Morris' Medical Report and photos

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO

-

OTHER INFORMATION:

TUMOR SCORE:

3

- APPROXIMATE TUMOR SIZE CATEGORIES:
- #1 = DETECTABLE PATCH TO 1cm DIAMETER
  - #2 = >1cm TO 4cm
  - #3 = >4cm TO 10cm
  - #4 = >10cm

REVISION



MARINE TURTLE RESEARCH PROGRAM  
NMFS-HONOLULU LABORATORY  
FOR INTERNAL USE ONLY

MTRP USE ONLY:  
TOPS: 30 JUN 2002  
LOGBOOK: 30 JUL 2002

**SEA TURTLE STRANDING QUESTIONNAIRE:** (definition of "stranding" is any injured, sick, dead, or abnormally acting sea turtle ashore). Note: Due to personnel safety concerns, we do not normally go into water over knee deep to salvage a turtle. However, we would like to record details of such reports.

To be filled out by Marine Turtle Research Program personnel or others as available. (i.e. Stranding line 983-5730, S. Eames x5747, S. Murakawa x5731, G. Balazs x5733).

**Note:** Normal working hours of Marine Turtle Research Program personnel are 7:00 a.m. - 4:00 p.m. Monday-Friday. After hours, including weekends and holidays, please refer the caller to 24-hr. Hotline 587-0077 (Oahu), State Division of Conservation and Resources Enforcement (DOCARE) or page our contracted Sea Turtle Stranding Group at 288-5685. (NOTE: this paper number should NOT normally be given out to the public.)

The purpose of this questionnaire is to help facilitate a quick response (when appropriate and possible) to calls received from the public and other agencies concerning stranded (live or dead) sea turtles.

Person calling:

Name: Laura Moireno  
Full mailing address: (optional - to send sea turtle literature)

Date and time of call: 7/26/02 8 am

Phone: 637-2782

Email: 637-2782

Location

Where is this turtle located? 61315 Kam Hwy. in front of contacts vacation rental. 3 houses to the Waialae side

How close is it to the nearest vehicle access way?

Turtle

Is the turtle alive or dead?  A  D  Uncertain

or "Is it possible for one person to lift and carry the turtle?"  Yes  No

"Best guess" of the weight of the turtle? \_\_\_\_\_ lbs. 25lbs. 50lbs. 100lbs. 200lbs.  
(or circle one above)

About how large (shell length) is the turtle? \_\_\_\_\_ 1/2 - 1 ft; 1 - 2 ft; 2 - 3 ft; 3+ ft

What is the condition of the turtle?  
(i.e. rotten, fresh, intact or not, unknown)

Are there any obvious signs as to the cause of death or injury? (such as tumors, fish hook, fish line, shark bite, boat impact, oil, tar, spear, etc.)

no, just looks lethargic, unreactive

Any evidence of law enforcement violation?

If yes, please briefly describe: no

Assure the person that the turtle will be attended to and/or someone will call them back just as soon as humanly possible (when involving normal working hours). Personnel and other resource limitations may cause delays. If the person indicates that there is a law enforcement problem, ask them to also call 541-2727 NMFS Law Enforcement Office at the Federal Building. Explain briefly that the office they have called is the Research Branch of National Marine Fisheries Service and that we will also be involved in responding to a turtle stranding that relates to law enforcement, but only in unison with an enforcement agent. For MTRP personnel, a response will only be possible during normal working hours and only when there are sufficient working hours remaining in the day to accomplish the job. After hours cases (from 4:00p.m. to 7:00a.m. weekdays) will be handled by our contracted Sea Turtle Stranding Group (pager 288-5685).

Name of person filling out this questionnaire: TH

If the person is calling from a neighbor island, and no one can be contacted in the Marine Turtle Research Program, please record the person's name and phone number and ask him or her to call the State DOCARE office or Division of Aquatic Resources Office located on their island, or call (from that neighbor island) the operator (dial "0") and ask for "Enterprise 5469"

Big Island: Hilo - 974-6208; or Kona - 327-4961; or Waimea - 887-6196  
Molokai: 553-5190  
Lanai: 565-7916

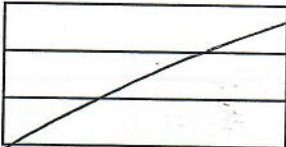
SEA TURTLE NECROPSY / TUMOR FORM

DATE FORM FILLED OUT 7/29/02

NECROPSY DATE: / / MTRP STRANDING ID 7/26/02

CONTACT: Laura Moireno	DATE: 7/26/02	LOCATION: Kawailoa Beach, Oahu
PERSON RECORDING DATA: SMC		

DESCRIPTIVE REMARKS:  
Raspy breathing, emaciated, lethargic  
~~no external tumors or injuries~~  
Found stranded on beach near contacts home  
plu by TH and taken to Makai Animal Clinic.  
Gloabal tumor <sup>removed</sup> surgery by Dr. Morris on 7-27-02.  
plu by SMC/KK on 7-29-02 and taken to NMFS-KRF.

TUMOR SCORE: 1	TAGS: 	SEX: Male, Female or Undetermined <input type="checkbox"/>
ORAL TMRS EXT: YES OR NO No		
EMACIATION CODE: 1		MT#: <input type="text"/>

STRAIGHT CARAPACE - LENGTH: <input type="text" value="47.2"/> cm	WIDTH: <input type="text" value="34.9"/> cm	
NOTCH LENGTH: <input type="text" value="43.6"/> cm	PPS (Y/N): <input type="text"/>	
CURVED CARAPACE LENGTH: <input type="text" value="46.5"/> cm	WIDTH: <input type="text" value="42.0"/> cm	
HEAD WIDTH: <input type="text" value="7.1"/> cm	AXIAL: <input type="text" value="15.3"/> cm	LATERAL: <input type="text" value="15.2"/> cm
TAIL LENGTH: T <input type="text" value="7.5"/> cm	C <input type="text" value="5.0"/> cm	DB: <input type="text" value="0"/> VB: <input type="text" value="0"/>
RIGHT FRONT FLIPPER WIDTH: <input type="text" value="7.6"/> cm	SAMPLES COLLECTED: <input type="text"/>	
PLASTRON LENGTH: <input type="text" value="35.0"/> cm	<input type="text"/>	
WEIGHT: <input type="text" value="21.2"/> #	<input type="text"/>	

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	TOTAL	REMARKS
<del>Left</del> RIGHT EYE	2				2	#1 posterior corner #1 upper eyelid
Right <del>Left</del> EYE	1				1	Lower eyelid
MOUTH	1	1			2	#1 Rt. jaw hinge #2 glottis
NECK						
RFF						
LFF						
RHF						
LHF						
CLOACA/TAIL						
SEAMS/SCUTES						
INTERNAL						
TOTAL	4	1			5	

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO

No

OTHER INFORMATION:

TUMOR SCORE:

1

APPROXIMATE TUMOR SIZE CATEGORIES:

- #1 = DETECTABLE PATCH TO 1cm DIAMETER
- #2 = >1cm TO 4cm
- #3 = >4cm TO 10cm
- #4 = >10cm

LIVE TURTLE EXAMINATION RECORD

30 JUL 2002

Date ID: 7/26/02  
KAWAII BEACH

Comments: Difficulty breathing -  
**PHYSICAL EXAM**

Head and neck: round

Mouth: ed #2 gills tumor - bloody  
respirations - ~~irregular~~ #1 @ low lung  
tumor

Eyes: OS - #1 tumor visible  
OD #2 tumor visible

Front flippers: round

Shell: round

Plastron: slightly sunken

Rear flippers: round

Tail: round

BODY CONDITION: mild emaciation

**SAMPLES TAKEN**

PCV 29 T.P. 3.2

CBC \_\_\_\_\_ Chemistries \_\_\_\_\_

Others X Ray - 1

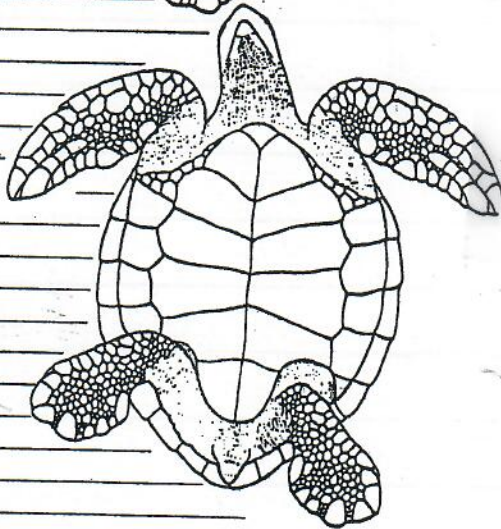
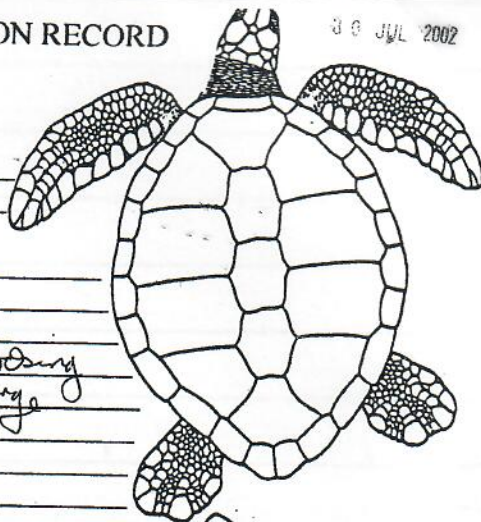
WT 21.2

**APPROXIMATE TUMOR SIZE CATEGORIES:**

- #1 = DETECTABLE PATCH TO 1CM DIAMETER
- #2 = >1CM TO 4CM
- #3 = >4CM TO 10CM
- #4 = >10CM

RECOMMENDATIONS: large gills tumor main  
problem - fix gills - no evidence of internal  
tumor on x-ray - prognosis fair unless surgery done  
Signed: Robert A. Moore, DVM

MAKAI ANIMAL CLINIC, 420 Uluniu Street, Kailua, HI 96734



MEDICAL HISTORY - CLINICAL RECORD

89 JUL

ADDRESS		TELEPHONE	
SPECIES HAWAIIAN MONA	BREED BEACH	BREED GREEN TURTLE	SEX
ALTERED YES <input type="checkbox"/> NO <input type="checkbox"/>	BIRTHDATE	SPECIAL INFORMATION STRANDIN	X-RAY

DATE	TEMP	DESCRIPTION
7/26/02		<p>This turtle has a very large glottis tumor that has obstructed breathing &amp; probable feeding. The eye tumors are small. Body condition is mild emaciation. PCV is not critical.</p> <p>Recommended glottis tumor removal with guarded prognosis</p> <p>1) IV 10 cc propofol -</p> <p>Local crest block w/ plain bupivacaine - 2cc</p> <p>Surgical excision of glottis tumor severe bleeding -</p> <p>Intubation w/ tube to prevent aspiration of blood -</p> <p>Bleeding controlled in time w/ gauze packs &amp; epinephrine diluted in area</p> <p>Pulled tube - breathing well -</p>
7/27/02		<p>moving around OK - some evidence of additional bleeding -</p> <p>① 50 mg Amoxicillin (AM)</p> <p>② PRAXILOQUINOLONE (FURKES) 80mg .14cc</p> <p>To Kawalo 7/29 for observation</p> <p style="text-align: right;"><i>[Signature]</i></p>

vised 06/28/02

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

DERMEX CREAM

8/11/02

Sunday Examined at  
= by RM & GB.

SEA TURTLE TAGGING FORM

Released K Bay  
Beach Park 8/12/02

DATE FORM FILLED OUT 08/12/02 Monday  
DERMEX CREAM APPLIED TO  
CAPTURE DATE, LOCATION AND METHOD:

~~AND JAW HINGE TUMORS,~~  
Laura Mairano

1030 AM by GHB, Haven  
Arthur Myles ROBERTS  
Kawailoa Beach, End  
Mathews  
Alan

~~OUT OF WATER OVERNIGHT~~

PERSON RECORDING DATA: SKRM / SKB

TUMOR SCORE

1

ORAL TMRS EXT:  
YES OR NO

NO

EMACIATION CODE

2

Moderate

MT#

OLD TAGS:


NEW TAGS:

4236367B7A

RFL

422E562C2A

LFL

422E562C2A

422E562C2A

Alan

Susan out story

STRAIGHT CARAPACE - LENGTH:

44.4 cm

WIDTH: 35.5 cm

NOTCH LENGTH: 44.2 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

47.0 cm

WIDTH: 41.5 cm

HEAD WIDTH: 7.0 cm

AXIAL: 15.1 cm

LATERAL: 14.6 cm

PPS: YES OR NO OR NE Y

SEX: Male, Female  
or Undetermined U

TAIL LENGTH: T 9.5 cm

C 6.0 cm

RIGHT FRONT FLIPPER WIDTH:

7.7 cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 34.5 cm

WEIGHT: 19.3 #

DESCRIPTIVE REMARKS:

#2 right eye  
#1 post. corner (Left eye)  
#1 upper lid (Left eye)

#1 left tongue #1 gill  
#1 RJH  
#1 LJH



Revised 06/28/02

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

Released 8/19/02  
Kaneohe Beach Park  
3:15 PM GHB  
DATE FORM FILLED OUT 8/19/02

SEA TURTLE TAGGING FORM

Swan out boat  
KRF Captive by  
YONAT SWIMMING

CAPTURE DATE, LOCATION AND METHOD:

05-23-02	Kaneohe Bay, Oahu	Kiazie's Reef
PERSON RECORDING DATA:		Hand / snorkel

TUMOR SCORE	OLD TAGS:	NEW TAGS:
<input type="checkbox"/> 0 RHF	423 B2 E4 C03	RFL
ORAL TMRS EXT: YES OR NO	424 E2 C6 A0A	LFL
<input type="checkbox"/> -		
EMACIATION CODE		
<input type="checkbox"/>	MT# "K"	

STRAIGHT CARAPACE - LENGTH: <sup>46.8</sup>  cm

WIDTH:  cm

NOTCH LENGTH:  cm

DB:  L.O. VB:  L.O.

CURVED CARAPACE LENGTH:  cm

WIDTH:  cm

HEAD WIDTH:  cm

AXIAL:  cm LATERAL:  cm

PPS: YES OR NO OR NE  NO

SEX: Male, Female or Undetermined

TAIL LENGTH: T  cm C  cm

RIGHT FRONT FLIPPER WIDTH:  cm

SAMPLES COLLECTED:

PLASTRON LENGTH:  cm

WEIGHT: <sup>5/23/02</sup>  #  #

DESCRIPTIVE REMARKS:

Revised 06/28/02

NMFS, HONOLULU LAB

Marine Turtle Research

2570 Dole Street

Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

Released 8/19/02  
Kaneohe Beach Park  
3:15 PM GHB

Swam out post  
KRF Captive by  
YONAT Swimmer

DATE FORM FILLED OUT 08/19/02

CAPTURE DATE, LOCATION AND METHOD:

08-23-02

Kaneohe Bay, Oahu

Kapapa Chay

PERSON RECORDING DATA:

Hand / Snorkel

TUMOR SCORE

0

RHF

OLD TAGS:

424 E681337

NEW TAGS:

ORAL TMRS EXT:

YES OR NO

-

LHF

425061233E

RFL

LFL

EMACIATION CODE

MT#

KCI

STRAIGHT CARAPACE - LENGTH:

45.5 cm

WIDTH:

38.1 cm

NOTCH LENGTH:

44.9 cm

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

48.0 cm

WIDTH:

44.0 cm

HEAD WIDTH:

cm

AXIAL:

cm

LATERAL:

cm

PPS: YES OR NO OR NE

NO

SEX: Male, Female  
or Undetermined

TAIL LENGTH: T

cm

C

cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

cm

PLASTRON LENGTH:

37.0 cm

WEIGHT:

5/23/02  
21.0

24.6 #

DESCRIPTIVE REMARKS:

Revised 06/28/02

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

Released 8/19/02  
Kaneohe Beach  
Park 3:15 PM GMB  
DATE FORM FILLED OUT 8/19/02

SEA TURTLE TAGGING FORM

KRF captive by YONAT SWIMMER  
Kopapa choy

CAPTURE DATE, LOCATION AND METHOD:

05-23-02	Kaneohe Bay, Oahu	Kopapa choy
PERSON RECORDING DATA:		Hand / Snorkel

TUMOR SCORE	OLD TAGS:	NEW TAGS:
<input type="checkbox"/> 0 RHF	42585 F4907	RFL
ORAL TMRS EXT:	4233662045	LFL
YES OR NO		
<input type="checkbox"/> - LHF		
EMACIATION CODE	MT#	
<input type="checkbox"/> 0	KC2	

STRAIGHT CARAPACE - LENGTH:  cm

WIDTH:  cm

NOTCH LENGTH:  cm

DB:  VB:

CURVED CARAPACE LENGTH:  cm

WIDTH:  cm

HEAD WIDTH:  cm

AXIAL:  cm

LATERAL:  cm

PPS: YES OR NO OR NE  Yes

SEX: Male, Female or Undetermined

TAIL LENGTH: T  cm

C  cm

RIGHT FRONT FLIPPER WIDTH:  cm

PLASTRON LENGTH:  cm

WEIGHT:  #

DESCRIPTIVE REMARKS:

SAMPLES COLLECTED:

5/23/02

Revised 06/28/02

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

Released by  
GHB 115PM  
at Ikaika beach  
Monday  
Assisted by Andy  
and Jen  
MOKULEIA NORTH  
(DEVIL'S ROCK) STORE  
OATTU 'Diving

DATE FORM FILLED OUT 08, 19, 02

8/19/02

CAPTURE DATE, LOCATION AND METHOD:

JUAN OLIPHANT ~~WMA~~ Employee of  
PAT JOHNSON (DEEP ECOLOGY)

08-08-02

PERSON RECORDING DATA:

SKM

SWAMP OUT STATION

TUMOR SCORE

0

ORAL TMRS EXT:  
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

AND DOVE

NEW T/

442D2C1377

RHF

[Barcode]

LHF

442F5D6710

[Barcode]

MT#

"77" on 2nd L/R. laterals, white paint

STRAIGHT CARAPACE - LENGTH:

74.4 cm

WIDTH:

- cm

NOTCH LENGTH:

74.0 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

80.0 cm

WIDTH:

4 cm

HEAD WIDTH:

- cm

AXIAL:

- cm

LATERAL:

- cm

PPS: YES OR NO OR NE

-

SEX: Male, Female  
or Undetermined

U

TAIL LENGTH: T

- cm

C

- cm

RIGHT FRONT FLIPPER WIDTH:

- cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

- cm

WEIGHT:

- #

DESCRIPTIVE REMARKS:

Amputated RFF by Dr. Morris, dissolvable stitches  
still present.

**Subject: Voicemail msg**

**Date: Fri, 27 Sep 2002 06:14:16 -1000**

**From: Shawn Murakawa <Shawn.Murakawa@noaa.gov>**

**Organization: NOAA**

**To: Shandell Eames <seames@mail.nmfs.hawaii.edu>**

Regina, 11:15pm, live turtle taken to MAC, 9/26  
She received a call from DOCARE Off. Nalo (who had her personal cell #). He received a call from Jamie Pestana, 383-2165, P.O. Box 1925, Kailua 96734 who saw 2 people swim turtle to shore at the Lanikai boat ramp. Turtle had fishing line entangling the RFF 15 times. RFF cut and swollen. Fishing line also down mouth/throat. Jamie and her friend removed fishing line before Regina was called and held turtle on her lap. Regina explained to her to put a wet towel over the face and that calmed the turtle down. Before Regina arrived anonymous male tried using a hammer and plier to remove hook, but he was stopped. P/U by Regina and taken to MAC. CCL=60.0cm, no tags, no tumors, clean shell, healthy.

Shawn K. K. Murakawa

Biological Science Technician

Marine Turtle Research Program, 2570 Dole Street, Honolulu, HI 96822-2396

Phone: (808) 983-5731/Fax: (808) 983-2902

2570 Dole Street  
Honolulu, HI 96822-2396

SEA TURTLE NECROPSY / TUMOR FORM

DATE FORM FILLED OUT 9/27/02

NECROPSY DATE: / / MTRP STRANDING ID 9/26/02

CONTACT: Jamie Postana via DCARE (Off. Natu... in... (SSIA) Regine Land	DATE: 9/26/02	LOCATION: Lanikai Boat ramp, Oahu
PERSON RECORDING DATA: TH		

DESCRIPTIVE REMARKS:

Contact saw 2 people swim turtle to shore. Fishing line entangling RFF ~ 15X, cut and swollen skin. also down mouth and throat. Removed by contact, PU by Regine Luna and taken to MAC. PU from MAC by TH/SKM and taken to KRF. Injury to L side of mouth, bleeding. RFF swollen, limited use, partially cut to bone. Small hook imbedded. LFF ulula hook embeded (old injury). RFF - radius broken (old injury)

TUMOR SCORE: <input type="checkbox"/>	TAGS: <input type="checkbox"/>	SEX: Male, Female or Undetermined <input type="checkbox"/>
ORAL TMRS EXT: YES OR NO <input type="checkbox"/>		
EMACIATION CODE: <input checked="" type="checkbox"/> mild	MT#: <input type="checkbox"/>	
STRAIGHT CARAPACE - LENGTH: 56.1 cm	WIDTH: 43.9 cm	
NOTCH LENGTH: 56.0 cm	PPS (Y/N): <input type="checkbox"/>	
CURVED CARAPACE LENGTH: 61.0 cm	WIDTH: 53.0 cm	
HEAD WIDTH: 8.5 cm	AXIAL: <input type="checkbox"/> cm	LATERAL: <input type="checkbox"/> cm
TAIL LENGTH: T <input type="checkbox"/> cm	C <input type="checkbox"/> cm	DB: <input checked="" type="checkbox"/> VB: <input type="checkbox"/>
RIGHT FRONT FLIPPER WIDTH: 10.2 cm	SAMPLES COLLECTED: <input type="checkbox"/>	
PLASTRON LENGTH: <input type="checkbox"/> cm	Swollen from entanglement <input type="checkbox"/>	
WEIGHT: <input type="checkbox"/> #	<input type="checkbox"/>	

Date: 9/27/02  
 Turtle ID: LANAKA - PE'IANA 9/26/02  
 Comments: Caught by tourists - Swam  
 Fishy line removed 60cm 48.50g

**PHYSICAL EXAM**

Head and neck: normal weight

Mouth: slightly firm mouth - plate  
 injury from fish line cut - L. corner  
 no debris seen

Eyes: normal

Front flippers: R front fish line cut - swollen  
 little use of flippers on back - can move  
 it on abdomen - cut thru muscle.

Shell: normal

Plastron: slightly flat

Rear flippers: R rear fracture - little use  
 evidence of fish line healed wound

Tail: normal

BODY CONDITION: good

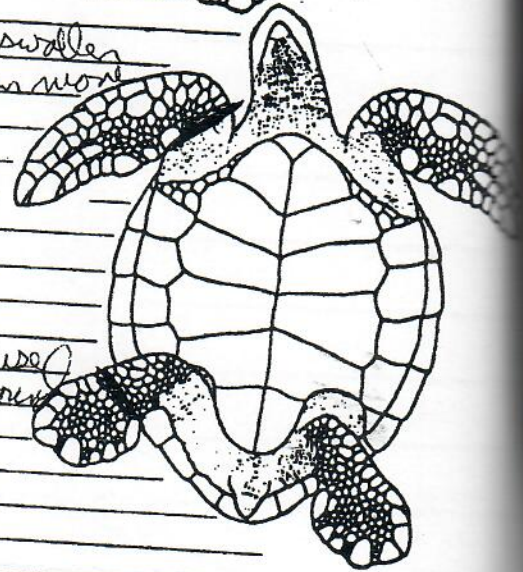
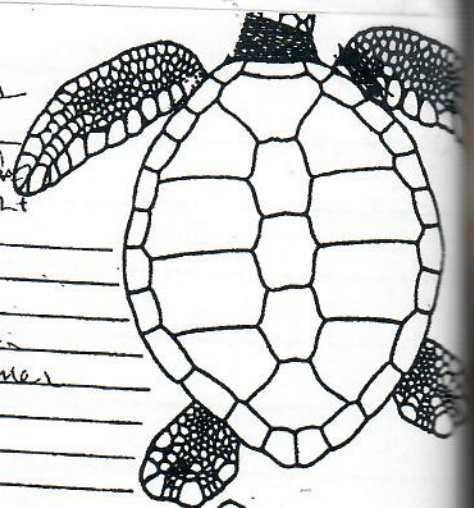
**SAMPLES TAKEN**

PCV \_\_\_ T.P. \_\_\_  
 CBC \_\_\_  
 Others RADS (3) <sup>front</sup> <sup>right</sup> <sup>left</sup> <sup>3</sup>  
 Chemistries \_\_\_

- APPROXIMATE TUMOR SIZE CATEGORIES:
- #1 = DETECTABLE PATCH TO 1CM DIAMETER
  - #2 = >1CM TO 4CM
  - #3 = >4CM TO 10CM
  - #4 = >10CM

RECOMMENDATIONS: X Ray - front R - some intact  
 small hole (piece) remaining - R rear - sd injury Fx radius  
 W - body - no holes hole - ulula hole (piece) in R front  
 flipper - Turtles Karab  
 Dr. observatory R

Signed: R. M. ...  
 MAKAI ANIMAL CLINIC, 420 Uluniu Street, Kailua, HI 96734



**MEDICAL HISTORY - CLINICAL RECORD**

OWNER NAME <b>NAMS</b>		ADDRESS		TELEPHONE
PATIENT NAME <b>LANAKAI</b>	SPECIES <b>CAREEN TURTLE</b>	BREED	SEX	COLOR AND MARKINGS
ALTERED ES <input type="checkbox"/> NO <input type="checkbox"/>	BIRTHDATE	SPECIAL INFORMATION <i>Just here 9/26/02</i>	LAB	X-RAY

DATE	TEMP	DESCRIPTION
9/27/02		<p>A1 turtle needs to be observed in tanks to determine if amputation necessary.</p> <p>Severe damage to muscles so limit movement. Only minor bone damage. Also fishing line was found about 1" removed by dentist.</p> <p>Recommend start on Ambicarb 120mg IM then <math>\boxtimes</math></p> <p>60mg every 12hr #3 <math>\boxtimes</math> (4)</p> <p>evaluate next week <math>\boxtimes</math></p>



*Nonototoal*

SEA TURTLE TAGGING FORM

*BALAZS & Cody H.*

DATE FORM FILLED OUT *10, 2, 02*

*Released 10/2/02 3PM  
KAWAII Right of Way -*

CAPTURE DATE, LOCATION AND METHOD:

*9/26/02 Lanikai Boat ramp, Oahu  
Contact: Jamie Pestana via Docare (off. Nalu) via Regina Luna (SSG) Swan*

PERSON RECORDING DATA:

TUMOR SCORE

ORAL TMRS EXT:  
YES OR NO

EMACIATION CODE

OLD TAGS:

*Examined by RFF strangulation  
Antibiotic injections  
10/3 we given by GB 10/2/02*

NEW TAGS:

**422F11212F**

RFL

*new 10/2/02* 

LFL

**4233500A78**



MT#

STRAIGHT CARAPACE - LENGTH:

cm

WIDTH:

cm

NOTCH LENGTH:

cm

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

cm

WIDTH:

cm

HEAD WIDTH:

cm

AXIAL:

cm

LATERAL:

cm

PPS: YES OR NO OR NE

SEX: Male, Female  
or Undetermined

TAIL LENGTH: T

cm

C

cm

SAMPLES COLLECTED:

*left*  
RIGHT FRONT FLIPPER WIDTH:

cm

PLASTRON LENGTH:

cm

WEIGHT:

#

*584-11.7*

DESCRIPTIVE REMARKS:

Voicemail msg

**Subject:** Voicemail msg

**Date:** Mon, 28 Oct 2002 06:10:51 -1000

**From:** Shawn Murakawa <Shawn.Murakawa@noaa.gov>

**Organization:** NOAA

**To:** Shandell Eames <seames@mail.nmfs.hawaii.edu>

1) Sat., 7:28pm, Regina, 2 cases

a) Received page at 9:30am from Bob Thorpe, 637-9097, 61-303 Kam. Hwy., re: live turtle in front of his house. Since the turtle was large Regina called Cody for assistance (2 surfers and Regina's friend also helped). CCL=83cm, female stranded 20' above water line. Turtle had flipped sand all over her and there were 2 holes. Large tumor on R. shoulder that's bleeding and cracked, tumors on both eyes and R. side of face. No tags. Taken to MAC.

\*See GHB's email about this case.

b) Received page at 5:07pm, 753-6955. Regina called back but only got an answering machine. She left a message for the person to call back if it's a stranding case.

2) Sun., 6:18pm, Sheryl, KRF

Both turtles showed no interest in food and not eating. Drained and scrubbed tank. Also, scrubbed turtle. She mentioned that she didn't put the paint on the shells because the paint is no good. (I told her last week that she needed to get one from the field kits in the back).

Shawn K. K. Murakawa

Biological Science Technician

Marine Turtle Research Program, 2570 Dole Street, Honolulu, HI 96822-2396

Phone: (808) 983-5731/Fax: (808) 983-2902

Date: Sun, 27 Oct 2002 21:32:24 -0800 (PST)  
From: Cody Hooven <thekeiki@yahoo.com>  
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>  
Cc: Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>,  
Shandell Eames <seames@honlab.nmfs.hawaii.edu>,  
Regina Luna <casaplaya@aol.com>  
Subject: Re: 10/26 turtle report from Bob Thorp

No, the turtle was not dropped. I didn't even know he thought it was dropped until he called Shandell later and told her. There were 5 or 6 men helping me carry the turtle. We had to walk along a narrow walkway from the beach to the house and so I let go because there wasn't enough room for all of us and the turtle, and I was probably the weakest of all. (The same walkway I asked if we could use Saturday, Regina.) The turtle started to struggle quite a bit, and it was very heavy, so one of the guys said to set it down so they could rest and it could calm down a bit. Bob Thorp was walking 2 people behind me. Maybe he didn't hear what they said, so he assumed it was dropped. I had every piece of stranding equipment we were given at the time with me, so I was as prepared as possible. I even had a friend with me (a big guy) for which Pam was grateful, too, when we got to the MAC. I remember Mr. Thorp thought it was ridiculous of me to take that turtle on a Saturday night because he didn't really believe there would be anyone there to treat it. And that it didn't need to be treated anyway. I'm glad he called us for this turtle though, and I'm really glad Regina was on call.

Aloha,  
Cody

--- "George H. Balazs"  
<gbalazs@honlab.nmfs.hawaii.edu> wrote:  
> Thanks Regina, an excellent summary.  
>  
> Question- Was the turtle taken at his place some  
> time ago (Atlantis?) in  
> fact Dropped? If some, please describe to me with  
> some detail (Cody?)  
> Aloha, George  
> On Sun, 27 Oct 2002 Casaplaya@aol.com wrote:  
>  
> > Hi George,  
> >  
> > Re our conversation this morning, here is a full  
> account of what I can recall  
> > of the encounter with Bob Thorp.  
> >  
> > When I first returned his page, he spoke  
> (forcefully and loudly, but not  
> > screaming) regarding the fact that he had a turtle  
> "in danger" NOT "injured"  
> > and that it was a very difficult decision for him  
> to call and report it and  
> > that if the turtle did not have tumors "covering"  
> its eyes, he would not have

> > called at all. He then went into a description of  
> what he felt occurred the  
> > last time his neighbor "had a party and the drunks  
> there decided a turtle was  
> > not supposed to be on the beach" even though there  
> was nothing wrong with it  
> > and it was up on the beach every day. I don't  
> remember the exact words he  
> > used but he spoke of the turtle as if he were the  
> one who had named it  
> > Atlantis and who had personally carved the AT into  
> the carapace of it.  
> >  
> > He then went into what I would describe as a rant  
> regarding the way he was  
> > treated when first he tried to stop the turtle  
> from being taken and how the  
> > turtle was "dropped" and its tumors began to bleed  
> and how even though he  
> > insisted that the turtle be brought back to the  
> exact same spot when he  
> > called NMFS to find out what happened, the very  
> same "snotty little girl"  
> > told him that "because of convenience" the turtle  
> was instead released at  
> > Haleiwa harbor and if it wanted to be on a  
> particular beach it would go there  
> > on its own. I explained to him that both the sea  
> turtle biologist and the  
> > veterinarian were experts at the rehabilitation of  
> the turtles and the  
> > removal of the tumors and that NMFS has an  
> excellent record of removing the  
> > tumors and releasing the turtles again and that I  
> could assure him that the  
> > turtle received expert care and that the place of  
> release would have been  
> > chosen with the best interest of the turtle in  
> mind and that the current  
> > turtle would be handled with the same expert care  
> and that I would be there  
> > as quickly as possible to begin that process.  
> >  
> > Several times during the conversation he asked if  
> I was the same girl who  
> > came the last time, each time saying it as if I  
> was being dishonest and not  
> > admitting to it.  
> >  
> > He then inquired if I had help because "that  
> little girl" that came last time  
> > was completely unprepared and this was also a  
> large turtle, would take 3-4  
> > people to pick up and he could not help because he  
> had just had back surgery.  
> > I attempted to get him to tell me if there was  
> any type of access where I  
> > could get to the turtle without his having to wait  
> for me, telling him that  
> > due to traffic I could not correctly state how

> long it would take but could  
> > conceivably be a couple of hours if H1 was in bad  
> shape or if a car wreck  
> > occurred ahead of me. He stated that due to the  
> irresponsible (I believe was  
> > the word he used) way the last turtle was taken,  
> he would make it his  
> > priority to make sure he was there to supervise  
> the situation.  
> >  
> > When I told him that there was no need for him to  
> spend more of his time on  
> > this and that I could guarantee that I would take  
> care of the transfer with  
> > an absolute minimum of stress to the turtle and  
> repeated that both the NMFS  
> > sea turtle biologist and the sea turtle  
> veterinarian are experts at the care  
> > of tumored turtles and we would handle it from  
> there, he said there was no  
> > other way to access the turtle other than through  
> the gate on his property.  
> > He then grumbled, almost under his breath, that it  
> took so long for him to  
> > obtain the number to the pager that the turtle may  
> have gone and he went to  
> > look and came back and said it was still there. I  
> told him I would be there  
> > just as quickly as possible.  
> >  
> > Once we arrived, I placed the signs on the truck  
> doors, went to the door and  
> > immediately handed him my business card to  
> identify myself and introduced  
> > myself. He was completely silent and I would  
> describe as stoic, and he led  
> > us to through his house. I tried to keep up the  
> same polite banner that I  
> > usually do, smiling and saying is it okay to go  
> through the house with shoes,  
> > etc.-- just trying to lighten the situation.  
> When we first got to the  
> > turtle he began to describe it to me and to  
> explain to me how normally all  
> > the turtles that come up on the beach are boys but  
> this one was a girl and he  
> > began to explain to me why it was a girl and at  
> that point I simply began the  
> > examination and he made one further comment to a  
> surfer that came by that  
> > "these folks are the experts (his emphasis) at  
> removing the tumors"  
> >  
> > He then was completely silent and simply stood  
> there as we rounded up surfers  
> > to help. He remained silent and unmoving until  
> Cody went to ask the person  
> > who lived directly in front of the turtle (the  
> same person who reported the  
> > previous turtle) if we could bring the turtle

> through her property, silently  
> > cutting in front of Cody and blocking Cody's path,  
> he proceeding ahead of her  
> > to speak to the neighbor himself. He did not  
> speak again until after we got  
> > the turtle into the truck, but after I explained  
> to the surfers how to handle  
> > the turtle and passed out the gloves he made a  
> show of touching the tumors  
> > himself without gloves on. After the two surfers  
> as well as Cody had all  
> > left and we were about to drive off, he then  
> detained us for a good 5 minutes  
> > or so while he told us again that he expected the  
> turtle to be released back  
> > at his home, that his children played with and  
> "rode" this turtle as well as  
> > all the other turtles around frequently. That the  
> turtles were so tame that  
> > people were hand feeding them.  
> >  
> > My impression was that he was making sure he told  
> me that he was the turtle  
> > expert here and that the turtles being tame were a  
> great thing, that his kids  
> > needed the turtle back so they could ride it and  
> that unless the tumors are  
> > on the eyes, the turtles should be left alone.  
> >  
> > I just tried to get out of there and told him that  
> I could tell that he was  
> > obviously very passionate about the turtles and  
> that we needed to go and get  
> > that one to the vet. He then requested, in quite  
> a forceful tone, to have  
> > the name of the place the turtle was being taken  
> written down for him. So I  
> > wrote down Makai Animal clinic and explained that  
> they even had a web site  
> > where he could view the manner in which the tumors  
> are removed. He simply  
> > grunted and went back into his gate.  
> >

Date: Sat, 26 Oct 2002 21:52:39 -1000  
From: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>  
To: Shandell Eames <seames@honlab.nmfs.hawaii.edu>,  
Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>  
Subject: clinic turtle (fwd)

FYI

----- Forwarded message -----  
Date: Sat, 26 Oct 2002 21:52:00 -1000  
From: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>  
To: Thierry Work <t.m.work@worldnet.att.net>,  
Thierry Work <thierry\_work@usgs.gov>  
Subject: clinic turtle (fwd)

Thierry- FYI turtle that we picked up today Saturday now with Bob. Are you back, if for necropsy Eu, can you handle Monday? It's 83cm CCl. George 286-2899

----- Forwarded message -----  
Date: Sat, 26 Oct 2002 17:39:16 -1000  
From: Robert Morris <morrisr005@hawaii.rr.com>  
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>  
Subject: clinic turtle

Large female-severe bilateral eye tumors-probably blind--jaw hinge tumors could not check mouth or underside-need your help. Will probably have to PTS if Thierry is not back.

LIVE TURTLE EXAMINATION RECORD

Date: 10-26-02  
 Turtle ID: Bob Thorp - N. Shore  
 Comments: Exam - on head - large  
lesion wt 13.6g

PHYSICAL EXAM

Head and neck: #1 - #2 patch

Mouth: #1 deep swelling  
#2 tumor low lying

Eyes: (R) #1 tumor + #1 tumor visible  
(L) #2 tumor

Front flippers: (R) #1 tumor  
(L) #2 tumor + #1 tumor limited vision  
vert #3 + #2

Shell: normal

Plastron: flat

Rear flippers: no tumors

Tail: normal

BODY CONDITION: good

SAMPLES TAKEN

PCV 28 TP 2.6

CBC \_\_\_\_\_ Chemistries \_\_\_\_\_

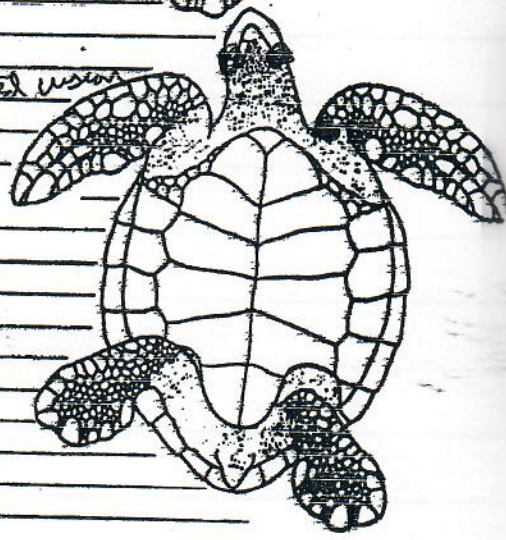
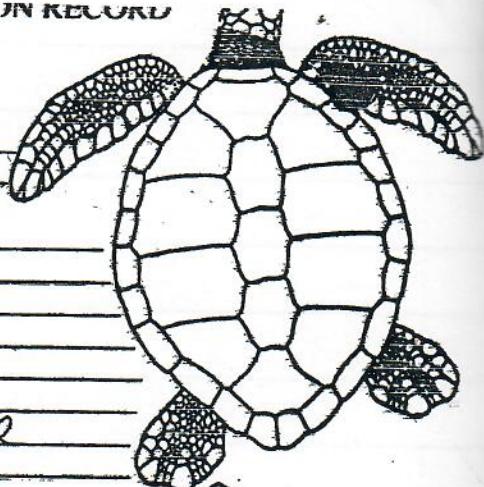
Others \_\_\_\_\_

APPROXIMATE TUMOR SIZE CATEGORIES:

- #1 = DETECTABLE PATCH TO 1CM DIAMETER
- #2 = >1CM TO 4CM
- #3 = >4CM TO 10CM
- #4 = >10CM

RECOMMENDATIONS: Turtle Active / Strong  
Some vision - tumors should be cured - will try surgery  
in 2 weeks to exam and release  
 Signed: RA Mours

MAKAI ANIMAL CLINIC, 420 Uluniu Street, Kailua, HI 96734



MEDICAL HISTORY - CLINICAL RECORD

OWNER NAME W. Shore - Bob Thorp		ADDRESS		TELEPHONE
PATIENT NAME	SPECIES	BREED	SEX	COLOR AND MARKINGS
ALTERED YES <input type="checkbox"/> NO <input type="checkbox"/>	BIRTHDATE	SPECIAL INFORMATION 10/26/02 strabismic	LAB	X-RAY

DATE	TEMP	DESCRIPTION
10/25/02		<p>evaluate + discuss Dermis.                      P) because of attachment of tumor to                      eye - surgery not practical -                      Administer to R) Dermis cream +                      injections on tumor                      to Doctor: 10cc Ketamine 11/                      use Dermis # 731 lot # 159                      photos taken:</p> <p>R) 3cc P. feeding base                      3cc L. feeding base                      Dermis cream applied to R. eye tumor                      2cc Dermis injected 2 eye tumors                      1.5cc to <del>left</del> first dorsal tumor (3cm)                      Right</p> <p>0.5 cc to (L) first dorsal tumor (1cm)                      3cc to ventral left first flapper (6cm tumor)                      1cc to " " " (3cm)                      2cc to " " " (3cm)                      2cc to Right first flapper (4cm)                      2cc " " " (4cm)                      0.5cc vent nasal (1cm)                      1cc " " (2cm)</p> <p>sedation good - recovery good -                      sent to Keweenaw                      scheduled to remove tumor!</p>



NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

Released by GHB/SME  
at 10:45 a.m. on 10/29/02  
at Haleiwa Alii Beach  
Park,

SEA TURTLE ~~NECROPSY~~ / TUMOR FORM

DATE FORM FILLED OUT 10 128 102

Release  
~~NECROPSY~~ DATE: 10 129 102 MTRP STRANDING ID 10-26-02

CONTACT:	DATE:	LOCATION:
Bob Thorp	10-26-02	Haleiwa (Kaalaea Pt.), Oahu
PERSON RECORDING DATA: SME		

DESCRIPTIVE REMARKS: Turtle found alive beached in front of contact's house. P/u by Regina/Cody (SSG) and taken to MAC. Examined by Dr. Morris/GHB on 10-28-02. Given Dermex injections and cream. Brought to A2 and held overnight.  
Leech eggs on neck  
~ 6 cm hook w/ short pc. of monofilament line imbedded in #2 LFF tumor.  
- Hook removed.  
Released on 10-29-02 by GHB/SME at Haleiwa Alii Beach Park.

TUMOR SCORE:	3	NEW TAGS:	41357E622D	L+R	SEX: Male, Female or Undetermined	U	
ORAL TMRS EXT: YES OR NO	yes		4135206432	R+L	MT#:	"GA" on 2 <sup>nd</sup> lat. left / 3 <sup>rd</sup> lat. right	
EMACIATION CODE:	0						
STRAIGHT CARAPACE - LENGTH:	77.3 cm				WIDTH:	60.8 cm	
NOTCH LENGTH:	76.9 cm				PPS (Y/N):	yes	
CURVED CARAPACE LENGTH:	84.0 cm				WIDTH:	76.5 cm	
HEAD WIDTH:	10.9 cm	AXIAL:	29.0 cm	LATERAL:	30.1 cm		
TAIL LENGTH: T	20.0 cm	C	15.0 cm	DB:	0	VB:	1
RIGHT FRONT FLIPPER WIDTH:					SAMPLES COLLECTED:		
PLASTRON LENGTH:	60.9 cm						
WEIGHT:	136.0 #						

LOCATION, SIZE, AND NUMBER OF TUMORS

	#1	#2	#3	#4	TOTAL	REMARKS
RIGHT EYE	1	1			2	
LEFT EYE		2			2	
MOUTH		1	1		2	#3 RSH #2 LSH
NECK		1			1	#2 patch
RFF		3		1	4	
LFF	1	3			4	#2 w/ ~ 6cm hook w/ short piece of 40# test nondisposed
RHF						
LHF						
CLOACA / TAIL						
SEAMS / SCUTES						
INTERNAL						
TOTAL	2	11	1	1	15	

ORAL TUMORS VISIBLE EXTERNALLY: YES OR NO

yes

OTHER INFORMATION:

TUMOR SCORE:

3

APPROXIMATE TUMOR SIZE CATEGORIES:

#1 = DETECTABLE PATCH TO 1cm DIAMETER

#2 = >1cm TO 4cm

#3 = >4cm TO 10cm

#4 = >10cm

Revised 06/28/02

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

SUE/SKM 19 NOV 2002  
Tagged + released @  
Kahaloa Beach Park  
on 11-18-02/10:30a  
Turtle a little disoriented  
SKM walked turtle to  
deeper water and it  
swam away

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 11/18/02

CAPTURE DATE, LOCATION AND METHOD:

RFF Amputee  
by MAC  
11/6/02

PERSON RECORDING DATA:

TUMOR SCORE

ORAL TMRS EXT:

YES OR NO

EMACIATION CODE

OLD TAGS:

captured  
Reef 43  
GB & Denise  
Parker

NEW T

44127A4528



44143C361A



MT# "DP" on 2nd R./L. laterals

STRAIGHT CARAPACE - LENGTH:

 cm

WIDTH:  cm

NOTCH LENGTH:  cm

DB:  L.O.

VB:  L.O.

CURVED CARAPACE LENGTH:

 cm

WIDTH:  cm

HEAD WIDTH:  cm

AXIAL:  cm

LATERAL:  cm

PPS: YES OR NO OR NE

SEX: Male, Female  
or Undetermined

TAIL LENGTH: T  cm

C  cm

RIGHT FRONT FLIPPER WIDTH:

 cm

SAMPLES COLLECTED:

PLASTRON LENGTH:  cm

WEIGHT:  #

DESCRIPTIVE REMARKS:

Given 2.5cc IM Amikacin on 11/12 and 11/15

DATE FORM FILLED OUT / /

14 NOV 2002

CAPTURE DATE, LOCATION AND METHOD:

11/6/02 Reefs 43 Kaneohe Bay Hand/Snorkel

Marine Turtle Research  
 NMFS HONOLULU LAB  
 2570 Dole Street  
 Honolulu, HI 96822-2396

PERSON RECORDING DATA: SME

TUMOR SCORE  
2

OLD TAGS:


NEW TAGS:

RFL

LFL


ORAL TMRS EXT:  
YES OR NO

No

EMACIATION CODE

2

STRAIGHT CARAPACE - LENGTH: 76.7 cm

WIDTH: 59.9 cm

NOTCH LENGTH: 76.4 cm

DB: 0 L.O.

VB: 23 L.O.

CURVED CARAPACE LENGTH: 81.5 cm

WIDTH: 74.0 cm

HEAD WIDTH: — cm

AXIAL: — cm

LATERAL: — cm

PPS: YES OR NO OR NE No

SEX: Male, Female or Undetermined U

TAIL LENGTH: T 15.5 cm

C 10.5 cm

RIGHT FRONT FLIPPER WIDTH: — cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 60.6 cm

WEIGHT: 113 #

DESCRIPTIVE REMARKS: TAKEN TO MAC for vet treatment

#2 RFF

Leekes in RSH

#1 Lt. eye

#4 ~~BRNF~~ tail

RFF extremely swollen and bloody. 3/4 amputated.

LIVE TURTLE EXAMINATION RECORD

14

Date: 11/6/02  
Turtle ID: Kona Bay - Bays  
Comments: Caught in crab trap - flipper hanging  
113.4 lbs

PHYSICAL EXAM

Head and neck: \_\_\_\_\_

Mouth: \_\_\_\_\_

Eyes: L - tumor #2 lat. Corneas usual  
R - normal

Front flippers: R - finding line strangulation almost  
amputated

Shell: normal

Vastron: flat

Rear flippers: R Rear #4 tumor - involved  
deep tissue - unusual tumor

Tail: normal

BODY CONDITION: Mod emaciated

SAMPLES TAKEN

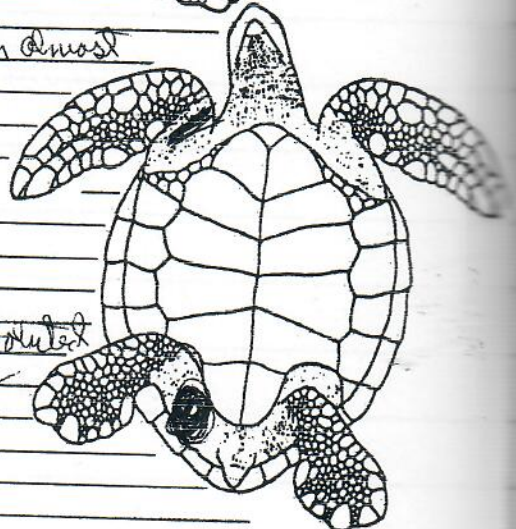
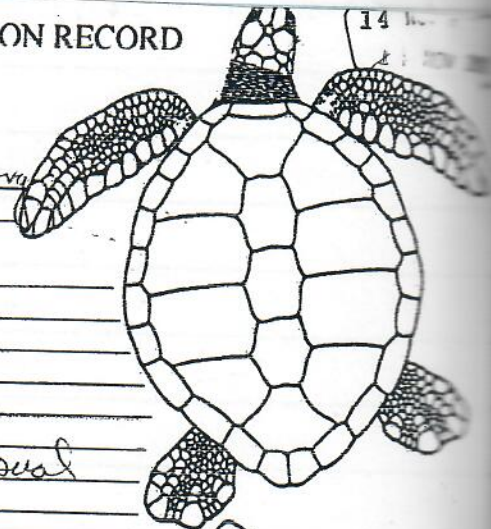
PCV 12 T.P. 1.5 ~~11/4~~  
CBC \_\_\_\_\_ Chemistries \_\_\_\_\_  
Others \_\_\_\_\_

APPROXIMATE TUMOR SIZE CATEGORIES:

- #1 = DETECTABLE PATCH TO 1CM DIAMETER
- #2 = >1CM TO 4CM
- #3 = >4CM TO 10CM
- #4 = >10CM

RECOMMENDATIONS: Amputation at shoulder joint  
Remove hanging flippers in clinic - Bandage them -  
Start at #3 - Schedule amputation  
gued: Robert A. Moore 250 mg once over 1M

MAKAI ANIMAL CLINIC, 420 Uluniu Street, Kailua, HI 96734



MEDICAL HISTORY - CLINICAL RECORD

OWNER NAME NMI'S		ADDRESS		TELEPHONE	
T NAME Nehoe Bay	SPECIES GREEN TURTLE	BREED	SEX	COLOR AND MARKINGS	
ALTERED YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	BIRTHDATE	SPECIAL INFORMATION FISH LINK - AMPUTATED	LAB	X-RAY	

DATE	TEMP	DESCRIPTION
11/8/02		<p>Surgery - amputation of (R) hind flipper                      anesthesia 1250 mg (2.5cc) Ketamine IV                      fentanyl analgesia + Sevoflurane anesthesia                      Surgical removal of remaining proximal humerus                      at shoulder joint - Good Marrow (white) before -                      suture dead space / muscle - 2-0 vicryl -                      SA 20 vicryl - skin #5 absorbable long                      midline suture -</p> <p>on Arest approx 30 min - 4% Sevoflurane -                      put end on for 5 min -                      Recovery - 1 1/2 hr before breathing &amp;                      food movement                      gave 1 l warm RS fluids IP - normal R</p> <p>70 min                      Surgery                      ✓</p> <p>Per 12 TP 18 post. Surg -                      Anemic. (Lowest loss infuse 2l)</p> <p>did not attempt removal of # 4 Rest (unna)                      pulled tube 4 1/2 hrs (RM)</p> <p>All held in a line                      more fluids tomorrow if stays over</p>
11/9/02		<p>125 mg amoxicillin IM w. AM                      myoflex 11/12 15<sup>th</sup> consider release                      to go to Kowalo today -                      active                      Release 11/15 if doing well - (B)</p>

Revised 06/28/02

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

12-18-02  
Released by  
SME, DMF on 12-18-02  
at 2:15pm  
Kaneohe Bay Beach Park

DATE FORM FILLED OUT 12/18/02

CAPTURE DATE, LOCATION AND METHOD:

2/19/02	Kaneohe Bay Arnold's Reef	Hand / Snorkel
PERSON RECORDING DATA: SME/rh		

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO

-

EMACIATION CODE

0

OLD TAGS:


NEW TAGS: on 12-18-02

RHF	4136153B0E
RFL	
LFL	
LHF	4135673112

MT# "X" (For Yanat / KRF study) - Redone 3rd tag

STRAIGHT CARAPACE - LENGTH:

54.6 cm

WIDTH: 44.3 cm

NOTCH LENGTH:

54.2 cm

DB:  L.O.

VB:  L.O.

CURVED CARAPACE LENGTH:

58.5 cm

WIDTH: 52.0 cm

HEAD WIDTH:

8.6 cm

AXIAL: 23.5 cm

LATERAL: 22.5 cm

PPS: YES OR NO OR NE

N

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

13.0 cm

C 8.5 cm

RIGHT FRONT FLIPPER WIDTH:

10.5 cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

44.7 cm

Blood by  
Dr. Morris on 12-17-02

WEIGHT:

60.6 #

DESCRIPTIVE REMARKS:

72.6  
122  
60.6

PD = scales present  
P = cant take reading  
2.6

G = 3.6  
N = 2.5

Revised 04/04/01

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

21 FEB 2002

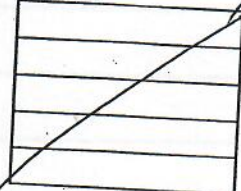
SEA TURTLE TAGGING FORM

FOR KRF  
YONAT STUDY

DATE FORM FILLED OUT 2/19/02

CAPTURE DATE, LOCATION AND METHOD:

2/19/02	Arnold's Reef	Hand
PERSON RECORDING DATA: SME Katoogoke Bay Snorkel		

TUMOR SCORE <input checked="" type="checkbox"/> 0	OLD TAGS: 	NEW TAGS: RFL LFL
ORAL TMRS EXT: YES OR NO <input checked="" type="checkbox"/>		
EMACIATION CODE <input type="checkbox"/> 0		

STRAIGHT CARAPACE - LENGTH: 47.8 cm	WIDTH: 38.7 cm
NOTCH LENGTH: 47.6 cm	DB: 0 L.O. VB: L.O.
12/17/02-54.6 cm	CURVED CARAPACE LENGTH: 51.5 cm
HEAD WIDTH: — cm	AXIAL: — cm LATERAL: — cm
PPS: YES OR NO OR NE —	SEX: Male, Female or Undetermined <input checked="" type="checkbox"/>
TAIL LENGTH: T — cm	C — cm
RIGHT FRONT FLIPPER WIDTH: — cm	SAMPLES COLLECTED: Blood for
PLASTRON LENGTH: 46.6 cm	hematology for
WEIGHT: 36.7 g	Dr. Morris
DESCRIPTIVE REMARKS:	

20% of shell has CA  
 Motofood "X" on 3<sup>rd</sup> lateral right  
 Taken to NMFS Lab and held overnight.  
 Transferred to NMFS-KRF on 2/20/02



Revised 06/28/02

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

Released by SME + DMF  
at Kaneohe Bay Beach  
at 2:15pm on 12-18-02  
Swam off strongly!

DATE FORM FILLED OUT 12/18/02

CAPTURE DATE, LOCATION AND METHOD:

2/19/02	Kaneohe Bay Arnold's Reef	Hand/ Snorkel
PERSON RECORDING DATA: SME/TH		

TUMOR SCORE

ORAL TMRS EXT:  
YES OR NO

EMACIATION CODE

OLD TAGS:


NEW TAGS:

RHF  
RFL 4135137567

LFL  
LHP 4135675E23

MT# "S" (For Yonat/KRF study) - Redone

STRAIGHT CARAPACE - LENGTH: 45.3 cm      WIDTH: 36.3 cm

NOTCH LENGTH: 45.1 cm      DB:  L.O.      VB: 3 L.O.

CURVED CARAPACE LENGTH: 48.5 cm      WIDTH: 44.5 cm

HEAD WIDTH: 7.7 cm      AXIAL: 18.7 cm      LATERAL: 18.7 cm

PPS: YES OR NO OR NE  yes      SEX: Male, Female or Undetermined  U

TAIL LENGTH: T 10.0 cm      C 6.5 cm

RIGHT FRONT FLIPPER WIDTH: 8.4 cm

PLASTRON LENGTH: 37.1 cm

WEIGHT: 31.3 #

SAMPLES COLLECTED:

Blood by  
Dr. Morris on 12-17-02

DESCRIPTIVE REMARKS: 43.4  
12.1  
31.3

PD = Scales present  
p = 2.6 *with take reading*

G = 2.8  
N = 2.5

JKW JDFs  
Revised 04/04/01

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

21 FEB 2002

FOR HRT  
XONAT  
STUDY

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 2/19/02

CAPTURE DATE, LOCATION AND METHOD:

2/19/02	Arnold's Reef	Hand / Snorkel
PERSON RECORDING DATA: SUE KAWESHIP		

TUMOR SCORE <input checked="" type="checkbox"/> 0	OLD TAGS: 	NEW TAGS: RFL LFL
ORAL TMRS EXT: YES OR NO <input checked="" type="checkbox"/> -		
EMACIATION CODE <input checked="" type="checkbox"/> 0		

STRAIGHT CARAPACE - LENGTH: 40.1 cm <sup>Removed 108 on head</sup> WIDTH: 32.4 cm

NOTCH LENGTH: 40.1 cm DB: 2 on 208 L.O. VB: L.O.

12/17/02 45.3

CURVED CARAPACE LENGTH: 43.0 cm WIDTH: 40.0 cm

HEAD WIDTH:  cm AXIAL:  cm LATERAL:  cm

FPS: YES OR NO OR NE  SEX: Male, Female or Undetermined

TAIL LENGTH: T  cm C  cm

RIGHT FRONT FLIPPER WIDTH:  cm

PLASTRON LENGTH:  cm

WEIGHT: 20.0 #

DESCRIPTIVE REMARKS: 2/16/02 30lbs

SAMPLES COLLECTED: Blood for hematology for Dr. Morris

Barnacles removed for Zardus

Mototool (Σ) on 3rd lateral right  
(backwards E.)

Zardus

Taken to NMFS Lab  
transferred to NMFS KAPF on 2-20-02

Revised 06/28/02

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 12/18/02

Released by SME/DAF  
on 12-18-02 at Kawa  
Canal at 3:00 p.m. The  
swam straight out.

CAPTURE DATE, LOCATION AND METHOD:

9/9/02	Kailua Bay Kawainui	Scoop Net
PERSON RECORDING DATA: SME/TH		

TUMOR SCORE <input type="checkbox"/>	OLD TAGS:	NEW TAGS: on 9-9-02
ORAL TMRS EXT: YES OR NO <input type="checkbox"/>	<input type="text"/>	RHP REF 424E7D3E79
EMACIATION CODE <input type="checkbox"/>	<input type="text"/>	LFP LHP 4250014053
MT# 1 (For Yonat / KRF study) Redone		

STRAIGHT CARAPACE - LENGTH: 51.4 cm	WIDTH: 40.6 cm
NOTCH LENGTH: 51.2 cm	DB: <input type="checkbox"/> L.O. VB: <input type="checkbox"/> L.O.
CURVED CARAPACE LENGTH: 54.5 cm	WIDTH: 47.5 cm
HEAD WIDTH: 7.5 cm	AXIAL: 19.1 cm LATERAL: 19.3 cm
PPS: YES OR NO OR NE No	SEX: Male, Female or Undetermined U
TAIL LENGTH: T 12.5 cm	C 9.0 cm
RIGHT FRONT FLIPPER WIDTH: 8.7 cm	SAMPLES COLLECTED: Blood by Dr. Morris on 12-17-02
PLASTRON LENGTH: 41.3 cm	
WEIGHT: 39.9 #	
DESCRIPTIVE REMARKS: 452.1 12.2 39.9	

Healed notch in right post-central and 9th and 10th left marginals.  
 PD = pectoral dorsal = scales present  
 P = Pectoral (ventral) = ~~2.5~~ 2.5  
 G = groin = ~~3.2~~ 3.2  
 N = neck (ventral) = ~~3.0~~ 3.0 forms/tagging.xls

DATE FORM FILLED OUT 9/10/02 \* 2 entries to 16 SEP 2002 TO KRF 9/10/02 FOR YOMAT

CAPTURE DATE, LOCATION AND METHOD:  
9/9/02 KAUAI BAY KAWAII SCOOP NET

PERSON RECORDING DATA: SAE

TUMOR SCORE:  0

ORAL TMRS EXT: YES OR NO:  -

EMACIATION CODE:  0

MT: 1

OLD TAGS:

Marine Turtle Research  
 NMFS HONOLULU LAB  
 2570 Dole Street  
 Honolulu, HI 96822-2396

NEW TAGS:  
 RHP: 424E7D3E79  
 RFL: [Barcode]  
 LFL: 4250014053  
 LHP: [Barcode]

SH.M T.DPS COPY

STRAIGHT CARAPACE - LENGTH: 49.5 cm WIDTH: 39.2 cm

NOTCH LENGTH: 49.3 cm DB:  0 L.O. VB:  0 L.O.

12/17/02 51.3

CURVED CARAPACE LENGTH: 52.0 cm WIDTH: 45.5 cm

HEAD WIDTH: 7.7 cm AXIAL: 10.0 cm LATERAL: 18.1 cm

PPS: YES OR NO OR NE  N SEX: Male, Female or Undetermined  U

TAIL LENGTH: T 10.0 cm C 7.0 cm

RIGHT FRONT FLIPPER WIDTH: 8.3 cm

PLASTRON LENGTH: 40.3 cm

WEIGHT: 34.4 #

DESCRIPTIVE REMARKS:

SAMPLES COLLECTED:  
Blood by Dr. Morris

Healed notch in right postcentral  
 Notch #1 second lateral left

Revised 06/28/02

NMFS, HONOLULU LAB  
Marine Turtle Research  
2570 Dole Street  
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

Released by SME/DMF  
on 12/18-02 at Kawai'i  
Canal at 2:50 p.m.  
Turtle swam ~15' to the  
parallel to the beach and  
then out.

DATE FORM FILLED OUT 12/18/02

CAPTURE DATE, LOCATION AND METHOD:

9/9/02	Kailua Bay Kawai'i	Scoop Net
PERSON RECORDING DATA: SME/TH		

TUMOR SCORE

ORAL TMRS EXT:  
YES OR NO

EMACIATION CODE

OLD TAGS:


NEW TAGS: on 9-9-02

RHF RFL	424F7D5536
LRF LHF	424F1A7E1B

MT#

2 (For Yanat / KRF study) - Redone - 2nd lat right

STRAIGHT CARAPACE - LENGTH:

46.5 cm

WIDTH: 35.4 cm

NOTCH LENGTH:

45.9 cm

DB:  L.O.

VB:  L.O.

CURVED CARAPACE LENGTH:

49.0 cm

WIDTH: 40.5 cm

HEAD WIDTH:

7.0 cm

AXIAL: 10.7 cm

LATERAL: 16.4 cm

PPS: YES OR NO OR NE

SEX: Male, Female  
or Undetermined

TAIL LENGTH: T

9.5 cm

e 6.5 cm

RIGHT FRONT FLIPPER WIDTH:

8.2 cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

38.8 cm

Blood by

WEIGHT:

28.5 #

Dr. Morris on 12/1/02

DESCRIPTIVE REMARKS:

348.4  
11.9  
285

8 central scutes formed  
PD = scales present carit take reading G = 2.2  
P = 2.2 N = 2.6

DATE FORM FILLED OUT 9/9/02

16 SEP 2002

CAPTURE DATE, LOCATION AND METHOD:

9/9/02 KAWANAOI KAILUA Bay Scoop net for YONAT  
PERSON RECORDING DATA: GHB

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

Marine Turtle Research  
NMFS HONOLULU LAB  
2570 Dole Street  
Honolulu, HI 96822-2396

NEW TAGS:

424F7D5536



424F7A7E1B



MT#

2

STRAIGHT CARAPACE - LENGTH:

44.7 cm

WIDTH: 33.4 cm

NOTCH LENGTH: 44.2 cm

DB:  $\emptyset$  L.O.

VB:  $\emptyset$  L.O.

CURVED CARAPACE LENGTH: 47.0 cm

WIDTH: 39.5 cm

HEAD WIDTH: 7.7 cm

AXIAL: 16.6 cm

LATERAL: 16.2 cm

PPS: YES OR NO OR NE  Y

SEX: Male, Female or Undetermined

TAIL LENGTH: T 8.4 cm

C 5.5 cm

RIGHT FRONT FLIPPER WIDTH: 7.6 cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 38.0 cm

WEIGHT: 26.0 #

DESCRIPTIVE REMARKS:

Nototool #2 second lateral right

Blood  
by Dr. Morris