

P.137

HONOKOWAI
AUGUST 20-22, 2009
MASHA KAI

ST24 6/24

ID 23069 B/2

MAUI 5

DEC 2010 - KAPALUA

(808) 286-2899 5690

AUGUST 20-21/2011

BALZS 2002-2011

P.23-

9-27-02 SITE VISITS

3-7-03

MOC ID 19603 Deploy "NAKINE" ST19

alco[®] Composition Book

Name 7-27-03 KAPALLIA HAWAII

School 8-17-03 HUAELOA / HONOKOWAI w/ K. Arima M. Koon Tree

Grade 5-20-04 (AHAWA SHORES BEACH RESORT)
(1st TRIP of 5690-04)

Wide Ruled

BALZS

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

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

(808) 395-6409

8/25 - 8/29/04 - WEST MAUI HONOKOWAI
MAHINA SURF

- 10/27/04 MOC 4 + 1 (YEAR SLIP)
TURTLE
ST24 ARGOS ID 22279
("KUPUALOHA")

- 2005 =

- AUGUST 9-11, 2006
MOC - 2 - ST24 "KIMO" ARGOS 23537
MAHINA SURF "MAHE" ARGOS

- JULY 16, 08 HONOKOWAI P.136 50139

2 OF 3

5/19/2011 MT 793 Release P.135
816 TURTLE HAWAII / MAHINA SURF
Honolulu

79



EDITORIALS Ala

FRIDAY, JULY 25, 2003 / 529-4748 / LETTERS@STARBULLETIN.COM ●●

Feeding turtles lures them to their deaths

In the story "Fishing gear kills sea turtle, snares another" (Star-Bulletin, June 25), a Save the Sea Turtles spokeswoman said there have been 10 sightings of a turtle caught in fishing line on the North Shore.

It is of no surprise that Save the Sea Turtles International manages to rescue so many green turtles (honu) snared in fishing line. Several photographs on STSTI's Web site show sea turtles behaving as if they're expecting to be fed.

One photo shows a young honu eating squid (the kind one can get in any supermarket). In another, a diver at the surface holds a child snorkeler in one arm while extending the other toward a green sea turtle. He appears to be offering it something, possibly squid.

If STSTI is feeding the honu, that is disgraceful. Developing a taste for squid entices these poor creatures into fishing areas, where they pluck bait from lures. The result is plenty of sea turtles tangled in fishing line, and plenty of opportunities for

STSTI to "rescue" them when they may be creating the problem in the first place.

Ursula Kuiper-Bennett
Mississauga, Ontario
Canada

How to write us

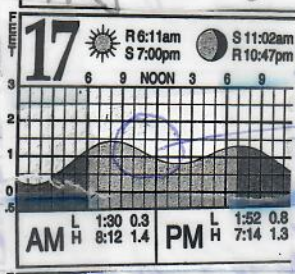
The Star-Bulletin welcomes letters that are crisp and to the point (150 to 200 words). The Star-Bulletin reserves the right to edit letters for clarity and length. Please direct comments to the issues; personal attacks will not be published. Letters must be signed and include a daytime telephone number.

Mail: Letters to the Editor, Honolulu Star-Bulletin, 7 Waterfront Plaza, 500 Ala Moana, Suite 210, Honolulu, HI 96813

E-mail: letters@starbulletin.com

Fax: 808-529-4750

August 2003



Honokowai
via Kahului

Scuba
Alaola
~ 80 minutes
20 ft

17 AUGUST 03 Sunday
Depart Hawaiian Airlines
for Kahului 7:55 am with Karen
Arthur & Myles Rountree
Objectives: ① Dive new site of Alaola
with U & P. ② Collect *Lyngbya*
③ Collect fecal pellets for occult blood test.
④ Get frozen samples that Ursula & Peter have
collected (*Lyngbya* & feces).

Arrive 8:30 am - Alamo rental car
drove to Honokowai. Met with Peter & Ursula -
they go to KAHANA Macdonalds for breakfast.

TO Alaola cove -

GPS = N 20° 59.288' W 156° 40.187'

Scuba w/ Peter & Ursula out to
max 20' depth - large ridge of
coral & rock - lots of *Montipora* coral.
Lots of evidence of rubbing by

8/17/03 turtles - turtle pot holes -
Sunday smoothed areas etc. Numerous
turtles seen including one with
right side of head exposed with
TS3 tumor. Extreme emaciation. Having
over royal head near top.

Several ^{other} turtles seen w/ small tumors
TS1 TS2. Also another one with
tumors on shoulders - eyes generally
OK, but still a TS3.

Many other clean turtles seen -
Estimate 70% of what we saw
was tumors, but most not
severe. Estimate saw 30 turtles
total. Male seen with old amputated
LFF. Tail and left hind old evidence
of shark attack. Photo w/me JPEG by
UPSV12

Saw lots of Amanzia growing
in narrow canyons. Lots of
Amanzia in shallower
collected 7 fecal pellets on
sand bottom. All tested negative
for occult blood.

Lunch at apartment.
Drove back to Kahului for 5pm
return to Honolulu.

Cahama hom. cons
Amphibious TOURS

PHOTOS TAKEN

(85)

5/20/04 Was there all along but I didn't
Thursday previously see it. Call DOCAEE Maui
right, which referred to "Enterprise 5469"
called there and hit #Main County for ⁷⁴³⁻⁵⁸⁴⁴ 984-8110
voice mail! Left messages x2 and
also on Shippy's line (home?). SINCE
tide was declining fast and no sign of
5690 nesting I return to room for night.
MTG was suppose to have checked 2-3 times
but her alarm didn't go off.

HEARD
SHEAR
WATER
IN
HAWAII
IN front
ocean side
of HSBR.

5/21
Ricky OP ~ 5:30 AM walked beach - no signs
of nesting. Saw 2 young men cleaning (cleaning)
a few fish - had taken the net
out. Said that when they went in
the water a large turtle seen -
presumed to be 5690 - they were
worried about entangling her. Same
man I spoke to with others at Park
previous night.

~ 9:30 AM Breakfast at McDonalds. Made
edits on work et al. 10-year recopy
paper. 16
Bought grape-stakes, hammer & tape
at ACE Hardware new location.

(86)

5690 2nd nesting excursion of season

5/2/04 Showed out slept - 0230 - 4pm

Apple walked to
Dinner at Thai restaurant. Walked
back taking picture of sunset ~ 7:05 pm of
enclosure site for 5/7/04 nest. Went to
room - set up all gear in back pack (back saw
etc) like last night. Went to John Mallory's
set and watched. Dusk. Saw head of
turtle surface close to shore - ^(swimming) Aiming harbor direction

AT 7:25 pm

AT 7:38 pm

Saw surfacing more to right (harbor direction) Saw
transmitter antenna. I proceeded to Park
stone wall - Arrived at 7:58 pm right when
she was hauling out ^{where was it only} in front of 1st nesting
enclosure. She turned around a short time
later and went back in.

5/2 =
first small
creeping
shred of
new moon

Sat there against wall - high fixed light
from Park shines across sand in enclosure
maybe more noticeable because there's also
NO moon

AT 8:15 pm she came out again just
a short distance on the beach

Both 5/20 & 5/21/04 Night
 Saw Mavi Fish Hook
 STAR constellation
 5/21 saw southern cross
 5/21 saw one flash of lightning in the distance.

87

30pm TO KATHU
 5/20 5:50pm - 1:45pm
 Turtles 9 mths ago
 Muriel
 11/12/04
 OT (2-18-11-04)
 5/21
 Water of Hydrus
 Several of the turtles spooked
 when they saw
 PARTY to the
 front of
 Alison - "Shark"
 Park side of
 Her - I heard
 All turtles seen there
 5/26/04
 Controls used 11:50am
 Thrice, Return TO KATHU HA

2005 Wood Season
Final Photo of
all nested at
East? Now that
we use digital camera

need Digital V.P. ink
Digital of Dive board

MoC to see Turtles.

need Seawater MoC

Unit to Grabstills

Back TIDES to
insert in graphs



Mahina Surf
Maui's Best Kept Secret

send Tammy Soares
RENTAL MANAGER

4057 Lower Honoapi'ilani Road
Lāhaina HI 96761

1-800-367-6086
www.mahinasurf.com
mahinasf@maui.net
Tel (808) 669-6068 • Fax (808) 669-4534



MAUI COASTAL LAND TRUST

Dale B. Bonar, Ph.D. Executive Director
2371 Vineyard Street
PO Box 965 • Wailuku, HI 96793
ph: 808.244.5263 fx: 808.242.4741
www.mauicoastallandtrust.org
dale@mauicoastallandtrust.org

Acad 10/04
red

MIKE
MATFIELD
Student 1970s

8/27/04
EXCAVATION AT
WAHEE
2nd NEST of Season

"MATTINA SURF" WEST MAUI

(89)

8/25/04

HA FL. —

Wednesday 2:30pm TO KAHULUI

Bought
2004
MAUI TRADE
Dollars
w/ turtle
included
3.69
each.

Alano to MATTINA SURF R. 113

Surf w/ Peter - URSULA in
KAYAK / 5:15pm - 6:45pm Sunset

1 ft tide - no surf. I saw ~ 10
Turtles 9 Adults 1 juvenile - most up in shallows
feeding, likely on Pterocladia and ulva. Male w/ small
Right eye tumor seen before by P & U was watched
behind rock feeding on ulva. Will try video 8/26 PM
In ~ 3m (12 ft) water saw large subadult
had eye TMR on right - resting partly under
coral head.

Resight

Peter saw fresh MT 301

WADS of HYPNEMUSCIFORMIS - in ponds in places.

Several of the turtles spooked very fast
when seeing us - others none at all.

Place
name
by J &
P =

"PARTY" gathering site of feeding turtles in
front of _____

Alsons - "Shark Side" referring to the Pohaku
Park side of "flat-top" grazing rock - cropped
Pter. - I named CARPET.

All turtles seen have appearance of top-notch body
condition - thick GURTH.

8/26/04 ^{THURSDAY}

COUPONS used 11:30am HA TO HONOLULU FOR SEMINAR

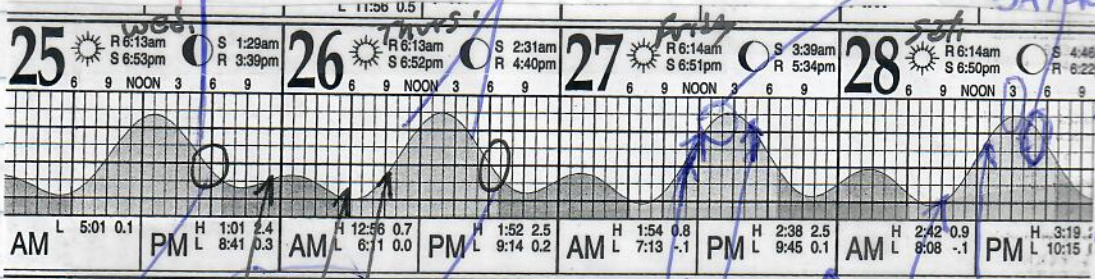
JEFF P.

THURSDAY RETURN TO KAHULUI HA PM.

MATTINA SURF

18 AUGUST 2004

ALAEZA "SNORKEL HOWE BILL" SNOCKEL VW VCR



MATTINA SNORKEL Big 10-15 seen

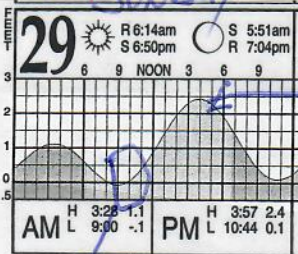
NONE MATTINA AREW

SNORKEL ~10 seen MATTINA VW VIDEO

MATTINA SNORKEL OUT AT EDGE 3M 5-8 seen close MATTINA

NONE SEEN MATTINA

11:30 PM



depart for HONOLULU

5690 5TH nest emerged. 14 hatchlings

SNORKEL - nearshore, offshore and discovery of "BASE CAMP" - Crack/ledge collected seawater + grazed P.C.

28 = Peter's BIRTHDAY

AM COASTAL LAND TRUST

"Shark Side" returning to the island

Park side of flat-top ground rock-capped

After I named "CAPT." - now

All turtles seen have appearance of a dark

20th (approx) used 11:30 AM to 12:30 PM

Return to MATTINA

(91)

8/25/04 Afternoon snorkel & showered, went to
Wednesday The Market Hawaouai for food and drink
and then went to NOTTONAWI - U & P's - ~ 845-1045pm
discussed their sightings w/ kyst - foraging areas,
DAVE GULTHO's new turtle book, etc.
At 11pm I stood at several spots on rocks
in front of Mahiwa Surf - ~~the~~ tide still low (see
chart). Several lamp lights that shine on rocks
are now off (tides apparently). Watched for 15min
no ^{the} turtles seen.

26 AUGUST 04 Up ~ 545am - watched for
Thursday 20 mins from Rocks - first light ~ 6am
Maybe 4 different Turtle heads seen -
are small - others were not adults.
in clay so believed to be foraging.
Very few.

Tested video camera in Ithelike housing in
apartment.

Shot video of Mahiwa Surf area ~ 830-9am.

Breakfast with P & U and Kebrawa Macdank's.

U & P collected Seawater Reef 2 & Polz Baswey LEDGE

8/26/04 ~ 530pm TO 7pm Sunset snorkel w/ U & P
U in water. FIRST VIDEO UN. PANIC BEHAVIOR

Thurs

8/26/04 Seen by many turtles when approached in shallows while feeding. Most others swam away - but Peter says they return soon. - Turtles are robust!
 Thursday evening A few seen w/ eight turtles visiting w/ O&P ATE food from STAC like last night.

8/27/04 FRIDAY A.M. Checked 5690 nest - no tracks. Breakfast at McDonalds Lahaina. Shop at Longs Lahaina. BACK TO MAHINA got gear, went to ALAEOA - O&P Scuba - I snorkeled - ~ 12 - 2 pm ^{UV} video, - including turtle in UV lawn chair - "HONO BILL" - Sea water collected - 2 resting area smooth.

Caught Honobill - collected skin Barnes - divided into 3 tubes cryo 5cc in alcohol + ~~in~~ in Cryotube Frozen for possible PCR of skin by Jim Casey. noted Honobill was ~~not~~ robust - not much of a struggle when captured.

5:30 pm, drove to Wahee'e - nest excavation by Skippy & ~~the~~ Glynnis video and digital stills.

FRIDAY WAHIEE Close to cliffs
Seawater over nest
in recent days (95)
8/27/04 99 total - 92 hatched shells
preserved hatchlings into the sea.
Some large ghost crabs

Dinner at "Kotto's" Maui Shopping Mall.

- TO KAHULUI Power Plant - ~ 30 heads
a minute seen upon arrival - but
saw fewer 15 min later (us?),
cell of water ^{warm} to left (under
"Turtle ^{STANDING} ROCKS") pumping less than
one to the right, but virtual no
turtles seen in the right discharge.
No turtles with tumors seen -
this seems significant.

TO 5690 5th nest site by
wall of park. Dark - no light on.
10:10 pm 2 heads at surface.

8/28/04 ~ 12:10 AM 14 came out crawled
SATURDAY DAYS PRE almost immediately to sea.
(Approaching full MOON) Peter counted
14 INTO THE SEA.

I laid on towel on sand near them.
Picked one up and kissed it.

TO Bed ~ 1 AM

12 "GOLDEN ARCHES"

CAMP
BASE
concept ledge
off shore turtles
where
clustering
seen

8/20/04 ~ UP 9 AM - wrote up notes.
SATURDAY 9:30 AM no turtles in shallows
at Makina Surf. low tide. 4 spearfishers
towing bright new floats.

A few heads seen further out.
pm I prodded with U & P to Napili -
lunch at Subway took it to walk/shade
in front of GAZBO restaurant
Water turtles feeding just outside of break
close to shore.

9:30 AM to 11:30 AM
Sitting by the water to
AT 6 (now "6M")
56.8 311 402 1A 016307 2511

Examined 9 - 216 11/10/04 17
Cone is separated due to hindgut
fragmentation 11/9/04 11/10/04 17

Examined 9 - 216 11/10/04 17
Cone is separated due to hindgut
fragmentation 11/9/04 11/10/04 17
Examined 9 - 216 11/10/04 17
Cone is separated due to hindgut
fragmentation 11/9/04 11/10/04 17

98

MT 301
Resign

need — ① RAISE Hatchling
Hatchlings - MOC

② Sea Turtle Day
MOC

MOC SAT TAG ARGOS 22279 (99)

OCTOBER 27, 04 735 AM HA FL 96
Wednesday TO KAHULU

Picked up by JOHN GORMAN
Bridget McBride Flew on Aloha Air
using coupons.

Arrive MOC - looked at
5 turtles year 2000 SAT in
"Turtle Lagoon". All look
good. Watched 1-2 (or more) "pecking"
at algae on concrete "reef".
Report that 3 at a time
were basking the other day, but
95% of time MT "3" is the
basker. Saw Bronze turtle
under tree - photos.

9:30 AM - 11:30 AM attached
ST 24 w/ Castro to
MT 6 (Now "6M").
56.8 cm SCL.

Examined 5 2003 hatch
(one is separated due to hernia
fracture). These had odd flood
But all are active w/ normal behavior.
Robust and no outward signs of abnormal.

According
to Greg B
revising

10/27/04 Wednesday Also animal zoo? turtle zone - recently went off, then back on, food.

John relayed that there are many turtles seen right side going in Maalaea. Tour boats often stop -- because of crowded conditions -- to give lecture and show people the turtles. its 40 ft deep, so unlikely its a forage spot -- must be resting?

Departed 3:15 pm HA to Honolulu.

10/28 9:30am All 5 turtles released off Puu OLAi Maui via PWF vessel.

AT 20° 35.382 N
156° 25.180 W

As per
JOHN Gorman

6

100

~~22279~~
~~22279~~

Revised 04/04/01

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

OLD MT = 6
NEW MT = "6M"
3rd Lat. L & R

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 10/27/04

SLP HATCH year = 2000
(4 years old)

CAPTURE DATE, LOCATION AND METHOD:

10/27/04

Maui Ocean Center
(Sea Life Park)
(captive)

PERSON RECORDING DATA: BM

NAME = KUPU ALOHA

TUMOR SCORE

OLD TAGS:

NEW TAGS:

0

LHF 422DS17229

RFL 443A2B1076

ORAL TMRS EXT:

YES OR NO
-

no reading
of old tag
lost or defective?

LFL

EMACIATION CODE

0

STRAIGHT CARAPACE - LENGTH:

56.8 cm

WIDTH: 43.3 cm

NOTCH LENGTH:

56.3 cm

DB: ♀ L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

61.0 cm

WIDTH: 53.0 cm

HEAD WIDTH:

— cm

AXIAL: 25.3 cm

LATERAL: 24.7 cm

PPS: YES OR NO OR NE

—

SEX: Male, Female or Undetermined

J

TAIL LENGTH: T

— cm

C — cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

— cm

PLASTRON LENGTH:

— cm

WEIGHT:

55.0 #

on 9/27/04

DESCRIPTIVE REMARKS:

3 layers of resin & fiberglass cloth (this includes Castro)

"bag of tricks" GB

ATTACH: satellite start: 9:35am, Finish 11:50am

Telonic# 634199A

Argos ID: 22279

ST 24 12/24 duty cycle

SAT 22279

AT 20° 35.382' NORTH
156° 25.180' WEST

Released 10/28/04

AT 7:29 AM AT Puu O Lani, Maui

Revised 04/04/01

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

OLD MT = 2
NEW MT = 2M
3rd Lat, L & R

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT

10, 27, 04

SUPHATCH year 2000 = 4 years old

CAPTURE DATE, LOCATION AND METHOD:

10/27/04 wednesday MAUI Ocean Center
(Sea Life Park Captive)

PERSON RECORDING DATA: BM

NAME = "PIHI"

TUMOR SCORE

0

OLD TAGS:

RHF 2904 (LFL)

NEW TAGS:

ORAL TMRS EXT:

YES OR NO

1

LHF 425003642D

RHF 424F05774C

RFL

LFL

EMACIATION CODE

0

Released 10/28/04
130am at Puu Oka'i, MAUI

STRAIGHT CARAPACE - LENGTH:

62.9 cm

WIDTH: 49.3 cm

NOTCH LENGTH:

62.7 cm

DB: Ø L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

67.5 cm

WIDTH: 57.5 cm

HEAD WIDTH:

— cm

AXIAL: 29.9 cm

LATERAL: 29.5 cm

PPS: YES OR NO OR NE

—

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

— cm

C — cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

— cm

size 1

PLASTRON LENGTH:

— cm

photo: of metal tag

WEIGHT:

— #

DESCRIPTIVE REMARKS:

Revised 04/04/01

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

101
OLD MT = 3
NEW MT = 3M
3rd Cat LPR

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 10/27/04 SLP Hatch 2000 = 4 years old

CAPTURE DATE, LOCATION AND METHOD:

10/27/04 MAUI OCEAN CENTER (SLP captive)

PERSON RECORDING DATA: BM NAME = "JML LOA"

TUMOR SCORE

0

ORAL TMRS EXT: YES OR NO

1

EMACIATION CODE

0

OLD TAGS:

LRF 423E111F78

LRF 424E404763

NEW TAGS:

RFL

LFL

STRAIGHT CARAPACE - LENGTH:

57.2 cm

WIDTH: 46.3 cm

NOTCH LENGTH:

56.9 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

61.5 cm

WIDTH: 54.0 cm

HEAD WIDTH:

— cm

AXIAL: 22.6 cm

LATERAL: 21.9 cm

PPS: YES OR NO OR NE

1

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

— cm

C — cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

— cm

PLASTRON LENGTH:

— cm

WEIGHT:

— #

DESCRIPTIVE REMARKS:

Reported regularly basking

When Turtles (5) bask 95% of time its ^{turns} MT 3M

Released 10/28/04
7:30 am at Pw OCAI, MAUI

101

Revised 04/04/01

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

OLD MT = 4

NEW MT = 4M
3rd lat L&R

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 10/27/04 SLP Hatch-year 2000 = 4 years old

CAPTURE DATE, LOCATION AND METHOD:

10/27/04 MAUI OCEAN CENTER (SLP capture)
PERSON RECORDING DATA: BM

Released 10/28/04
7:30am at Puu Oka'i
Maui

NAME "PELE"

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

RFL 2610
LHF 424F7F6F5E
RHF 423B206C3C

NEW TAGS:

RFL
LFL

STRAIGHT CARAPACE - LENGTH:

60.9 cm

WIDTH:

48.7 cm

NOTCH LENGTH:

60.3 cm

DB:

Ø L.O.

VB:

Ø L.O.

CURVED CARAPACE LENGTH:

65.0 cm

WIDTH:

56.0 cm

HEAD WIDTH:

— cm

AXIAL:

25.1 cm

LATERAL:

24.8 cm

PPS: YES OR NO OR NE

—

SEX: Male, Female
or Undetermined

U

TAIL LENGTH: T

— cm

C

— cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

— cm

PLASTRON LENGTH:

— cm

WEIGHT:

— #

DESCRIPTIVE REMARKS:

• possible lengthening of tail

possible make
just
STARTING
TO
lengthen

Revised 04/04/01

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

OLD MT = 5
NEW MT = 5M
(3rd Lat. L&R)

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 10/27/04

SLP Hatch 2000 = 4 years old

CAPTURE DATE, LOCATION AND METHOD:

10/27/04 Maui Ocean Center
(SLP captive)

PERSON RECORDING DATA: PM

NAME = "KEOKI"

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

LHF 422F041C59
RHF 424P2A3007
~~0000~~ (L1-2S) 0609
size 1

NEW TAGS:

RFL
LFL

STRAIGHT CARAPACE - LENGTH:

57.5 cm

WIDTH: 46.1 cm

NOTCH LENGTH: 57.1 cm

DB: \emptyset L.O.

VB: L.O.

CURVED CARAPACE LENGTH:

60.5 cm

WIDTH: 53.0 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

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH: cm

PLASTRON LENGTH: cm

WEIGHT: #

DESCRIPTIVE REMARKS:

Released 10/28/04
7:30 AM at Pw OLA
Maui

John 8/19/08 MOC

end (107)

104

START 7/17/08 MOC

Revised 04/04/01

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

SEA TURTLE TAGGING FORM

SLP
Captive-Bred
MAUI OCEAN Center

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

JULY 17, 2008
PERSON RECORDING DATA: P.B.

TUMOR SCORE
 0
ORAL TMRS EXT:
YES OR NO
 —
EMACIATION CODE
 0

OLD TAGS: 3rd lat.
MT #2 Right LAT
NAME KUUPO
RH

NEW TAGS:
460238695E
4603783500

STRAIGHT CARAPACE - LENGTH: 54.5 cm WIDTH: 44.6 cm
NOTCH LENGTH: 53.9 cm DB: 0 L.O. VB: 0 L.O.
CURVED CARAPACE LENGTH: 58.5 cm WIDTH: 54.0 cm
HEAD WIDTH: — cm LAT1: 25.7 cm LATERAL: 22.3 cm
PPS: YES OR NO OR NE YES LAT.3 10.3 SEX: Male, Female or Undetermined
TAIL LENGTH: T 12.5 cm C 7.5 cm
RIGHT FRONT FLIPPER WIDTH: — cm
PLASTRON LENGTH: 44.3 cm
WEIGHT: 60.5#
DESCRIPTIVE REMARKS:

233.5
- 173.0

105

Continued
Page 130

Revised 04/04/01

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

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

SLP captive breed

CAPTURE DATE, LOCATION AND METHOD:

JULY 17, 2008	Mau, Ocean Center
PERSON RECORDING DATA: P.B.	

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

MT #5
KAINALU

NEW TAGS:

460811590A
46022F2934

LH
RH

STRAIGHT CARAPACE - LENGTH:

54.2 cm

WIDTH:

44.0 cm

NOTCH LENGTH:

33.9 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

58.0 cm

WIDTH:

53.0 cm

HEAD WIDTH:

— cm

LAT I

25.2 cm

LATERAL:

21.9 cm

PPS: YES OR NO OR NE

Yes

LAT 3

17.9

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

13.0 cm

C

8.0 cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

— cm

PLASTRON LENGTH:

44.3 cm

WEIGHT:

65 #

DESCRIPTIVE REMARKS:

238.0
173.0

707

Reduce

KUPUALOHA
(6)

Maui Ocean Center
GREGG LEVINE DVM

Date: 06/04/04
Animal Name- Kupualoha Species- Green Sea Turtle, *Chelonia mydas*
Old Name- MOC #6
YOB- 2000 Sex- Unkown
ID: Rt flipper tag- ZG08 (tag is no longer there)
Pit tags - LHF 422D517229 RHF 4237526A39

Attach ARGOS ID
22279

ST24 12/98

on 10/27/04

A quarterly physical exam was done on Kupualoha on 06/04/04

Subjective: Bright, Alert, Responsive. Active swimmer with a good appetite.

Diet:

November 2002 until present- Turtle gel has been made without fish products. The fish has been replaced with turtle pellets. Turtles are fed gel diet, lettuce and brocoll.

Proximate analysis of gel (Fat- 3.06%, Protein- 16.55%, Carbohydrates- 11.77%, Moisture- 64.4%, fiber 1.22%, Ash 4.22%)

Morphometrics:

Date	Weight	SCL(cm)	SCW (cm)	CCL(cm)	CCW (cm)
1/3/ 2002		30.8cm			
2/8/2002		32.3cm	27.4cm		
3/6/2002	12lbs	33.9cm	25.1cm	37.5 cm	30.5 cm
6/11/02	15 lbs	36.1 cm	26.5 cm		
10/08/02	20 lbs			43 cm	36.0 cm
02/05/03	25 lbs	43.4 cm	32.6 cm	46.5cm	40.0 cm
08/04/03	34 lbs	47.7cm	36.1 cm	52.0 cm	44.5 cm
01/22/04	46 lbs	51.3 cm	38.9 cm	55.0 cm	47.5 cm
06/04/04	54 lbs	53.5 cm	41.3 cm	57.5 cm	50.5 cm

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Date: 06/04/04

Animal Name: Kupualoha

Species: Green Sea Turtle, *Chelonia mydas*

Old Name- MOC(#6)

YOB: 2000

Sex: Unkown

ID: Rt flipper tag- ZG08 (tag is no longer there)

Pit tags - LHF 422D517229 RHF 4237526A39

Physical exam: Eyes-WNL

Nares-WNL

Oral cavity- WNL Musculoskeletal-WNL

Integumentary- healing abrasion on nose

Bloodwork from 06/04/04

CBC: WNL

Chem Panel: WNL

Group fecal parasite analysis (flotation and sedimentation)- Negative

Assessment: Appears healthy.

Gregg Levine DVM

Reduce MOC NAME =
OPIHI (2)

MT 2-6 (N=5)

Maui Ocean Center
GREGG LEVINE DVM

Date: 07/08/04
Animal Name- Opihi Species- Green Sea Turtle, *Chelonia mydas*
Old Name- MOC #2
YOB- 2000 — from SLP Sex- Unkown
ID: Lt flipper tag- ZG04
Pit tags - LHF 425003642D RHF 424F05774C

Year
Born

A quarterly physical exam was done on Opihi on 07/08/04.

Subjective: Bright, Alert, Responsive. Active swimmer with a good appetite.

Diet: November 2002 until present- Turtle gel has been made without fish products. The fish has been replaced with turtle pellets. Turtles are fed gel diet, lettuce and brocolli.

Proximate analysis of gel (Fat- 3.06%, Protein- 16.55%, Carbohydrates- 11.77%, Moisture- 84.4%, fiber 1.22%, Ash 4.22%)

Morphometrics:

Date	Weight	SCL(cm)	SCW (cm)	CCL(cm)	CCW (cm)
1/3/02		36 cm			
2/8/02		37.6 cm	29.4 cm		
3/6/02	16 lbs	39.0 cm	30.5 cm	42.0 cm	35.5 cm
6/11/02	19.15 lbs	41.4 cm	32.3 cm		
10/08/02	23 lbs			46.0 cm	39.0 cm
02/05/03	27 lbs	46.2 cm	36.0 cm	49.5 cm	42.5 cm
08/04/03	35 lbs	51.2 cm	39.9 cm	54.5 cm	47.0 cm
01/22/04	48 lbs	55.8 cm	43.3 cm	59.6 cm	50.5 cm
06/04/04	59 lbs	59.5 cm	46.3 cm	63.0 cm	53.0 cm

109

Date: 07/08/04

Animal Name- Ophi (2) Species- Green Sea Turtle, *Chelonia mydas*

Old Name- MOC #2

YOB- 2000

Sex- Unknown

ID: Lt flipper tag- ZG04

Pit tags - LHF 425003642D RHF 424F05774C

Physical exam:

Eyes-WNL

Nares-WNL

Oral cavity- small 5mm superficial injury on tongue. 5mm region of orange algae on right buccal mucosa.

Musculoskeletal-WNL

Integ- multiple superficial bite wounds on neck.

Bloodwork-07/08/04

CBC- WNL..

Chem panel- WNL

Group fecal parasite analysis (flotation and sedimentation)- Negative

Assessment: . Apparently healthy .

Gregg Levine DVM

P01

I'MILOA
(3)

Maui Ocean Center
GREGG LEVINE DVM

Date: 07/08/04
Animal Name- I'miloa Species- Green Sea Turtle, *Chelonia mydas*
Old Name- MOC #3
YOB- 2000 Sex- Unknown
ID: Old flipper tag- Rt flipper tag- Z129 (not present)
Pit tags - LHF 423E111F78 RHF 424E4D4763

A recheck blood sample was done on I'miloa on 07/08/04.

An elevated WBC was noted in June 2004 on annual examinations.

Subjective: Bright, Alert, Responsive. Active swimmer with a good appetite.

Diet: November 2002 until present- Turtle gel has been made without fish products. The fish has been replaced with turtle pellets. Turtles are fed gel diet, lettuce and broccoli.

2 PY
MASTER
BASIS?

Proximate analysis of gel (Fat- 3.06%, Protein- 16.55%, Carbohydrates- 11.77%, Moisture- 64.4%, fiber 1.22%, Ash 4.22%)

Morphometrics:					
Date	Weight	SCL(cm)	SCW (cm)	CCL(cm)	CCW (cm)
1/3/2002		32.4cm			
2/18/2002		33.4 cm	26.8 cm		
3/6/2002	13lbs	34.3 cm	27.5 cm	37.0 cm	31.5 cm
6/11/2002	14.2lbs	36 cm	28.3 cm		
10/08/02	18.5 lbs			41.5cm	36.5cm
02/05/03	24 lbs	42.7cm	33.8cm	45.5cm	40.0cm
08/04/03	33 lbs	47.5cm	38.2cm	50.0cm	
01/22/04	38 lbs	51.4 cm	41.5cm	54.5 cm	48.8 cm
06/04/04	<u>51 lbs</u>	<u>53.9cm</u>	43.7 cm	57.0 cm	51.0 cm

111

I'MILOA (continued)
(3)

Date: 07/08/04

Animal Name- I'miloa

Species- Green Sea Turtle, *Chelonia mydas*

Old Name- MOC #3

YOB- 2000

Sex- Unknown

ID: Old flipper tag- Rt flipper tag- Z129 (not present)

Pit tags - LHF 423E111F78 RHF 424E4D4763

Physical examination

Eyes-WNL

Nares-WNL

Oral cavity- WNL

Musculoskeletal-WNL

Integumentary- Subtle contours noted on carapace. Each scute has a bit of convexity and concavity to it.

Annual Bloodwork-

CBC- WNL

Chem panel- WNL

Group fecal parasite analysis (flotation and sedimentation)- Negative

Assessment: Appears healthy.

Gregg Levine DVM

PELE(4)

Maui Ocean Center
GREGG LEVINE DVM

Date: 06/04/04

Animal Name- Pele

Species- Green Sea Turtle, *Chelonia mydas*

Old Name- MOC #4

YOB- 2000

Sex- Unknown

ID: Turtle #4 Rt flipper tag- ZG10

Pit tags - LHF 424F7F6F5E RHF 423B206C3C

A quarterly physical exam was done on Pele on 06/04/04

Subjective: Bright, Alert, Responsive. Active swimmer with a good appetite.

Diet: November 2002 until present- Turtle gel has been made without fish products. The fish has been replaced with turtle pellets. Turtles are fed gel diet, lettuce and broccoli.

Proximate analysis of gel (Fat- 3.06%, Protein- 16.55%, Carbohydrates- 11.77%, Moisture- 64.4%, fiber 1.22%, Ash 4.22%)

Morphometrics:

Date	Weight	SCL(cm)	SCW (cm)	CCL(cm)	CCW (cm)
1/3/ 2002		32.6 cm			
2/8/2002		34.2 cm	26.9 cm		
3/6/2002	14lbs	35.7 cm	27.8 cm	38.0 cm	31.5 cm
6/11/02	18.6 lbs	38.9 cm	30.2 cm		
10/08/02	24.0 lbs			44.5 cm	38.5 cm
02/05/03	31.0 lbs	46.3 cm	36.6 cm	49.0 cm	42.3 cm
08/04/03	39.0 lbs	50.4 cm	40.4 cm	53.5 cm	46.0 cm
01/22/04	50.0 lbs	54.7 cm	43.5 cm	57.7 cm	49.6 cm
06/04/04	<u>61.0 lbs</u>	<u>57 cm</u>	45.7 cm	60 cm	53.4 cm

113

Date: 06/04/04

Animal Name- Pele

Species- Green Sea Turtle, *Chelonia mydas*

Old Name- MOC #4

YOB- 2000

Sex- Unknown

ID: Turtle #4 Rt flipper tag- ZG10

Pit tags - LHF 424F7F6F5E RHF 423B206C3C

Physical exam

Eyes-WNL Nares-WNL Oral cavity- WNL

Musculoskeletal-WNL Integumentary- wnl

Bloodwork-

CBC- WNL

Chem Panel- WNL

Group fecal parasite analysis (flotation and sedimentation)- Negative

Assessment: Appears healthy.

Gregg Levine DVM

811

KEOKI
(5)

Maui Ocean Center
GREGG LEVINE DVM

Date: 07/08/04
Animal Name- Keoki Species- Green Sea Turtle, *Chelonia mydas*
Old Name- MOC #5
YOB- 2000 Sex- Unkown
ID: Rt flipper tag- not found (ZH03), Lt flipper tag- ZG09
Pit tags - LHF 422F041C59 RHF 424F2A3007

Recheck bloodwork was performed on Keoki on 07/08/04 due to leukocytosis noted 06/04/04.

Subjective: Bright, Alert, Responsive. Active swimmer with a good appetite.

Diet: November 2002 until present- Turtle gel has been made without fish products. The fish has been replaced with turtle pellets. Turtles are fed gel diet, lettuce and broccoli.

Proximate analysis of gel (Fat- 3.06%, Protein- 16.55%, Carbohydrates- 11.77%, Moisture- 64.4%, fiber 1.22%, Ash 4.22%)

Morphometrics:

Date	Weight	SCL(cm)	SCW (cm)	CCL(cm)	CCW (cm)
1/3/ 2002		32.6cm			
2/14/2002		34.6cm	27.4cm		
3/6/2002	15.0lbs	35.5cm	28.3 cm	38.5 cm	32.0cm
6/11/02	16 lbs.	38.1cm	30.1cm		
10/08/02	20.0 lbs			43.1cm	36.0 cm
02/05/03	25.0 lbs	43.1 cm	34.8cm	46.0cm	39.0 cm
08/04/03	31.0 lbs	46.3 cm	37.1cm	49.0 cm	41.9 cm
01/22/04	37.0 lbs	50.0 cm	39.9 cm	52.9 cm	45.5 cm
06/04/04	<u>51.0 lbs</u>	<u>53.5 cm</u>	42.9 cm	56.5 cm	49.0 cm

Physical exam: 07/08/04

Eyes-WNL Nares-WNL
Oral cavity- -2mm healing wound on tongue Musculoskeletal- wnl
Skin- superficial bite wounds noted on neck.

115

Date: 07/08/04

Animal Name- Keoki

Species- Green Sea Turtle, *Chelonia mydas*

Old Name- MOC #5

YOB- 2000

Sex- Unknown

ID: Rt flipper tag- ZH03, Lt flipper tag- ZG09

Pit tags - LHF 422F041C59 RHF 424F2A3007

CBC- Leukocytosis resolved. Mild anemia noted.

Chem panel- Normal

Group fecal parasite analysis (flotation and sedimentation)- Negative

Assessment- In good health. Suspect that the apparent anemia is due to lymphatic fluid in blood sample.

Plan-

Recheck bloodwork in September 2004. Recheck bloodwork sooner if Keoki displays any clinical or behavioral abnormalities that would indicate illness.

Gregg Levine DVM

(116)

MOC SAT TAGS

wednesday
August 9, 06

Depart 9:20 AM Heiwarren Av
 Stacy Kubus to MOC for sat tag attachment
 45 min wait for Rental Car Aramo. Arrived
 ~ 10:45 AM - met Peter & Ursula - John from
 Cheryl King, etc. Viewed turtles in display tank
 and reviewed medical records. "Kiwi" shows
 acute count last had spells of weight loss
 looks more than others. 4 years old -
 others are 3 years old. Maile 15
 also selected for Sat tag (N=2) - 5 others
 all weighed Aug 2, 06. So we did measure

Yearling replacements^{N=} from staff SLP -
 few weeks ago will go into display tank

Proceeded to get MT 4 & 7 - took all
 measurements then did sat tags
 at once. other turtles measured
 in between when setting up.

work took until 3 pm. Used
 Elastomer to put magnets back on
 temporary. Turtles put in seawater
 tanks separate.

Released from Pacific Whale Foundation
 vessel ~~Wed~~ Thursday 8/10.

Need

- Temp loggers
- GPS 8/10/06 Releases N=2 N=5
- HAMOA
- NAITHEE
- 5690 nests
- Health sheets glued in book
- TWO DATA SHEETS TO DENISE
- BULB & LINE - Longs T shirt
- Jeanne Martinson
- Power plant - Time per minute # heads
- KAHULUI
- TIDE CHART

8/9/06 Shopped at MOC store - ate late light
 wednesday lunch at shopping ^{MOC} center restaurant. Drove Stacy
 to airport for 7pm departure - went to
 Power plant prior to sunset - as
 sunset approached more turtles seen.

"Pride of Hawaii" in port.

Drove back to MOC for P&U's car.
 Drove to Makine Surf for check-in (lock
 box). Room 116. Showered and went

to U&P apartment - Talked and reviewed
 photo - include "Wai" (Howo Bill) being seen ^{by them}
 Reef 2 etc regularly this summer.

see p. I had brought over 3 new loggers +
 1 for 5690 nest (with black tape).
 Got 3 data loggers ^{PVCS} they had retrieved.

Date: Sat, 23 Oct 2004 14:23:33 EDT
From: GLevineDVM@aol.com
To: PhinneyPin@aol.com, gbalazs@honlab.nmfs.hawaii.edu, SLPMOSBORN@aol.com
Cc: flipperdvm@hotmail.com, JJJ88888@aol.com, piperica@mauigateway.com
Subject: MOC brief turtle update

George MAUI MOC

[Part 1, Text/PLAIN 80 lines.]
[Unable to print this part.]

Dear Brian,

I made a visit to the Maui Ocean Center on Thursday of this week, and I wanted to give you a brief update on the turtles. Recheck bloodwork values will likely not be available until Monday, so a complete report will follow.

There are a few bullet point items that deserve review more immediately.

1. The 5 four year old turtles are due to be released on Thursday (October 28). My pre-release exam complete with bloodwork was performed on 9/22/04. I did not want to mix populations on this last week, and thus did not perform exams on the exiting turtles. I reviewed their records, and all are doing well. Eating well and behaving normally.

Is the bloodwork and physical from 9/22 sufficient information for release (based on normal appetite and behavior since that time)?

If not, I can return to Maui on Monday for pre-release physicals and bloodwork.

Note that George will be on site on Wed. 10/27 for final morphometric exam and Sat tagging.

2a. In regards to the new arrivals. (I will use their MOC #'s to refer to them)

Number 7 (the older (2 year old turtle) went off feed acutely on Monday and was noted as having decreased activity. Aquarists monitored the animal in a separate pool for the next few days. They noted that it was having increased stool production that was less solid than normal. The animal did eat sparsely (lettuce only) on Tues. and Wed, but still appeared weak and lethargic. I went over on Thursday for complete exam, radiographs, fecal exam, bloodwork and to begin therapy on the turtle.

DV radiographs were WNL. No obvious sign of gi foreign body or abnormal gas pattern. Could not perform skyline view to evaluate respiratory tract due to the limitations of the fixed x-ray tube and table at the clinic we visited.

Antibiotic therapy was started early in the day on Thursday.

Number 7 did eat a little gel on Thursday night, and did eat at a little on each feed on Friday, and appears more active. So it is on an improving trend.

Please note that this animal was not anemic in September prior to transport, so we did not recheck blood on 9/22. Bloodwork and complete medical report will be out....hopefully Monday or Tuesday.

(19)

2b. All of the (almost 1 yr. olds) seem to be doing well with eating and slowly putting on weight. Of note is little turtle number 4. Aquarists noted that he was a bit lame on the R front flipper on 10/14. The animal was separated for close monitoring and ease of feeding. I radiographed the animal on 10/21 and it does have a fractured proximal humerus on the R front flipper.

My suspicion is this is handling related. Please note that the staff at MOC is very gentle with these animals, have been trained in proper restraint, and are very aware of their fragility and strength at this age.

This incident likely occurred during their weekly morphometric exam on 10/12, and the lameness was not noted until the morning of 10/14.

Our plan at this time is to let the young turtle rest alone in a small pool for recovery, and recheck radiographs in 4 months. As long as the turtle is eating and behaving well, we will limit morph exams (weights only) to monthly.

In addition, we will likely suspend the weekly morph exams on the other small turtles if the bloodwork is demonstrating improvement in RBC parameters.

So much for brief.

Let me know what you and SLP would like in regards to the pre-release veterinary inspection as soon as possible.

Call or write if you have questions.

Aloha
Gregg

Date: Wed, 23 Aug 2006 13:21:01 -1000
From: Liz W. Smith <pr@mauiocenter.com>
To: 'George H. Balazs' <gbalazs@honlab.nmfs.hawaii.edu>, jluecke@mauiocenter.com, kzolezzi@mauiocenter.com
Subject: turtle #5

Turtle #5 was spotted today at Kaanapali's Black Rock at 11am.

Liz

PT

host
MOC 8/9/06
Pam Benjasirichai @ Yahoo.com
Sea turtles in Thailand.

Date: Fri, 11 Aug 2006 14:46:37 -1000
From: John Gorman <jgorman@mauiocceancenter.com>
To: 'George H. Balazs' <gbalazs@honlab.nmfs.hawaii.edu>
Subject: RE: Recommended location to release the MOC SLP/DD *captive-bred* turtles on August 10, 2006

Aloha George,
Here are the coordinates for the release of the 2 groups of turtles. Numbers 1,2,3 and Malle # 4 which had a satellite tag, were released Ahihi Kinau at 20 36.971N and 156 26.383W *near*
The second group of 3 5, 6 and # 7 Kimo, which had a satellite tag, *were* released near PU'UOLAI at 20 38.405N and 156 27.100 W.
I hope this helps,
Best Regards,
John Gorman

*LAT Long
MOC Releases*

172

Louise - Turtle tattoo on ankle (photo'd)
STAFF AT MOC by GB

111

MOC NAMED - Maile "MT" #4
3 years old

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

1 of 7

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 8, 9, 06 Wednesday

CAPTURE DATE, LOCATION AND METHOD:

MOC CAPTURE	Attached ST24	Telonics: 561066
PERSON RECORDING DATA:	SK 9AT	ID: 50139 12/48 cycle

TUMOR SCORE

0

ORAL TMRS EXT: YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

#4 (MT) 3rd
YQ-82 (L3rd) (LFF)

NEW TAGS:

REF 4526517C6A
LFL 4528446710
Hotstool #4 on Rt + Left

STRAIGHT CARAPACE - LENGTH:

44.6 cm

WIDTH: 35.1 cm

NOTCH LENGTH:

44.1 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

49.5 cm

WIDTH: 42.0 cm

HEAD WIDTH:

6.9 cm

AXIAL: 19.9 cm

LATERAL: 19.9 cm

PPS: YES OR NO OR NE

Y

SEX: Male, Female or Undetermined U

TAIL LENGTH: T

10.0 cm

C 6.0 cm

RIGHT FRONT FLIPPER WIDTH:

7.9 cm

PLASTRON LENGTH:

36.9 cm

WEIGHT:

8/6/06 31.05 #

DESCRIPTIVE REMARKS:

Hotstool #4 expanded + renewed (now on Rt + Lt)
(3rd lateral)

Released #4 near AHIHI KINAU
Along with MT 1522
8-10-06 PWF vessel
20° 36.97' N, 156° 26.383' W

Release PooLAI
 Release position = 156 27.100W 20° 38.405N (123)
 CNT 3, 5, 6

MOC named "Kimo"
 MT 7
 4 years old

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

87 (TMS)
 Turtle 2 of 7

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 8.9.06

Released 8-10-06

CAPTURE DATE, LOCATION AND METHOD: PWF vessel

MOC Captive (SLP) Attached ST 24 Technician: 561062 Cycle 1248
 PERSON RECORDING DATA: SK TAG ID: 23537

TUMOR SCORE: 0
 ORAL TMRS EXT: YES OR NO: -
 EMACIATION CODE: 0

OLD TAGS:
 Mototool #7 3rd Lt lateral
 445473205A (LH)
 4438572504 (RH)

NEW TAGS:
 RFL: 200007
 LFL:
 Mototool #7 on Rt + Lt

STRAIGHT CARAPACE - LENGTH: 47.1 cm WIDTH: 40.6 cm
 NOTCH LENGTH: 46.6 cm DB: ∅ L.O. VB: ∅ L.O.
 CURVED CARAPACE LENGTH: 50.0 cm WIDTH: 45.0 cm
 HEAD WIDTH: 8.0 cm AXIAL: 20.4 cm LATERAL: 19.9 cm
 FPS: YES OR NO OR NE: N SEX: Male, Female or Undetermined: U

TAIL LENGTH: T 8.5 cm * C 6.5 cm
 RIGHT FRONT FLIPPER WIDTH: 8.9 cm
 PLASTRON LENGTH: 39.5 cm
 WEIGHT: 33.5 #
 SAMPLES COLLECTED:

DESRIPTIVE REMARKS:
 - 6 centrals
 * Tail nipped off at tip shortened + healed from old injury
 - Basker - MOST commonly BASKING TURTLE AT MOC.
 - Mototool #7 exp + renewed - 7102 hatchling from SLP
 + new on Rt + left
 (3rd lateral)
 - 1/10/04 capnity 18.5 cm
 - 6/19/03 measured 20.2 cm
 - 1/21/04 SL 31.5 cm
 - 7/4/04 41.0 cm 7/18/05 41.0 cm 7/18/04 41.0

From SK009
 all at SLP

MOC
Named - "Hana"

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

(111)
3 of 7

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 8/9/06

CAPTURE DATE, LOCATION AND METHOD:

MOC CAPTIVE (SLP)
PERSON RECORDING DATA: Nadine Suyama

TUMOR SCORE
 0
ORAL TMRS EXT:
YES OR NO
 -
EMACIATION CODE
 0

OLD TAGS: size!
YQ 35 (LF)
mototool 1 (rt)

NEW TAGS:
470B4F5B7C
470C711B0D
mototool 1 (rt+lf)

STRAIGHT CARAPACE - LENGTH:

49.2 cm

WIDTH: 39.6 cm

NOTCH LENGTH: 49.0 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

52.5 cm

WIDTH: 48.5 cm

HEAD WIDTH: 8.0 cm

AXIAL: 22.0 cm

LATERAL: 21.9 cm

FPS: YES OR NO OR NE Y

SEX: Male, Female or Undetermined U

TAIL LENGTH: T 11.0 cm

C 6.5 cm

RIGHT FRONT FLIPPER WIDTH:

8.6 cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 41.5 cm

WEIGHT: 43.0 #

Released
8-10-06 pwf
vessel

DESCRIPTIVE REMARKS:

Slight crookedness to the tail

Name: Hana

1/2 left hind flipper missing heel

MT 1 expanded +
new bone on left
(3rd lateral)

8/2/06

125

111

MOC
Named

"Keala"

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

4 of 7

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 8/9/06

CAPTURE DATE, LOCATION AND METHOD:

MOC Captive (SLP)
PERSON RECORDING DATA: Nadine Sunama

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

~~mototool~~
mototool (rt)

NEW TAGS:

470B213C41
467D117058
mototool a (rt. + left) new

STRAIGHT CARAPACE - LENGTH:

51.7 cm

WIDTH: 41.0 cm

NOTCH LENGTH: 51.3 cm

DB: 0 L.O.

YB: 0 L.O.

CURVED CARAPACE LENGTH:

55.0 cm

WIDTH: 49.5 cm

HEAD WIDTH: 8.6 cm

AXIAL: 22.5 cm

LATERAL: 22.9 cm

PPS: YES OR NO OR NE Y

SEX: Male, Female or Undetermined U

TAIL LENGTH: T 12.0 cm

C 8.0 cm

RIGHT FRONT FLIPPER WIDTH:

9.6 cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 42.4 cm

WEIGHT: ? #

DESCRIPTIVE REMARKS:

Released 8-10-06
PWF vessel

3rd Cotends

MOC NAMED

"Makamae"

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

SEA TURTLE TAGGING FORM

5 of 7

DATE FORM FILLED OUT 8/9/06

CAPTURE DATE, LOCATION AND METHOD:

MOC CAPTIVE (SLP)
PERSON RECORDING DATA: Nadine Suyama

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

moto tool 6 (rt)
Lft. YQ 86
Size 1

NEW TAGS:

RFL 470C251269
LFL 470A7C2B14
moto tool 6 (rt. + left)

STRAIGHT CARAPACE - LENGTH:

46.4 cm

WIDTH: 37.8 cm

NOTCH LENGTH: 46.0 cm

DB: ϕ L.O.

VB: ϕ L.O.

CURVED CARAPACE LENGTH:

50.0 cm

WIDTH: 45.5 cm

HEAD WIDTH: 7.8 cm

AXIAL: 21.9 cm

LATERAL: 22.1 cm

PPS: YES OR NO OR NE Y

SEX: Male, Female or Undetermined U

TAIL LENGTH: T 12.0 cm

C 7.5 cm

RIGHT FRONT FLIPPER WIDTH: 8.6 cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 37.5 cm

Reposed

WEIGHT: 35.0 #

8-10-06 Pwf. vessel

DESCRIPTIVE REMARKS:

superficial crack on rt. side beak

Expanded and MT 6 Added to left 3rd lateral

8/2/06

127

Mo's Name "Kealoha"

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

6 of 7

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 8, 9, 06

CAPTURE DATE, LOCATION AND METHOD:
MOC capture (SLP)
PERSON RECORDING DATA: Nadine Suyama

TUMOR SCORE: 0
ORAL TMRS EXT: YES OR NO: -
EMACIATION CODE: 0

OLD TAGS:
mototool 5 (rt)

NEW TAGS:
452269420F
4527392C28
mototool 5 (rt+left)

STRAIGHT CARAPACE - LENGTH: 50.2 cm WIDTH: 39.2 cm

NOTCH LENGTH: 49.7 cm DB: \emptyset L.O. VB: \emptyset L.O.

CURVED CARAPACE LENGTH: 54.0 cm WIDTH: 46.0 cm

HEAD WIDTH: 7.8 cm AXIAL: 22.1 cm LATERAL: 22.2 cm

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

TAIL LENGTH: T: 11 cm C: 6.5 cm

RIGHT FRONT FLIPPER WIDTH: 8.2 cm

PLASTRON LENGTH: 41.3 cm

WEIGHT: 40.0 #

DESCRIPTIVE REMARKS: vesel

SAMPLES COLLECTED:
Released
8-10-06 PWF

Expanded 5th lateral left

128

MOC
"named
Hoku"

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

SEA TURTLE TAGGING FORM

7 of 7
END

Mariko Katayama - Aquarism
MOC data recorder - Alexis Pospischiil

DATE FORM FILLED OUT 8/9/06

CAPTURE DATE, LOCATION AND METHOD:

MOC CAPTIVE (SLP)

PERSON RECORDING DATA: Nadine Suyama

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

mototool 3
Revised
New 33rd
Lateral Right

NEW TAGS:

470C3B6C55



470B476629



mototool 3 (Rt. & left)

* STRAIGHT CARAPACE - LENGTH:

46.1 cm

WIDTH: 39.5 cm

* NOTCH LENGTH: 46.1 cm

DB: \emptyset L.O.

VB: \emptyset L.O.

CURVED CARAPACE LENGTH: 50.0 cm

WIDTH: 48.0 cm

HEAD WIDTH: 8.2 cm

AXIAL: 22.1 cm

LATERAL: 22.0 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: 8.4 cm

SAMPLES COLLECTED:

PLASTRON LENGTH: 39.2 cm

Released

WEIGHT: 39.5 #

8-10-06 from PWF

DESCRIPTIVE REMARKS:

revised

* 11th. left marginal; post central, substantially missing & healed (SCL)
not full length shell
left hind flip. 1/2 missing & healed
tail nipped off @ end, healed, old
shorter than it should be due to dam age carapace

Painter

Red

8/2/06

130

CONTINUED FROM page 104

Revised 01/17/03

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

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

M. P. O. C. ~~July~~ JULY 17/08 SEA LIFE PARK CAPTURE

PERSON RECORDING DATA: P. BENNETT

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

—

EMACIATION CODE

0

OLD TAGS: 3rd tag

MT # 1

MALUHIA

NAME

MT#

NEW TAGS:

4601643B28



460777604A



STRAIGHT CARAPACE - LENGTH:

49.4 cm

WIDTH: 39.8 cm

NOTCH LENGTH: 49.0 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

53.5 cm

WIDTH: 46.5 cm

HEAD WIDTH: — cm

LAT1

21.8 cm

LATERAL: 18.9 cm

PPS: YES OR NO OR NE YES

LAT3

15.5

SEX: Male, Female or Undetermined

LN

TAIL LENGTH: T 13.0 cm

C 8.0 cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH: — cm

PLASTRON LENGTH: 39.5 cm

WEIGHT: 46.5 lbs

GLUCOSE:

GB MR

DESCRIPTIVE REMARKS:

219.5
173.0

Revised 01/17/03

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

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 1 / 1

CAPTURE DATE, LOCATION AND METHOD:

Mt. O. Center	JULY 17/08	SeaLife Park Captive Bred
---------------	------------	------------------------------

PERSON RECORDING DATA:

TUMOR SCORE <input type="checkbox"/>	OLD TAGS: 3rd left Right	NEW TAGS: <input checked="" type="checkbox"/>
ORAL TMRS EXT: YES OR NO <input type="checkbox"/>	MT # 4	46080D0819
EMACIATION CODE <input type="checkbox"/>	NOHEA	
	(THE BITER)	460224184E
	MT#	

STRAIGHT CARAPACE - LENGTH:	50.7 cm	WIDTH:	40.5 cm
NOTCH LENGTH:	50.4 cm	DB:	<input type="checkbox"/> L.O.
CURVED CARAPACE LENGTH:	54.0 cm	VB:	<input type="checkbox"/> L.O.
HEAD WIDTH:	<input type="checkbox"/> cm	L1 AXIAL:	23.8 cm
PPS: YES OR NO OR NE	YES	L2 LATERAL:	20.5 cm
TAIL LENGTH: T	11.5 cm	L3	16.7
		SEX: Male, Female or Undetermined	<input checked="" type="checkbox"/>
RIGHT FRONT FLIPPER WIDTH:	<input type="checkbox"/> cm	C	7.0 cm
PLASTRON LENGTH:	42.9 cm	SAMPLES COLLECTED:	
WEIGHT:	500 #65		
DESCRIPTIVE REMARKS:		GLUCOSE: GB MR	

132

~~132~~

Go to
p. 134

Revised 01/17/03

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

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

SEA LIFE PARK

CAPTURE DATE, LOCATION AND METHOD:

MOC	JULY 17/08	CAPTIVE BREED
-----	------------	---------------

PERSON RECORDING DATA:

TUMOR SCORE

ORAL TMRS EXT:
YES OR NO

EMACIATION CODE

OLD TAGS: *3rd IAT PGHT*

MT # 3
LEILANI

NEW TAGS:

4607783A17
46080D2A2E

STRAIGHT CARAPACE - LENGTH:

52.4 cm

WIDTH:

41.9 cm

NOTCH LENGTH:

52.0 cm

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

56.0 cm

WIDTH:

50.0 cm

HEAD WIDTH:

cm

LATI

23.9 cm

LATERAL:

20.7 cm

PPS: YES OR NO OR NE

YES

LAT3 16.3

SEX: Male, Female or Undetermined

TAIL LENGTH: T

13.0 cm

C

8.5 cm

RIGHT FRONT FLIPPER WIDTH:

cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

43.8 cm

WEIGHT:

48.5 kg

GLUCOSE:

GB MR

--	--	--

DESCRIPTIVE REMARKS:

221.5
173.0

MAY 19, 2011 Thursday MAKENA

(135)

See P. 135

LANDING
Release of Surgery
Turtle (8 lb tumor removed)

HISTORY: Seen for several months in cove off Makena Landing (by Ali Young and ORIANA Kalawa (Ocean Defenders)). Photos.

MAJPM ^{132 lbs} Brought to shore 5-12-11
Loaded Turtle into Carrier from TANK A
KRF. Shipped by Aloha Air Cargo to Kahului.
G.R. Morris & Wendy Marks. Released
7:15 pm photos

Released
8.3 lb tumor on the head
removed by Bob Morris A2 5/13
5/19/2011 Friday
SCH 84.5 CCL 90.0
148.1 lbs - 8.3



(New pits LH 46021A Ø95L
RH 46Ø24Ø154R

new MT 703 2nd L lat
4th R lat

NICK NAME = HEARTY from Heartbreak
TO HEARTY

134
END

from
p. 132

Revised 01/17/03

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

SEA TURTLE TAGGING FORM

Held in quarantine
Tank to protect
tail and neck from
bites
SLP captive
Bred

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

MOC	JULY 17/08
PERSON RECORDING DATA: PB	

TUMOR SCORE

ORAL TMRS EXT:
YES OR NO

EMACIATION CODE

OLD TAGS:

3rd lat
RH

MT #6
ALAMEA
MT#

NEW TAGS:

460755066E
460167246E

STRAIGHT CARAPACE - LENGTH:

50.7 cm

WIDTH: 31.1 cm

NOTCH LENGTH:

30.3 cm

DB: L.O.

VB: L.O.

CURVED CARAPACE LENGTH:

55.0 cm

WIDTH: 49.0 cm

HEAD WIDTH:

cm

LAT 1 22.7 cm

LATERAL: 20.2 cm

PPS: YES OR NO OR NE

YES

LAT 3 16.3

SEX: Male, Female or Undetermined

TAIL LENGTH: T

12.5 cm

C 7.0 cm

RIGHT FRONT FLIPPER WIDTH:

cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

41.8 cm

WEIGHT:

47.5 lbs

GLUCOSE:

GB MR

DESCRIPTIVE REMARKS:

AFF 54 hole
from old.

--	--	--

220.5
17m

Size #1 TAG

Maui photo-

Surgery saves sea turtle with tumor

6/22/11

BY GARY T. KUBOTA
gkubota@staradvertiser.com

Oriana Kalama said she noticed a green sea turtle with a huge tumor while diving in waters off Makena in south Maui about eight months ago and knew it would eventually die without help.

"I took pictures of it, thinking we need to bring this to the public's eye," she said. Eight months later, the turtle who has been called Heartbreak returned to the water and his home Thursday after an 8½-pound tumor was removed during surgery.

Kalama, who had begun a

grass-roots group called Ocean Defender Hawaii about a year ago, said she posted the photographs of Heartbreak on her group's Facebook page last month, and the response was tremendous from her more than 32,000 followers.

"I got a lot of comment and a lot of attention," she said.

A medical team was dispatched May 12 after receiving a report that the turtle with a large tumor was sick and on the beach at Makena.

Kalama said she worked with University of Hawaii-Maui College lecturer Donna Brown, who was in contact with the medical team, and

federal sea turtle biologist George Balazs in Honolulu about helping Heartbreak. Kalama said the sea turtle was skinny.

"He was sluggish," she said.

The turtle was flown to Honolulu, where veterinarian Dr. Robert Morris performed the successful surgery.

Balazs, who works at the National Oceanic and Atmospheric Administration's Pacific Islands Fisheries Science Center, said the surgery to remove the tumor was only the second he's known in the past nine years in Hawaii.

He said some turtles have

multiple tumors that are inoperable because of their location and are euthanized.

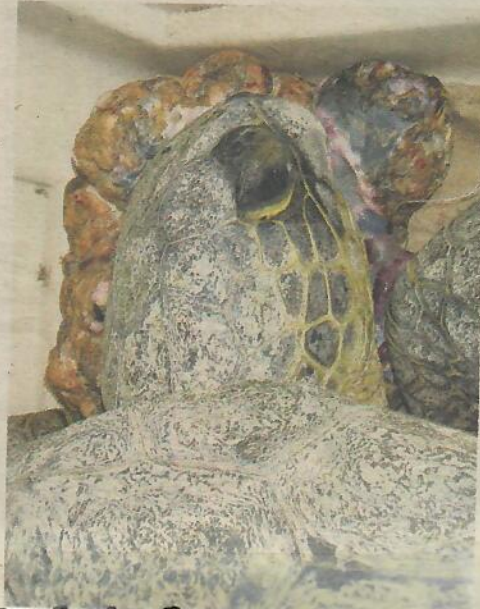
But Heartbreak had a single tumor with a narrow stem attached to its head.

Balazs said he doesn't want to encourage people to rescue sea turtles.

Under federal law, Hawaiian green sea turtles are a threatened species and cannot be hunted, captured, or harassed.

Kalama said Heartbreak had a hole in his neck after the surgery but otherwise seemed well when he returned to the water.

"He was frisky," she said. "He seemed in really good spirits."



COURTESY NOAA PACIFIC ISLANDS FISHERIES SCIENCE CENTER

A male green sea turtle known as Heartbreak was returned to waters off Makena, Maui, after a medical team removed an 8½-pound tumor, seen above.

See P. 137

50

135

July 16, 2008 Wednesday

Age 48
July 16

HA 4:50 pm cancelled 5:00 pm
to Maui arrive 6 PM - Bag didn't make

Lecture at Sanctuary ~ 4:00 PM Start.
~ 9:15 pm end. Drove to Hanalei / Fleming
overnight w/ Peter and URSULA. DAY TIME FEELING
PP: 11:00 AM: NOT THIS YET!

17 July 08 TO Airport picked up luggage
Thursday TO WAILEA end WAILEA
- Skipped phone/call - SUPER SUCKER working killer by Maui

walked beach no sign of tracks/nesting
Didn't go to WAILEA. Flat the Wendy's.

TO Sanctuary - dropped off reports.
TO 5690 / 5th nesting site (night of 7/15/08)

18 JULY 08 FRIDAY EMAIL MORNING - Dutton discussion about
Friday's genetic papers (proofs) w/ workshop.

Peter email from Keith Leber had marked
The Book of Hawaii advance published copy.
Received ~ 12:30 pm. Photos of the 3 of us
TO FLEMING, HONOLULU BAY, PINEAPPLE HILL RESTAURANT

of site of Fleming's TOP DOWN
7/17/08 TO MOC - PIT Tagged, weighed,
measured 6 Turtles.

voice from Cheryl King - been on
MAIL KATHOLAWA 2 week awaiting
hatch of g. to nest.

DONNA BROWN cliff front home.
S-TURN beach Depart 7:45 AM!

7/18/08 HA 12:35 TO Honolulu ~ 6:50 pm

AUGUST HONOKOWAI, MAUI

(137)

20-22^{saturday}, 2009
Thursday

Depart 345pm GO TO KAHULUI

OBJECTIVE: CAPTURE and SATELLITE TAG Adult TURTLE(S) FORAGING close to SHORE presumably from Bennetts' OHANA.

Thursday
Nearshore foraging by turtles earlier in day only started last year - more pronounced this year, however.

National rental car - drove to Honokowai
Checked in Room (Apt. 304) next door to Bennetts. Arrive ~ 6pm. Saw large turtle close to sand ~ 744pm. Others earlier, at "wall" offshore, and flat limestone inside well but farther from beach. Large female back about 930pm - went behind right limestone patch and rested - back bare at low tide - scanned - no tags.
Turtle departed possibly from our presence and minimal light use.

Released at 2115h (139)
8/21/09 Friday

Revised 08/21/07

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Pacific Islands Fisheries Science Center
Marine Turtle Research Program
2570 Dole Street
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832 PM
Done Fiberglass

DATE FORM FILLED OUT: 8/21/09
SEA TURTLE TAGGING FORM

NET ~ 10M
close to shore

CAPTURE DATE, LOCATION AND METHOD:

8/21/09 Friday NOTTONAWI,
PERSON RECORDING DATA: GHB HONOKOWAI TELONICS

TUMOR SCORE

0

ORAL TMR:
YES OR

—

EMACIATIO

0

OLD TAGS:

452A561768



4526493F3F

NEW TAGS:

RHF

LHF

23069

TELONICS #53579

NOT A TAG NO.

STRAIGHT CARAPACE - LENGTH:

84.5 cm

WIDTH:

66.4 cm

NOTCH LENGTH:

84.0 cm

DB:

0

L.O.

VB:

0

L.O.

CURVED CARAPACE LENGTH:

91.5 cm

WIDTH:

86.0 cm

HEAD WIDTH:

12.2 cm

LATERAL1:

— cm

LATERAL2:

— cm

PPS: YES OR NO OR NE

—

LATERAL3:

— cm

SEX: Male, Female or Undetermined

F

TAIL LENGTH: T

— cm

C

— cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

— cm

PLASTRON LENGTH:

— cm

WEIGHT:

165 227.0 = 227.0 lbs

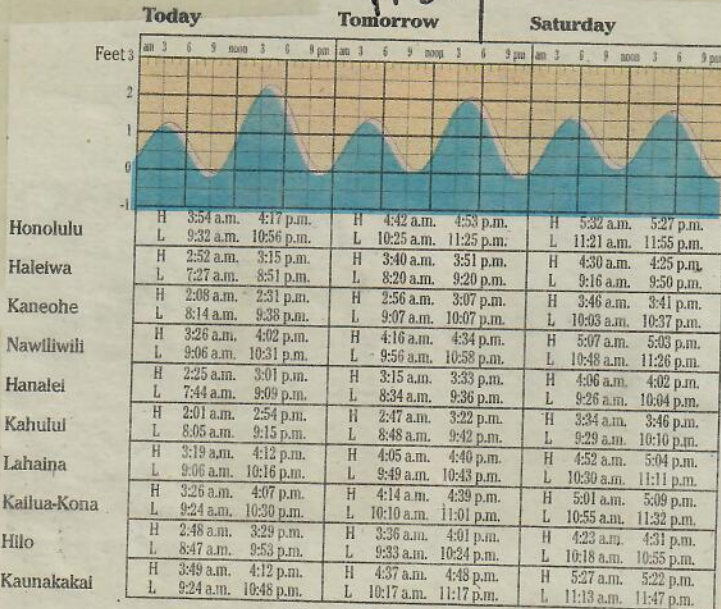
DESCRIPTIVE REMARKS:

19.5
227.0 PCA

236.5
19.5
227.0 tagging.xls

TIDES ACROSS THE STATE

8/21/09
Friday



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Marine Turtle Research Program
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END (141)

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT Friday 8/21/09

NET

CAPTURE DATE, LOCATION AND METHOD:

8/21/09 Captured around 1600hrs.
Honkawai w/ fence net while feeding 10 meters
PERSON RECORDING DATA: Rice off shore

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

Empty boxes for old tags

NEW TAGS:

470C784F53

RHF



LHF

470D05756D



MT#

STRAIGHT CARAPACE - LENGTH: 78.7 cm WIDTH: 60.7 cm

NOTCH LENGTH: 78.5 cm DB: 0 L.O. VB: 0 L.O.

CURVED CARAPACE LENGTH: 84.5 cm WIDTH: 76.0 cm

HEAD WIDTH: 12.1 cm LATERAL1: — cm LATERAL2: — cm

PPS: YES OR NO OR NE — LATERAL3: — cm SEX: Male, Female or Undetermined M

TAIL LENGTH: T 29 cm C 19 cm

RIGHT FRONT FLIPPER WIDTH: — cm

PLASTRON LENGTH: — cm

WEIGHT: 172.3 # 191.5
lbs -19.2

DESCRIPTIVE REMARKS: 172.3

MARKING MADE

SAMPLES COLLECTED:

142
0 of 5
see p. 23-26

Revised 08/21/07

NOAA Fisheries
Pacific Islands Fisheries Science Center
Marine Turtle Research Program
2570 Dole Street
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Handwritten signature

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT

CAPTURE DATE, LOCATION AND METHOD:

8/25/2011 Maui Ocean Center
SCP captive release
KAAWAPALI BEACH HOTEL

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

—

EMACIATION CODE

0

OLD TAGS:

←
←
3rd LAT. Left MT (1)

NEW TAGS:

RHF 4601766833
LHF 460800217F

STRAIGHT CARAPACE - LENGTH:

44.2 cm

WIDTH: 35.4 cm

NOTCH LENGTH: 44.1 cm

DB: 0 L.O.

VB: 0 L.O.

CURVED CARAPACE LENGTH:

47.5 cm

WIDTH: 41.5 cm

HEAD WIDTH: — cm

LATERAL1: — cm

LATERAL2: — cm

PPS: YES OR NO OR NE —

LATERAL3: — cm

SEX: Male, Female or Undetermined U

TAIL LENGTH: T — cm

C — cm

RIGHT FRONT FLIPPER WIDTH: — cm

PLASTRON LENGTH: — cm

WEIGHT: 27.9 # 169

DESCRIPTIVE REMARKS:

Turtle released #32 from Moc

SAMPLES COLLECTED:

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

8/25/2011 MOC
SLP CAPTIVE Release
PERSON RECORDING DATA: KAAWAPALI BEACH HOTEL

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

46071B6370

46077F630A

NEW TAGS:

RHF

LHF

MT#

3rd lat left MT 2

STRAIGHT CARAPACE - LENGTH:

44.9 cm

WIDTH:

36.1 cm

NOTCH LENGTH:

44.7 cm

DB:

0

L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

48.0 cm

WIDTH:

41.5 cm

HEAD WIDTH:

- cm

LATERAL1:

- cm

LATERAL2:

- cm

PPS: YES OR NO OR NE

-

LATERAL3:

- cm

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

- cm

C

- cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

- cm

WEIGHT:

29.2 #

DESCRIPTIVE REMARKS:

Turtle released #33 fr. MOC

144
3 of 5

Revised 08/21/07

NOAA Fisheries
Pacific Islands Fisheries Science Center
Marine Turtle Research Program
2570 Dole Street
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

8/25/2011 MOC SLP captive release
KAANAPALI Beach
Hotel

PERSON RECORDING DATA:

TUMOR SCORE	OLD TAGS:	NEW TAGS:
<input type="checkbox"/> 0	4602591750	RHF
ORAL TMRS EXT: YES OR NO	46016F0337	LHF
<input type="checkbox"/> —		
EMACIATION CODE		
<input type="checkbox"/> 0	3rd lateral left MT	3
MT#		

STRAIGHT CARAPACE LENGTH: 44.0 cm WIDTH: 30.3 cm

NOTCH LENGTH: 43.6 cm DB: 0 L.O. VB: 0 L.O.

CURVED CARAPACE LENGTH: 47.0 cm WIDTH: 42 cm

HEAD WIDTH: — cm LATERAL1: — cm LATERAL2: — cm

PPS: YES OR NO OR NE — cm LATERAL3: — cm SEX: Male, Female or Undetermined U

TAIL LENGTH: T — cm C — cm

RIGHT FRONT FLIPPER WIDTH: — cm

PLASTRON LENGTH: — cm

WEIGHT: 29 #

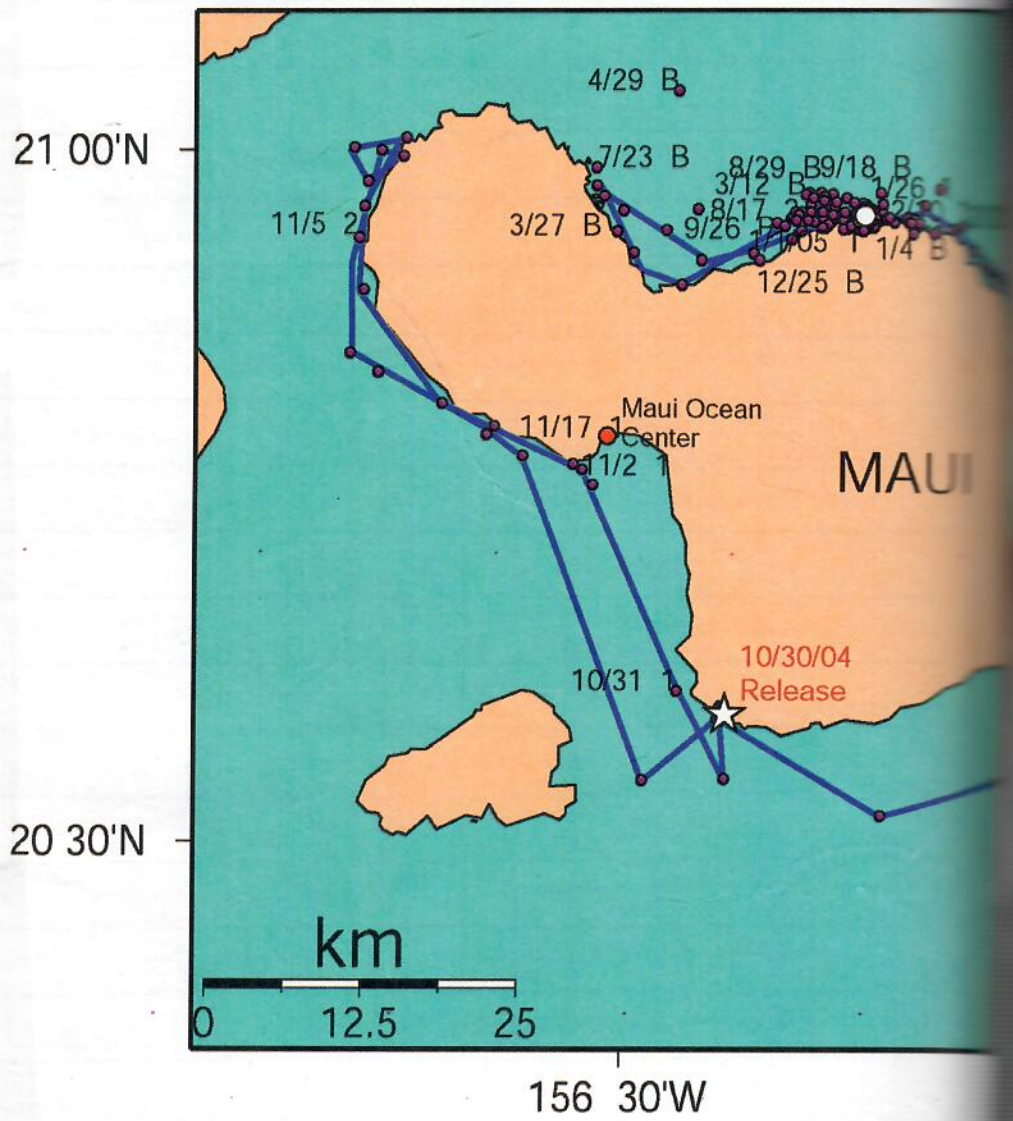
DESCRIPTIVE REMARKS:
Turtle released # 34 from MOC

Date: Thu, 20 Aug 2009 02:51:22 -0700 (PDT)
From: MISSISSAUGA WATCH <mississauga_watch@yahoo.com>
To: George H. Balazs <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: when is...

August 28th.

Zeus showed for the first and only time one summer on his birthday.
This time he showed up early so Peter's hoping for Tutu.

2004-2005 Movement of SLP hatched, MA
ST-24 Duty cycle: 12 hrs on, 48 hrs off
Date Deployed: 10/30/04
Distance Traveled: 407 km



147

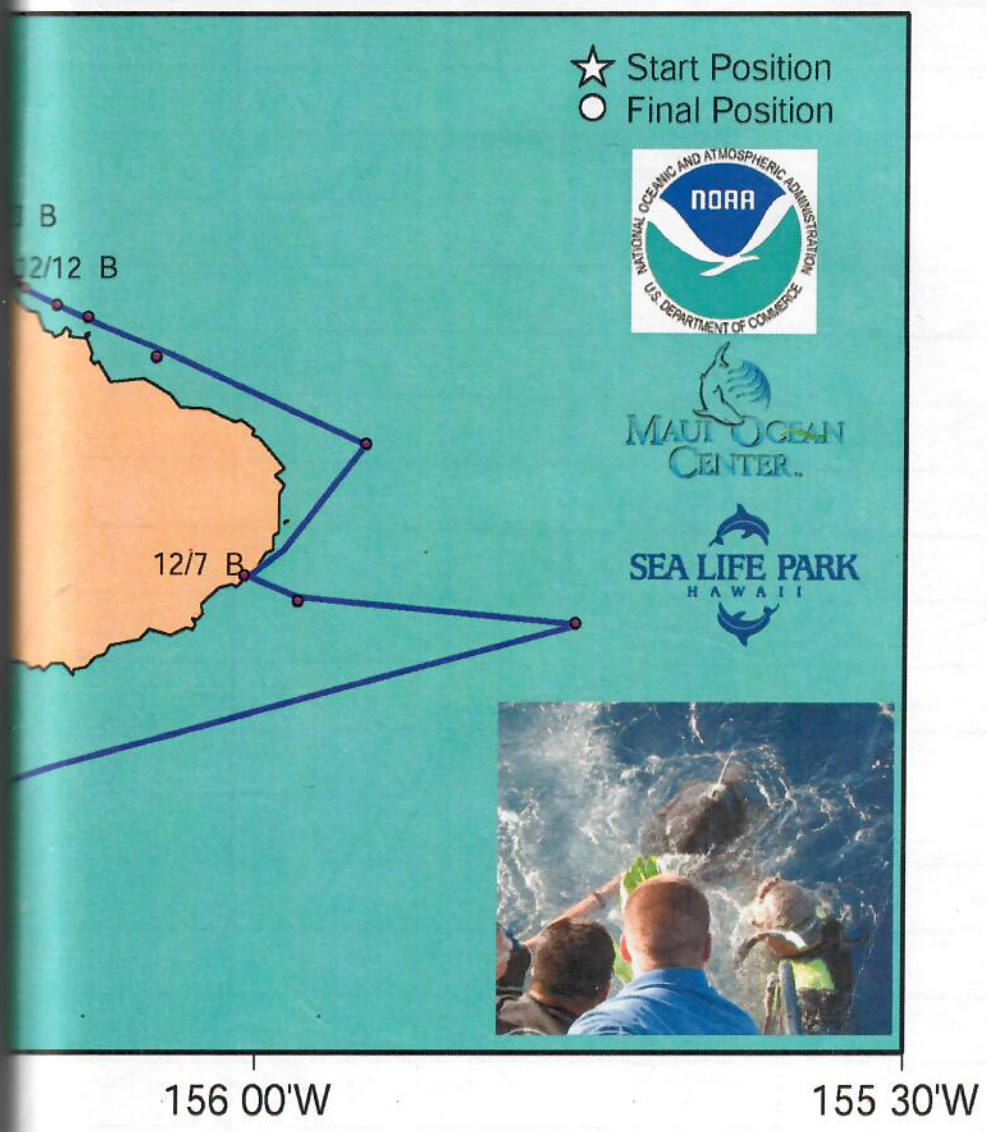
FINAL Map:

OC captive-reared Green turtle 22279, KupuAloha

SCL: 56.8 cm Age at Release: 4 Years

Days to last Transmission: 331 days

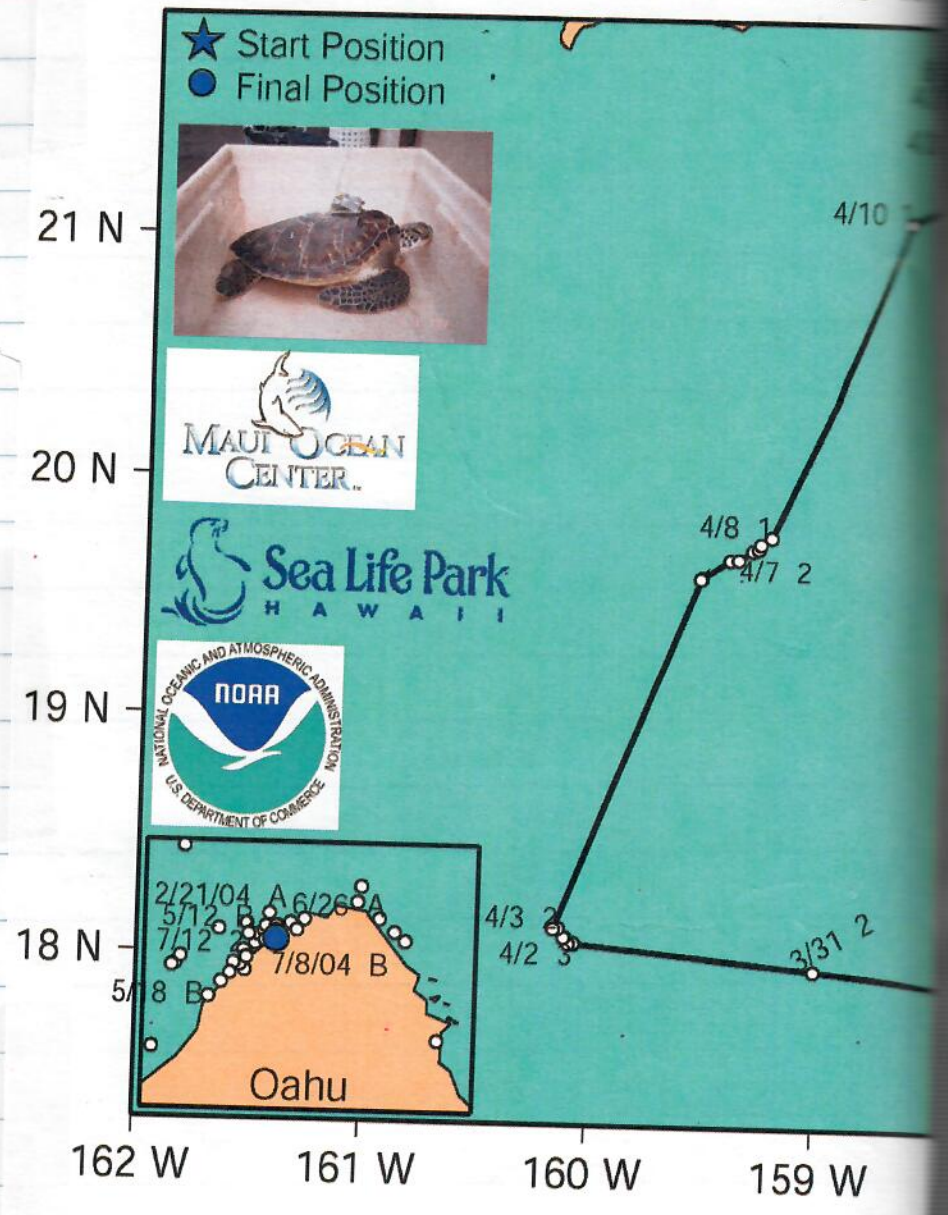
Mean Speed of Travel: 0.3 km/hr



GMT Map by Denise Parker 05/26/06

941

2003-2004 Movement of juvenile Sea
reared and released from Maui O
Hatched September 2
ST-19 Duty cycle: 12 hrs on, 48 hrs of
Distance Traveled: 1418 km



Final Map:

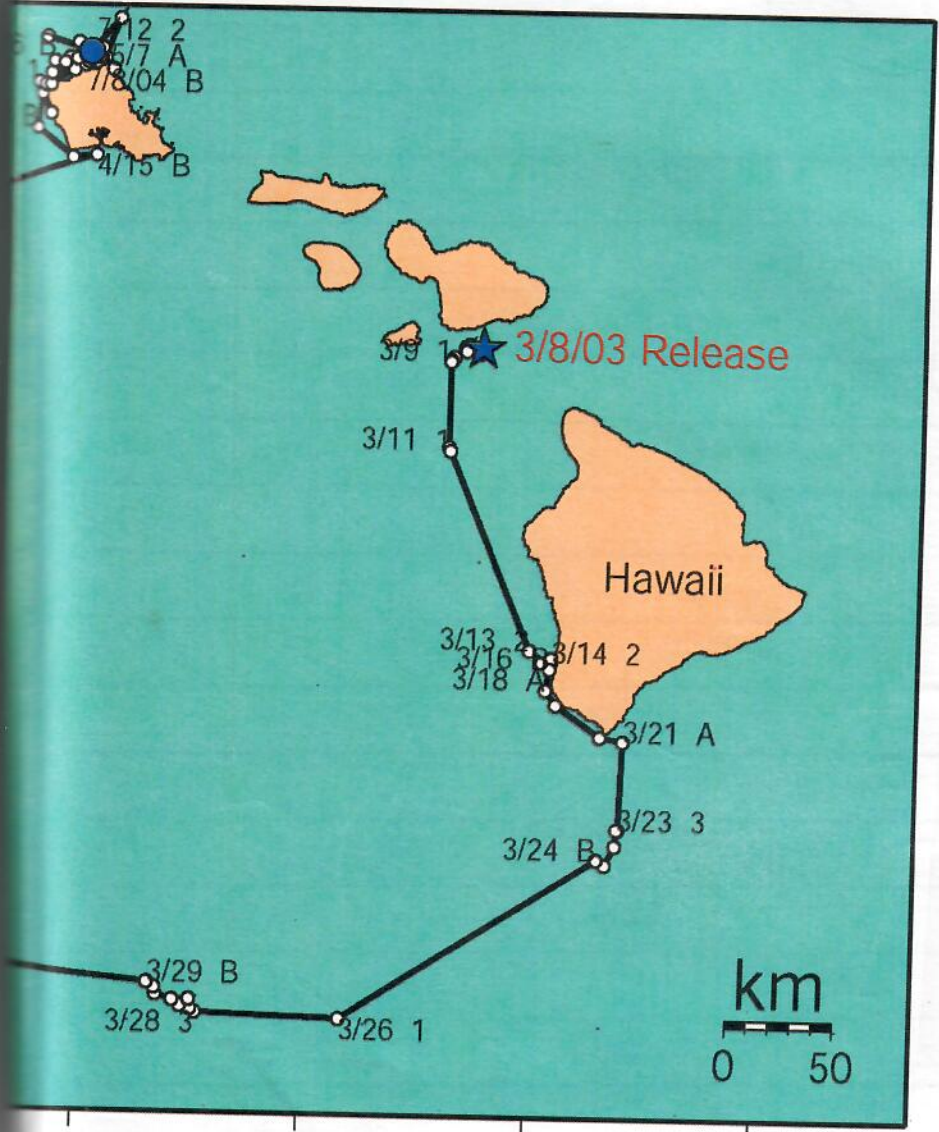
Life Park captive-hatched green turtle, Nakine

Ocean Center March 8, 2003, Argos 19603

00, Age at Release 2.5 years

SCL: 46.2 cm Days Transmitting: 488 days

Mean Speed of Travel: 1.1 km/hr



158 W 157 W 156 W 155 W

GMT Map by Denise Parker 11/20/04

150

Revised 08/21/07
4 of 5

NOAA Fisheries
Pacific Islands Fisheries Science Center
Marine Turtle Research Program
2570 Dole Street
Honolulu, HI 96822-2396

~~NOAA~~
POSTED
2/20/10

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT / /

CAPTURE DATE, LOCATION AND METHOD:

8/25/2011 MOC SLP Captive Release
KAAHAPALI BEACH HOTEL

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

4602006C4B

4607550806

NEW TAGS:

RHF

LHF

MT#

3rd lateral left MT (4)

STRAIGHT CARAPACE - LENGTH:

44.5 cm

WIDTH:

35.9 cm

NOTCH LENGTH:

44.3 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

47.0 cm

WIDTH:

41.5 cm

HEAD WIDTH:

- cm

LATERAL1:

- cm

LATERAL2:

cm

PPS: YES OR NO OR NE

-

LATERAL3:

- cm

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

- cm

C

- cm

RIGHT FRONT FLIPPER WIDTH:

- cm

SAMPLES COLLECTED:

PLASTRON LENGTH:

- cm

WEIGHT:

28.8 #

DESCRIPTIVE REMARKS:

3rd lateral left; molted (dremmeled)
35th turtle released from MOC

5 of 5
Revised 08/21/07

END

(151)

NOAA Fisheries
Pacific Islands Fisheries Science Center
Marine Turtle Research Program
2570 Dole Street
Honolulu, HI 96822-2396

Handwritten signature

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT

CAPTURE DATE, LOCATION AND METHOD:

8/25/2011 MOC SLP captive
release KAAWAPALI BEACH HOTEL

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

4608155C3F

4607440D47

NEW TAGS:

RHF

LHF

MT#

3rd Lateral left MT (5)

STRAIGHT CARAPACE - LENGTH:

41.4 cm

WIDTH:

33.9 cm

NOTCH LENGTH:

41.1 cm

DB:

0 L.O.

VB:

0 L.O.

CURVED CARAPACE LENGTH:

44 cm

WIDTH:

39 cm

HEAD WIDTH:

- cm

LATERAL1:

- cm

LATERAL2:

- cm

PPS: YES OR NO OR NE

-

LATERAL3:

- cm

SEX: Male, Female or Undetermined

U

TAIL LENGTH: T

- cm

C

- cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

- cm

PLASTRON LENGTH:

- cm

WEIGHT:

24.1 #

DESCRIPTIVE REMARKS:

Turtle released #36 from MOC ☺