

1

v022120

# MTBAP DATA FORM

Basking In-water

Event ID (database): \_\_\_\_\_  
Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: LH 209

Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Hannu Minakami

Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI

Island/Atoll: HAWA

Area: Kahe Site: Zouga A

Garmin ID (last 4 digits): \_\_\_\_\_

LAT(dd): 19.671681

Water Temp: 27 °C Air Temp: 27 °C

GPS Waypoint #: \_\_\_\_\_

LONG(dd): -156.026142

Water Depth: 1 m

Straight Carapace Length (SCL): 55.5 cm  
 Straight Carapace Width (SCW): 44.7 cm  
 Curved Carapace Length (CCL): 60.0 cm  
 Curved Carapace Width (CCW): 55.0 cm  
 Plastron Straight Length (PSL): 44.0 cm  
 Total Tail Length: 13.0 cm  
 Tail length (Plastron to Cloaca): 9.0 cm  
 Mass: 23.3 kg

SAMPLES COLLECTED? None Skin Scute Tumor Blood Diet  
 FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_  
 Label each vial with **sample type** and attach **left PIT tag ID sticker**. Without a sticker, label sample type, date, flipper tag #, location, and species.  
 # of Skin Vials 2 Skin Location L & R shoulder  
 # of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_  
 # of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_  
 Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_  
 Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)  
 Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

**LH 4B1C4B6C40 RH 4B0B3F5C42**

LH New

RH New

(Affix new LH PIT tag ID label here)

(Affix new RH PIT tag ID label here)

Location	Status	PIT/Metal Flipper Tag #								
		1	2	3	4	5	6	7	8	9
LH	New									
LH	Old	4	B	1	C	4	B	0	C	9
RH	Old	4	B	0	B	3	F	5	C	9
LH	New	P	1	6	0	4	6			
RH	New	P	1	6	0	7	7			
RH	Old	98200	0	3	1	2	3	4	5	6

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)  
 Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek  
 Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_  
 Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

### Pre-release Checklist

- \_\_\_\_ Turtle # of day/Mototool # applied to carapace
- \_\_\_\_ Turtle ID (# of day/mototool, metal, PIT recorded)
- \_\_\_\_ Measurements recorded
- \_\_\_\_ Samples collected
- \_\_\_\_ Oxytet. injection
- \_\_\_\_ Photos
- \_\_\_\_ Sat tag PTT ID recorded, switched ON
- \_\_\_\_ Epoxy/Paint are dry
- \_\_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
- \_\_\_\_ Location of capture/release recorded

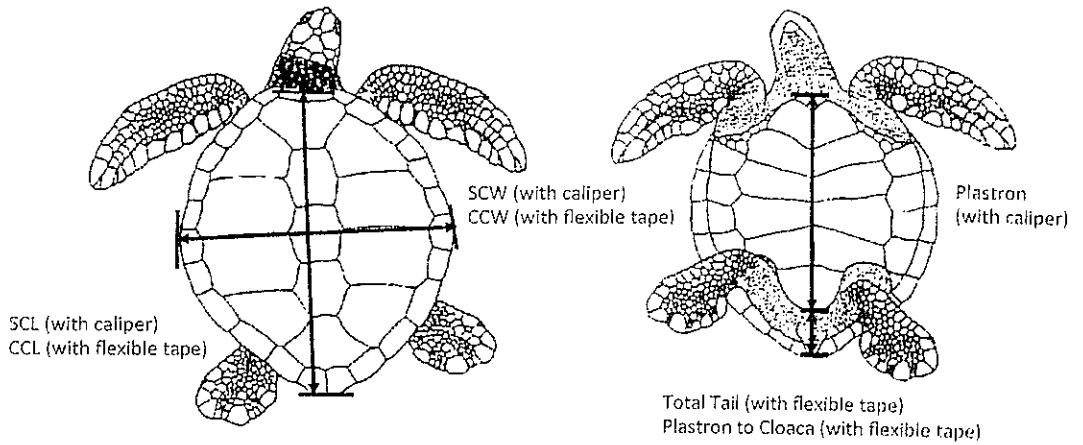
### Release Time (24hr format): \_\_\_\_\_

Area: \_\_\_\_\_ Site: \_\_\_\_\_  
 Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_  
 LAT(dd): \_\_\_\_\_  
 LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

①

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound Lavage Laparoscopy

Tetracycline Injection Total: 2.4 ml  
Left Shoulder 1.2 ml Right Shoulder 1.2 ml

Comments:

28.8 kg with box <sup>were feeding</sup> algae in mouth zone 8  
 - 5.5  
 -----  
 23.3  
 OTC = 2.4 ml (1.2 ml each)  
 facial photo taken

Important Data. If found, please return to Summer.Martin@noaa.gov or 308-725-5750. Thank you!

First captured 11/15/2013 - SCL = 43.9  
 7/16/23 - SCL = 55.5

# MTBAP DATA FORM

Basking  In-water

Event ID (database): \_\_\_\_\_

Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: HM210

Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Hornio

Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI Island/Atoll: HAWA Area: Kaho Site: Zone B

Garmin ID (last 4 digits): \_\_\_\_\_ LAT(ddd): \_\_\_\_\_ Water Temp: \_\_\_\_\_ °C Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_ LONG(ddd): \_\_\_\_\_ Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 56.0 cm

Straight Carapace Width (SCW): 42.1 cm

Curved Carapace Length (CCL): 60.0 cm

Curved Carapace Width (CCW): 51.0 cm

Plastron Straight Length (PSL): 46.2 cm

Total Tail Length: 12.5 cm

Tail length (Plastron to Cloaca): 8.5 cm

Mass: 21.5 ~~20.5~~ kg

SAMPLES COLLECTED? None  Skin Scute Tumor Blood Diet

FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_

Label each vial with sample type and attach left PIT tag ID sticker. Without a sticker, label sample type, date, flipper tag #, location, and species.

# of Skin Vials 2 Skin Location L & R shoulder

# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_

# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_

Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_

Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)

Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Ty)

Decimal: 982.000364290351

Decimal: 982.000167840443

Hexadecimal: 3D6.0015B6A12F

Hexadecimal: 3D6.000A010ABB

\_\_\_ LH New

RH

New

### PIT/Metal Flipper

LH	New																		
C	New	P	1	6	0	7	9												
R	New	P	1	6	0	7	8												
RH	Old	98200	0	3	1	2	3	4	5	6	7	8							

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)

Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek

Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_

Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

- Pre-release Checklist**
- \_\_\_ Turtle # of day/Mototool # applied to carapace
  - \_\_\_ Turtle ID (# of day/mototool, metal, PIT recorded)
  - \_\_\_ Measurements recorded
  - \_\_\_ Samples collected
  - \_\_\_ Oxytet. injection
  - \_\_\_ Photos
  - \_\_\_ Sat tag PTT ID recorded, switched ON
  - \_\_\_ Epoxy/Paint are dry
  - \_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
  - \_\_\_ Location of capture/release recorded.

Release Time (24hr format): \_\_\_\_\_

Area: \_\_\_\_\_ Site: \_\_\_\_\_

Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

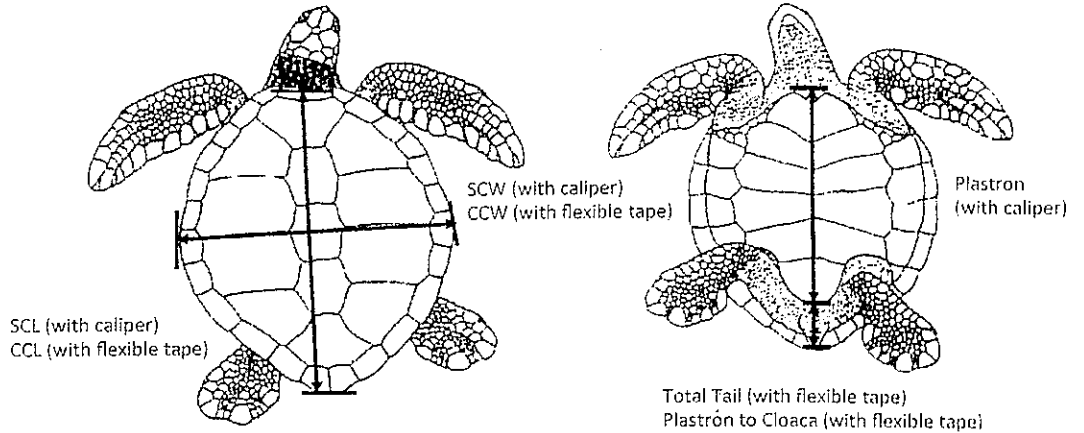
LAT(ddd): \_\_\_\_\_

LONG(ddd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

2

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound Lavage Laparoscopy

Tetracycline Injection Total: 2.5 ml  
Left Shoulder 1.25 ml Right Shoulder 1.25 ml

Comments: 
$$\begin{array}{r} 25.6 \\ - 5.5 \\ \hline 20.1 \end{array}$$
 
$$\begin{array}{r} 6.10 \\ 27 \\ - 5.5 \\ \hline 21.5 \end{array}$$
 facial photo taken  
OTC = 2.5ml (1.25 each)

Important Data. If found, please return to Summer.Martin@noaa.gov or 308-725-5750 Thank You!

# MTBAP DATA FORM

Basking

In-water

Event ID (database): \_\_\_\_\_

Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL # HA 211 ~~HA 165~~

Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Haruno

Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI

Island/Atoll: HAWA

Area: Kaho

Site: Zone 8

Garmin ID (last 4 digits): \_\_\_\_\_

LAT(ddd): \_\_\_\_\_

Water Temp: \_\_\_\_\_ °C

Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_

LONG(ddd): \_\_\_\_\_

Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 58.5 cm

Straight Carapace Width (SCW): 45.5 cm

Curved Carapace Length (CCL): 63.0 cm

Curved Carapace Width (CCW): 54.5 cm

Plastron Straight Length (PSL): 47.5 cm

Total Tail Length: 13.0 cm

Tail length (Plastron to Cloaca): 8.5 cm

Mass: 26.9 kg

SAMPLES COLLECTED? None (Skj) Scute Tumor Blood Diet

FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_

Label each vial with **sample type** and attach left PIT tag ID sticker. Without a sticker, label sample type, date, flipper tag #, location, and species.

# of Skin Vials 2 Skin Location L&R shoulder

# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_

# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_

Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_

Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)

Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

		LH New				RH New						
(Affix new LH PIT tag ID label here)		(Affix new RH PIT tag ID label here)										
Location	Status	PIT/Metal Flipper Tag #										
		1	2	3	4	5	6	7	8			
LH	New	9	8	2	0	0	0	4	0	6	137	485
LH	Old											
RH	Old	9	8	2	0	0	0	4	0	6	092	454
RH	New	P	1	6	0	8	0					
RH	New	P	1	6	0	8	1					
RH	Old	98200	0	3	1	2	3	4	5	6	7	8

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)

Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek

Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_

Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

### Pre-release Checklist

- \_\_\_\_ Turtle # of day/Mototool # applied to carapace
- \_\_\_\_ Turtle ID (# of day/mototool, metal PIT recorded)
- \_\_\_\_ Measurements recorded
- \_\_\_\_ Samples collected
- \_\_\_\_ Oxytet. injection
- \_\_\_\_ Photos
- \_\_\_\_ Sat tag PTT ID recorded, switched ON
- \_\_\_\_ Epoxy/Paint are dry
- \_\_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
- \_\_\_\_ Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_

Area: \_\_\_\_\_ Site: \_\_\_\_\_

Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

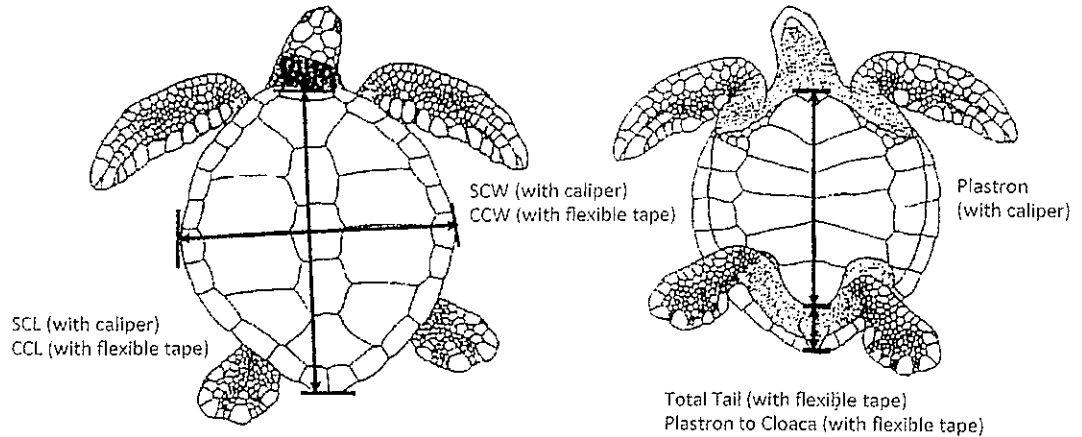
LAT(ddd): \_\_\_\_\_

LONG(ddd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

3

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound Lavage Laparoscopy

Tetracycline Injection Total:  $\frac{2.8}{2.7}$  ml  
Left Shoulder 1.4 ml Right Shoulder 1.4 ml

Comments:

$\begin{matrix} 2 & 1 & 10 \\ 32.4 \\ - 5.5 \\ \hline 26.9 \end{matrix}$

old modle 165 facial photo taken

algae in mouth

First captured 11/1/18 = SCL = 54.7  
9/26/23 SCL = 58.5

Important Data. If found, please return to Summer.Martin@noaa.gov or 308-725-5750 Thank You!

# MTBAP DATA FORM

Basking  In-water

Event ID (database): \_\_\_\_\_

Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: 4A153

Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M ♂

Observer Names/Initials: Hannuo

Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI

Island/Atoll: HAWA

Area: Kaho

Site: ZONE A

Garmin ID (last 4 digits): \_\_\_\_\_

LAT(dd): \_\_\_\_\_

Water Temp: \_\_\_\_\_ °C

Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Water Depth: \_\_\_\_\_ m

49.3  
46.6

Straight Carapace Length (SCL): 49.3 cm

Straight Carapace Width (SCW): 41.6 cm

Curved Carapace Length (CCL): 53.0 cm

Curved Carapace Width (CCW): 48.5 cm

Plastron Straight Length (PSL): 40.3 cm

Total Tail Length: 10.0 cm

Tail length (Plastron to Cloaca): 6.5 cm

Mass: 16.1 kg

SAMPLES COLLECTED?  None  Skin  Scute  Tumor  Blood  Diet

FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_

Label each vial with **sample type** and attach **left PIT tag ID sticker**. Without a sticker, label sample type, date, flipper tag #, location, and species.

# of Skin Vials \_\_\_\_\_ Skin Location \_\_\_\_\_

# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_

# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_

Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_

Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)

Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

LH New

RH New

(Affix new LH PIT tag ID label here)

(Affix new RH PIT tag ID label here)

Location	Status	PIT/Metal Flipper Tag #										
LH	New	4	C	3	B	4	3	7	9	6	A	9
RH	old	4	C	3	D	2	5	7	4	1	7	
RH	old	5	5	0	=	D						
LH	old	5	4	9	=	D						
RH	Old	98200	0	3	1	2	3	4	5	6	7	8

Tag Location: Right Front Flip

**LH549-D**

1, Right Hind (RH), Left Hind (LH)

Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NRG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)

Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek

Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_

Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

### Pre-release Checklist

- \_\_\_\_ Turtle # of day/Mototool # applied to carapace
- \_\_\_\_ Turtle ID (# of day/mototool, metal, PIT recorded)
- \_\_\_\_ Measurements recorded
- \_\_\_\_ Samples collected
- \_\_\_\_ Oxytet. injection
- \_\_\_\_ Photos
- \_\_\_\_ Sat tag PTT ID recorded, switched ON
- \_\_\_\_ Epoxy/Paint are dry
- \_\_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
- \_\_\_\_ Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_

Area: \_\_\_\_\_ Site: \_\_\_\_\_

Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

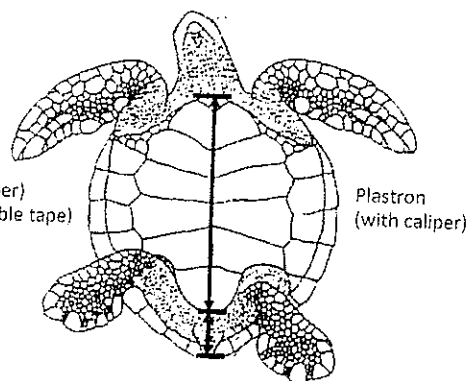
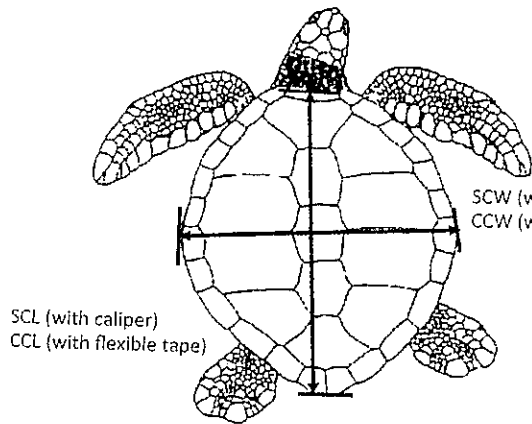
LAT(dd): \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

4

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound    Lavage    Laparoscopy

Tetracycline Injection Total: \_\_\_\_\_ mL

Left Shoulder: \_\_\_\_\_ mL    Right Shoulder: \_\_\_\_\_ mL

Comments: 
$$\begin{array}{r} 1^{st} \\ 21.6 \\ - 5.5 \\ \hline 16.1 \end{array}$$
 21.6 kg w/ box

OTC, skin previously done

facial photo taken

First captured 11/3/17 SCI = 46.8

9/26/23 SCI = 49.3

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750 Thank You!



# MTBAP DATA FORM

Basking  In-water

TURTLE # of Day / MOTOTOOL #: HA 154 Turtle ID (database): \_\_\_\_\_

Species (circle one):  Cm  Ei  Lo  Cc  Dc Sex (circle one): F M  U

Observer Names/Initials: Hanino Mura Kami Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI Island/Atoll: HAWA Area: Kaho Site: zone A

Garmin ID (last 4 digits): \_\_\_\_\_ LAT(ddd): \_\_\_\_\_ Water Temp: \_\_\_\_\_ °C Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_ LONG(ddd): \_\_\_\_\_ Water Depth: \_\_\_\_\_ m

52.5 — Straight Carapace Length (SCL): 53.0 cm  
Straight Carapace Width (SCW): 41.6 cm  
Curved Carapace Length (CCL): 56.5 cm  
Curved Carapace Width (CCW): 51.0 cm  
Plastron Straight Length (PSL): 43.7 cm  
Total Tail Length: 10.5 cm  
Tail length (Plastron to Cloaca): 6.5 cm  
Mass: 20.1 kg

SAMPLES COLLECTED?  None  Skin  Scute  Tumor  Blood  Diet  
FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_  
Label each vial with **sample type** and attach left PIT tag ID sticker. Without a sticker, label sample type, date, flipper tag #, location, and species.  
# of Skin Vials \_\_\_\_\_ Skin Location \_\_\_\_\_  
# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_  
# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_  
Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_  
Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)  
Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

		LH New				RH New			
(Affix new LH PIT tag ID label here)		(Affix new RH PIT tag ID label here)							
Location	Status	PIT/Metal Flipper Tag #							
LH	New	RH 593-D							
RH	Old	5	9	2	6	4	8	9	6
LH	Old	08200	0	3	6	4	9	0	4
RH	Old	98200	0	3	6	4	9	0	4
RH	Old	98200	0	3	1	2	3	4	5

Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)  
Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek  
Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_  
Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

### Pre-release Checklist

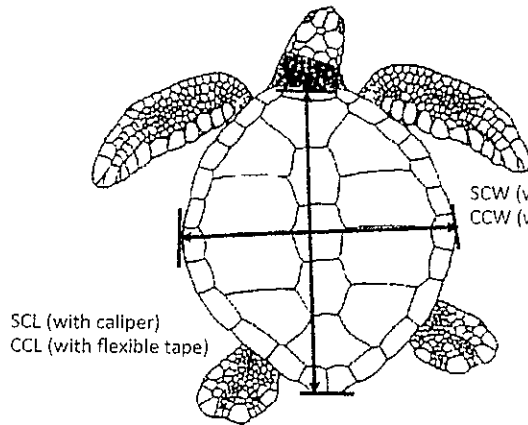
- Turtle # of day/Mototool # applied to carapace
- Turtle ID (# of day/mototool, metal, PIT recorded)
- Measurements recorded
- Samples collected
- Oxytet. injection
- Photos
- Sat tag PTT ID recorded, switched ON
- Epoxy/Paint are dry
- Check saltwater switches are clear - no epoxy, paint, or tape
- Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_  
Area: \_\_\_\_\_ Site: \_\_\_\_\_  
Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_  
LAT(ddd): \_\_\_\_\_  
LONG(ddd): \_\_\_\_\_

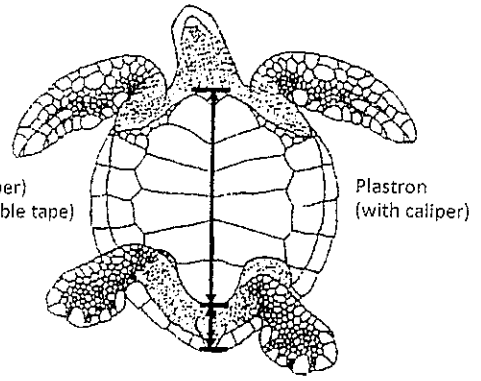
Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

5

Draw any abnormalities below:



SCW (with caliper)  
CCW (with flexible tape)



Total Tail (with flexible tape)  
Plastron to Cloaca (with flexible tape)

Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound Lavage Laparoscopy

Tetracycline Injection Total: \_\_\_\_\_ mL

Left Shoulder: \_\_\_\_\_ mL Right Shoulder: \_\_\_\_\_ mL

Comments: 25.6 kg w/ box

$$\begin{array}{r} 25.6 \\ - 5.5 \\ \hline 20.1 \end{array}$$

DTC, skin previously done

facial photo taken

Captured 9/28/16 SCL = 48.8  
9/26/23 " = 52.5

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank you!

# MTBAP DATA FORM

Basking In-water

Event ID (database): \_\_\_\_\_

Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: HA152

Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Haruna

Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI

Island/Atoll: HAWA

Area: Kaho

Site: Zona A

Garmin ID (last 4 digits): \_\_\_\_\_

LAT(dd): \_\_\_\_\_

Water Temp: \_\_\_\_\_ °C Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 53.3 cm

Straight Carapace Width (SCW): 44.2 cm

Curved Carapace Length (CCL): 57.5 cm

Curved Carapace Width (CCW): 51.5 cm

Plastron Straight Length (PSL): 42.5 cm

Total Tail Length: 10.5 cm

Tail length (Plastron to Cloaca): 6.5 cm

Mass: 20.9 kg

SAMPLES COLLECTED? None Skin Scute Tumor Blood Diet

FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_

Label each vial with **sample type** and attach **left PIT tag ID sticker**. Without a sticker, label sample type, date, flipper tag #, location, and species.

# of Skin Vials \_\_\_\_\_ Skin Location \_\_\_\_\_

# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_

# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_

Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_

Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)

Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

\_\_\_\_\_ LH New \_\_\_\_\_ RH New  
(Affix new LH PIT tag ID label here) (Affix new RH PIT tag ID label here)

Location	Status	PIT/Metal Flipper Tag #											
		1	2	3	4	5	6	7	8	9	0	1	2
LH	New	98200	0	1	6	7	8	2	8	9	0	7	
RH	Old	98200	0	4	0	6	1	3	6	2	6	1	
RH	Old	5	4	7	-	D							
LH	Old	5	4	8	-	D							
RH	Old	98200	0	3	1	2	3	4	5	6	7	8	

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)

Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek

Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_

Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

### Pre-release Checklist

- \_\_\_\_ Turtle # of day/Mototool # applied to carapace
- \_\_\_\_ Turtle ID (# of day/mototool, metal, PIT recorded)
- \_\_\_\_ Measurements recorded
- \_\_\_\_ Samples collected
- \_\_\_\_ Oxytet. injection
- \_\_\_\_ Photos
- \_\_\_\_ Sat tag PTT ID recorded, switched ON
- \_\_\_\_ Epoxy/Paint are dry
- \_\_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
- \_\_\_\_ Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_

Area: \_\_\_\_\_ Site: \_\_\_\_\_

Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

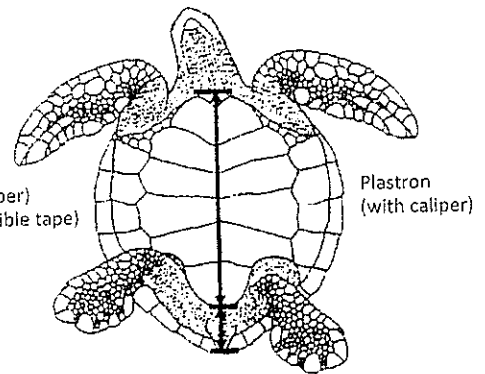
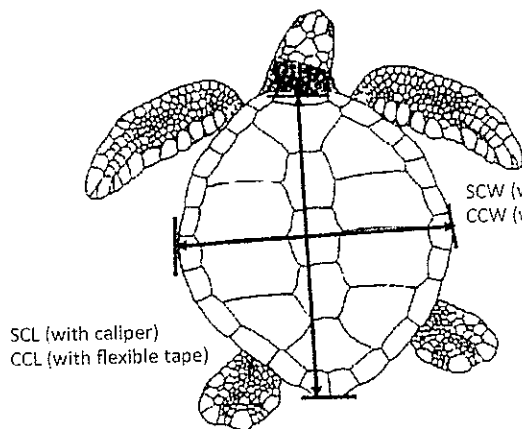
LAT(dd): \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

6

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound

Lavage

Laparoscopy

Tetracycline Injection Total: \_\_\_\_\_ mL

Left Shoulder: \_\_\_\_\_ mL Right Shoulder: \_\_\_\_\_ mL

Comments: 
$$\begin{array}{r} 5.10 \\ 26.4 \text{ w/ box} \\ - 5.5 \\ \hline 20.9 \end{array}$$

a large full ~~in~~ mouth

o/c, skin previously done

captured 11/1/18 SCL = 48.5  
9/26/23 " = 53.3

Important Data. If found, please return to Summer.Martini@noaa.gov or 308-725-5750. Thank you!

# MTBAP DATA FORM

Basking In-water

Event ID (database): \_\_\_\_\_

Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: HA 212 Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc Sex (circle one): F M U

Observer Names/Initials: Haruno Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI Island/Atoll: HAWA Area: Kaho Site: zone A



Garmin ID (last 4 digits): \_\_\_\_\_ LAT<sub>(dd)</sub>: \_\_\_\_\_ Water Temp: \_\_\_\_\_ °C Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_ LONG<sub>(dd)</sub>: \_\_\_\_\_ Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 51.6 cm  
 Straight Carapace Width (SCW): 41.0 cm  
 Curved Carapace Length (CCL): 56.0 cm  
 Curved Carapace Width (CCW): 48.0 cm  
 Plastron Straight Length (PSL): 40.9 cm  
 Total Tail Length: 11.5 cm  
 Tail length (Plastron to Cloaca): 7.5 cm  
 Mass: 19.3 kg

SAMPLES COLLECTED? None Skin Scute Tumor Blood Diet  
 FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_  
 Label each vial with **sample type** and attach **left PIT tag ID sticker**. Without a sticker, label sample type, date, flipper tag #, location, and species.  
 # of Skin Vials 2 Skin Location L/R shoulder  
 # of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_  
 # of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_  
 Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_  
 Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)  
 Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

Decimal:   
**982.000363932866**  
 Hexadecimal:   
**3D6.0015B12CC2**

Flipper Tags  
 Decimal:   
**982.000363953982**  
 Hexadecimal:   
**3D6.0015B17F3E**

		PIT/Me											
LH	New	P	1	6	0	9	4	P	1	9	9	9	9
CH	New	P	1	6	0	9	4	P	1	9	9	9	9
RH	New	P	1	6	0	9	5						
RH	Old	98200	0	3	1	2	3	4	5	6	7	8	

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)  
 Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek  
 Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_  
 Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

- Pre-release Checklist**
- \_\_\_\_ Turtle # of day/Mototool # applied to carapace
  - \_\_\_\_ Turtle ID (# of day/mototool, metal, PIT recorded)
  - \_\_\_\_ Measurements recorded
  - \_\_\_\_ Samples collected
  - \_\_\_\_ Oxytet. injection
  - \_\_\_\_ Photos
  - \_\_\_\_ Sat tag PTT ID recorded, switched ON
  - \_\_\_\_ Epoxy/Paint are dry
  - \_\_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
  - \_\_\_\_ Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_  
 Area: \_\_\_\_\_ Site: \_\_\_\_\_  
 Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_  
 LAT<sub>(dd)</sub>: \_\_\_\_\_  
 LONG<sub>(dd)</sub>: \_\_\_\_\_

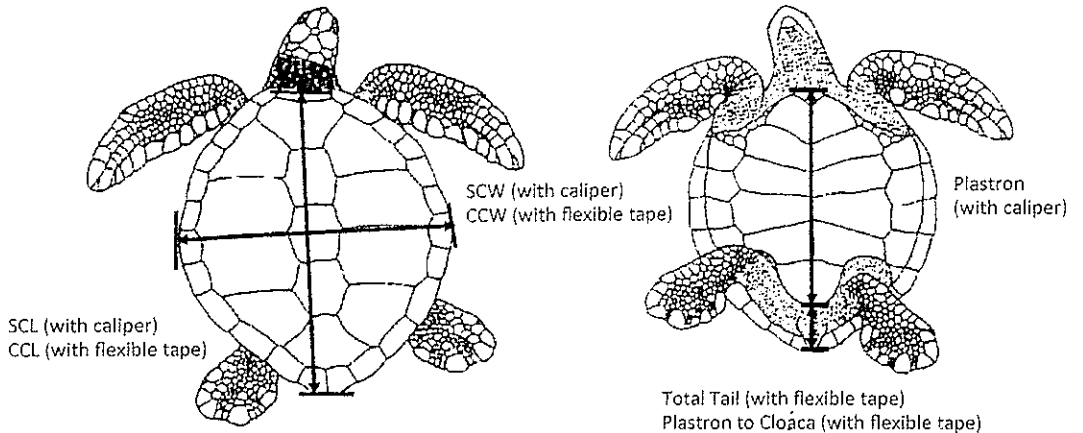
Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

n aliper)  
  
4

mL  
al

7

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one) 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound Lavage Laparoscopy

Tetracycline Injection Total: 1.9 mL

Left Shoulder: ~~0.45~~ mL Right Shoulder: 0.95 mL  
0.95

Comments: 24.8 w/box facial photo taken

$$\begin{array}{r} 0.9.5 \\ 2 \overline{) 1.9} \\ \underline{1.8} \\ 0.10 \end{array}$$

$$\begin{array}{r} - 5.5 \\ \hline 19.3 \end{array}$$

Important Data. If found, please return to Summer.Martin@noaa.gov or 308-725-5750. Thank You!

# MTBAP DATA FORM

Basking  In-water

Event ID (database): \_\_\_\_\_

Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: HA213

Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: \_\_\_\_\_

Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI Island/Atoll: HAWA Area: Faho Site: Zone A

Garmin ID (last 4 digits): \_\_\_\_\_ LAT(dd): \_\_\_\_\_ Water Temp: \_\_\_\_\_ °C Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_ LONG(dd): \_\_\_\_\_ Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 40.1 cm

Straight Carapace Width (SCW): 31.4 cm

Curved Carapace Length (CCL): 43.5 cm

Curved Carapace Width (CCW): 36.5 cm

Plastron Straight Length (PSL): 33.0 cm

Total Tail Length: 7.5 cm

Tail length (Plastron to Cloaca): 4.5 cm

Mass: 9.4 kg

SAMPLES COLLECTED? None  Scute Tumor Blood Diet

FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_

Label each vial with **sample type** and attach left PIT tag ID sticker. Without a sticker, label sample type, date, flipper tag #, location, and species.

# of Skin Vials 2 Skin Location L & R shoulder

# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_

# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_

Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_

Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)

Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

985113008316289

LH New

985113008316262

RH New

(Affix new LH PIT tag ID label here)

(Affix new RH PIT tag ID label here)

Location	Status	PIT/Metal Flipper Tag #										
LH	New											
LH	New	98511	3	0	0	8	3	1	6	2	8	9
LH	New	P	1	6	0	8	2					
RH	New	P	1	6	0	8	3					
RH	Old	98200	0	3	1	2	3	4	5	6	7	8

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotlemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDN) Acoustic (Sonic/VHF)

Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek

Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_

Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

### Pre-release Checklist

- Turtle # of day/Mototool # applied to carapace
- Turtle ID (# of day/mototool, metal, PIT recorded)
- Measurements recorded
- Samples collected
- Oxytet. injection
- Photos
- Sat tag PTT ID recorded, switched ON
- Epoxy/Paint are dry
- Check saltwater switches are clear - no epoxy, paint, or tape
- Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_

Area: \_\_\_\_\_ Site: \_\_\_\_\_

Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

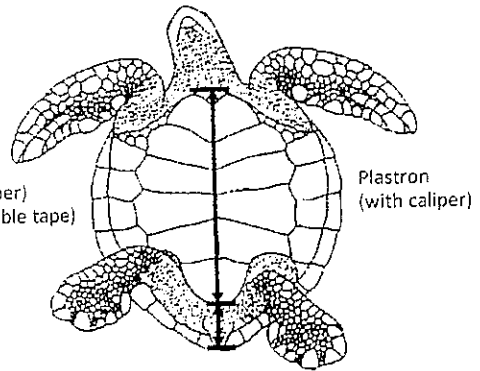
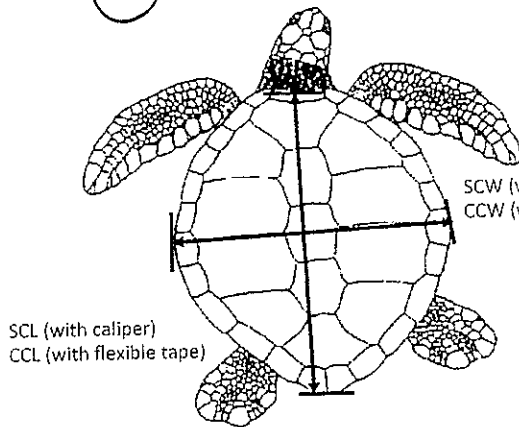
LAT(dd): \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

8

Draw any abnormalities below:



Total Tail (with flexible tape)  
Plastron to Cloaca (with flexible tape)

Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound    Lavage    Laparoscopy

Tetracycline Injection Total: 1 mL  
Left Shoulder: 0.5 mL Right Shoulder: 0.5 mL

Comments: feeding  
9.4kg w/o box

facial photo taken

2

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!



# MTBAP DATA FORM

Basking In-water

Event ID (database): \_\_\_\_\_  
Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: HA214

Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Haruo

Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI

Island/Atoll: HAWA

Area: Faho

Site: Zone A

Garmin ID (last 4 digits): \_\_\_\_\_

LAT(dd): \_\_\_\_\_

Water Temp: \_\_\_\_\_ °C

Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 57.9 cm  
 Straight Carapace Width (SCW): 46.2 cm  
 Curved Carapace Length (CCL): 62.0 cm  
 Curved Carapace Width (CCW): 55.5 cm  
 Plastron Straight Length (PSL): 48.3 cm  
 Total Tail Length: 12.0 cm  
 Tail length (Plastron to Cloaca): 7.5 cm  
 Mass: 29.1 kg

SAMPLES COLLECTED? None skip Scute Tumor Blood Diet  
 FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_  
 Label each vial with **sample type** and attach **left PIT tag ID sticker**. Without a sticker, label sample type, date, flipper tag #, location, and species.  
 # of Skin Vials 2 Skin Location L&R shoulder  
 # of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_  
 # of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_  
 Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_  
 Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)  
 Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

		LH New				RH New						
(Affix new LH PIT tag ID label here)		(Affix new RH PIT tag ID label here)										
Location	Status	PIT/Metal Flipper Tag #										
LH	New	4	C	3	C	5	E	4	4	3	0	9
LH	old	4	C	3	D	2	5	6	E	1	B	
RH	old	4	C	3	D	2	5	6	E	1	B	
LH	New	P	1	6	0	8	4					
RH	New	P	1	6	0	8	5					
RH	Old	98200	0	3	1	2	3	4	5	6	7	8

Tag Location: Right Front Flipper (RFI), Left Front Flipper (LFI), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (ADR) Acoustic (Sonic/VHF)  
 Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek  
 Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_  
 Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

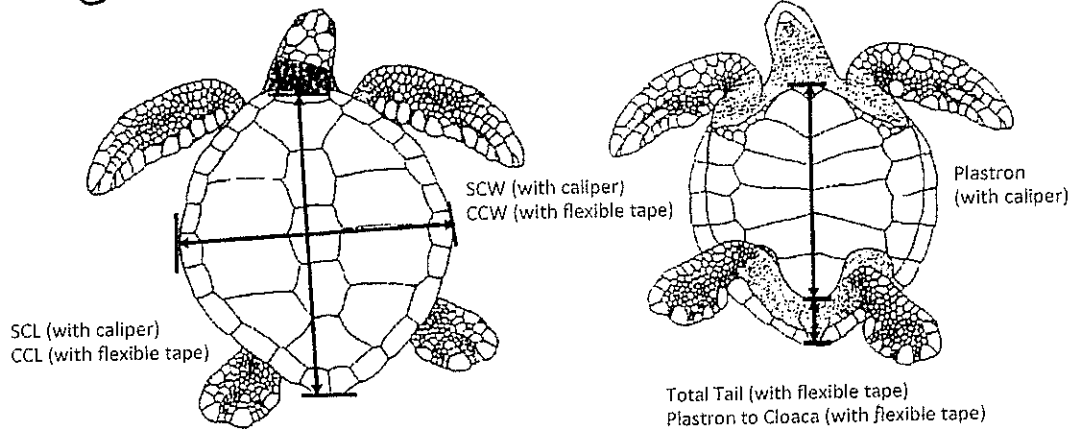
- Pre-release Checklist**
- \_\_\_\_ Turtle # of day/Mototool # applied to carapace
  - \_\_\_\_ Turtle ID (# of day/mototool, metal, PIT recorded)
  - \_\_\_\_ Measurements recorded
  - \_\_\_\_ Samples collected
  - \_\_\_\_ Oxytet. injection
  - \_\_\_\_ Photos
  - \_\_\_\_ Sat tag PTT ID recorded, switched ON
  - \_\_\_\_ Epoxy/Paint are dry
  - \_\_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
  - \_\_\_\_ Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_  
 Area: \_\_\_\_\_ Site: \_\_\_\_\_  
 Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_  
 LAT(dd): \_\_\_\_\_  
 LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

9

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one) 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound Lavage Laparoscopy

Tetracycline Injection Total: 2.8 mL  
Left Shoulder: 1.4 mL Right Shoulder: 1.4 mL

Comments:

previous photo mototool 141 facial photo = done  
 34.6 with box ~~alga~~ in mouth algae  
 - 5.5  
 29.1  
 Captured 11/3/17 scl = 54.4  
 9/26/23 scl = 57.9

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

# MTBAP DATA FORM

Basking

n-water

Event ID (database): \_\_\_\_\_

Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

FURTL # of Day / MOTOTOOL #: HA215

Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M W

Observer Names/Initials: Haruno

Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI

Island/Atoll: HAWA

Area: Kaho Site: zone A

Garmin ID (last 4 digits): \_\_\_\_\_

LAT(dd): \_\_\_\_\_

Water Temp: \_\_\_\_\_ °C Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 54.0 cm

Straight Carapace Width (SCW): 41.1 cm

Curved Carapace Length (CCL): 58.0 cm

Curved Carapace Width (CCW): 50.5 cm

Plastron Straight Length (PSL): 43.4 cm

Total Tail Length: 12.5 cm

Tail length (Plastron to Cloaca): 9.5 cm

Mass: 20.1 kg

SAMPLES COLLECTED? None Skin Scute Tumor Blood Diet

FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_

Label each vial with **sample type** and attach **left PIT tag ID sticker**. Without a sticker, label sample type, date, flipper tag #, location, and species.

# of Skin Vials 2 Skin Location L & R shoulder

# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_

# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_

Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_

Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)

Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

LH New

RH New

(Affix: new LH PIT tag ID label here)

(Affix: new RH PIT tag ID label here)

Location	Status	PIT/Metal Flipper Tag #								
		0	1	2	3	4	5	6	7	8
LH	New									
LH	Old	98200	0	4	0	6	1	3	7	8
RH	Old	98200	0	4	0	6	1	3	6	0
LH	New	P	1	6	0	8	6			
RH	New	P	1	6	0	8	7			
RH	Old	98200	0	3	1	2	3	4	5	6

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)

Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek

Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_

Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

### Pre-release Checklist

- \_\_\_\_ Turtle # of day/Mototool # applied to carapace
- \_\_\_\_ Turtle ID (# of day/mototool, metal, PIT recorded)
- \_\_\_\_ Measurements recorded
- \_\_\_\_ Samples collected
- \_\_\_\_ Oxytet. injection
- \_\_\_\_ Photos
- \_\_\_\_ Sat tag PTT ID recorded, switched ON
- \_\_\_\_ Epoxy/Paint are dry
- \_\_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
- \_\_\_\_ Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_

Area: \_\_\_\_\_ Site: \_\_\_\_\_

Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

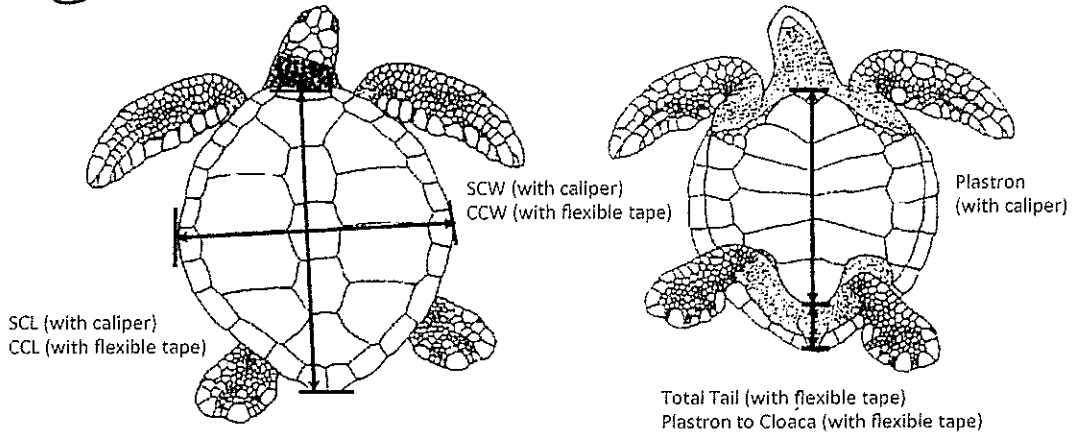
LAT(dd): \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

10

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound Lavage Laparoscopy

Tetracycline Injection Total: 2.3 mL

Left Shoulder: 6.15 mL Right Shoulder: 6.15 mL

Comments:

old Kaho metal tool 174

25.6 w/Box  
- 5.5  
20.1

facial photo taken

captured 11/1/18 sci = 53.4  
9/26/23 sci = 54.0

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

# MTBAP DATA FORM

Basking  In-water

Event ID (database): \_\_\_\_\_

Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

FURTLER # of Day / MOTOTOOL #: HA69

Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm  El  Lo  Cc  Dc

Sex (circle one): F  M

Observer Names/Initials: Haruno

Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI Island/Atoll: HAWA Area: Kaho Site: Zone B

Garmin ID (last 4 digits): \_\_\_\_\_ LAT(dd): \_\_\_\_\_ Water Temp: \_\_\_\_\_ °C Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_ LONG(dd): \_\_\_\_\_ Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 51.2 cm

Straight Carapace Width (SCW): 42.2 cm

Curved Carapace Length (CCL): 55.5 cm

Curved Carapace Width (CCW): 50.5 cm

Plastron Straight Length (PSL): 40.0 cm

Total Tail Length: 13.0 cm

Tail length (Plastron to Cloaca): 9.9 cm

Mass: 18.7 kg

SAMPLES COLLECTED?  None  Skin  Scute  Tumor  Blood  Diet

FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_

Label each vial with **sample type** and attach **left PIT tag ID sticker**. Without a sticker, label sample type, date, flipper tag #, location, and species.

# of Skin Vials \_\_\_\_\_ Skin Location \_\_\_\_\_

# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_

# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_

Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_

Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)

Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

LH New \_\_\_\_\_ RH New \_\_\_\_\_  
(Affix new LH PIT tag ID label here) (Affix new RH PIT tag ID label here)

Location	Status	PIT/Metal Flipper Tag #											
LH	New	98200	0	3	6	4	2	8	9	9	4	9	
LH	Old	98200	0	3	6	4	2	8	9	9	4	9	
RH	Old	98200	0	3	6	4	2	8	9	9	4	9	
LH	New	P	1	6	0	8	8						
RH	New	P	1	6	0	8	9						
RH	Old	98200	0	3	1	2	8	3	9	4	5	6	7

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)

Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek

Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_

Attachment Type (circle one): Two-part Epoxy  Fiberglass \_\_\_\_\_ (Other)

### Pre-release Checklist

- \_\_\_\_ Turtle # of day/Mototool # applied to carapace
- \_\_\_\_ Turtle ID (# of day/mototool, metal, PIT recorded)
- \_\_\_\_ Measurements recorded
- \_\_\_\_ Samples collected
- \_\_\_\_ Oxytet. injection
- \_\_\_\_ Photos
- \_\_\_\_ Sat tag PTT ID recorded, switched ON
- \_\_\_\_ Epoxy/Paint are dry
- \_\_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
- \_\_\_\_ Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_

Area: \_\_\_\_\_ Site: \_\_\_\_\_

Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

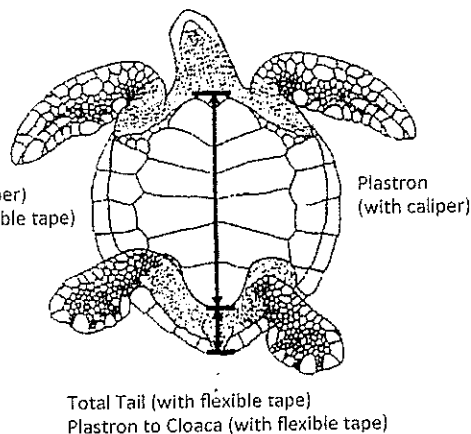
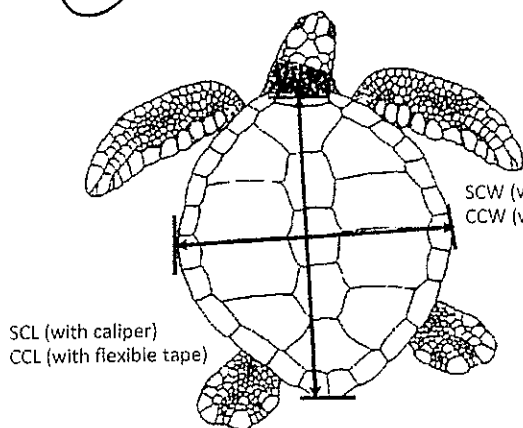
LAT(dd): \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

11

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 ① 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound    Lavage    Laparoscopy

Tetracycline Injection Total: \_\_\_\_\_ mL

Left Shoulder: \_\_\_\_\_ mL    Right Shoulder: \_\_\_\_\_ mL

Comments: <sup>3.10</sup>  
 29.2 w/box  
 - 5.5  
 18.7

Hilton turtle    OCT, skin previously done  
 a gap in mouth  
 Captured 11/1/18    SCI = 46.6 (Kiholo)  
 9/26/23    SCI = 57.2

Important Data. If found, please return to Summer.Martin@noaa.gov or 308-725-5750. Thank You!

022120

# MTBAP DATA FORM

Basking In-water

Event ID (database): \_\_\_\_\_

Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

FURTLE # of Day / MOTOTOOL #: HA216

Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Haruno

Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI

Island/Atoll: HAWA

Area: Kaho

Site: zone A

Garmin ID (last 4 digits): \_\_\_\_\_

LAT(dd): \_\_\_\_\_

Water Temp: \_\_\_\_\_ °C Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 58.6 cm

Straight Carapace Width (SCW): 44.4 cm

Curved Carapace Length (CCL): 62.0 cm

Curved Carapace Width (CCW): 52.0 cm

Plastron Straight Length (PSL): 45.5 cm

Total Tail Length: 12.5 cm

Tail length (Plastron to Cloaca): 8.5 cm

Mass: 22.0 kg

SAMPLES COLLECTED? None Sk Scute Tumor Blood Diet

FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_

Label each vial with **sample type** and attach **left PIT tag ID sticker**. Without a sticker, label sample type, date, flipper tag #, location, and species.

# of Skin Vials 2 Skin Location L&R shoulder

# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_

# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_

Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_

Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)

Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

Decimal: 982.000363920679

Flipper Tags (2 Types)

Hexadecimal: 3D6.0015B0FD27

\_\_\_ LH New

\_\_\_ RH New

(Affix new RH PIT tag ID label here)

LOCATION	STATUS	PIT/Metal Flipper Tag #										
LH	New	98200	0	4	0	6	7	3	7	4	8	0
RH	Old	98200	0	3	1	2	3	4	5	6	7	3

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)

Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek

Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_

Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

### Pre-release Checklist

- \_\_\_ Turtle # of day/Mototool # applied to carapace
- \_\_\_ Turtle ID (# of day/mototool, metal, PIT recorded)
- \_\_\_ Measurements recorded
- \_\_\_ Samples collected
- \_\_\_ Oxytet. injection
- \_\_\_ Photos
- \_\_\_ Sat tag PTT ID recorded, switched ON
- \_\_\_ Epoxy/Paint are dry
- \_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
- \_\_\_ Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_

Area: \_\_\_\_\_ Site: \_\_\_\_\_

Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

LAT(dd): \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

n aliper)

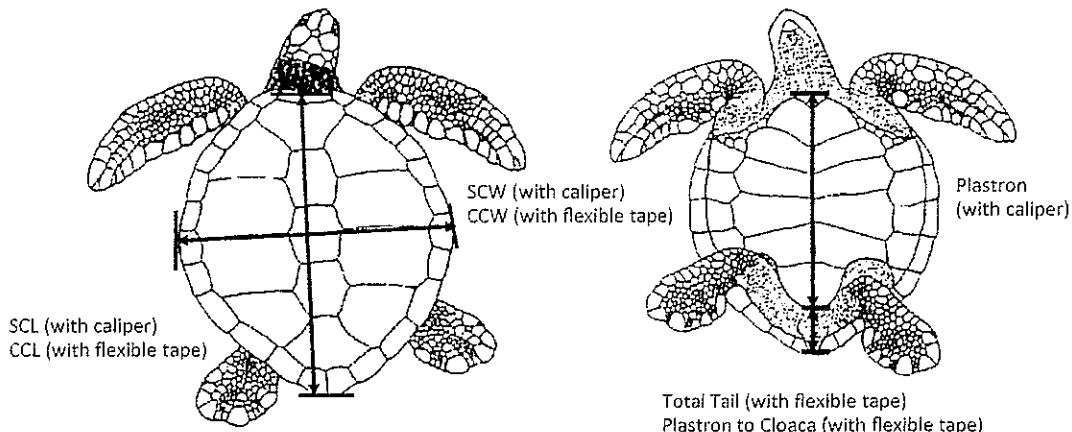
4

nL

inserted

12

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one) 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound Lavage Laparoscopy

Tetracycline Injection Total: 2.9 mL

Left Shoulder: 0.95 mL Right Shoulder: 0.95 mL  
1.45 1.45

1.45  
212.9  
2  
9  
10

Comments:

old  
moral  
pool

175

LH pte unreadable - New PIT inserted

facial photo taken

without Box  
22.0 kg

captured 11/01/18 SCL = 57.1  
9/26/23 SCL = 58.6



# MTBAP DATA FORM

Basking In-water

Event ID (database): \_\_\_\_\_

Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: HA 218

Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Haruno

Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI Island/Atoll: HAWA Area: Kaho Site: Zone A

Garmin ID (last 4 digits): \_\_\_\_\_ LAT(dd): \_\_\_\_\_ Water Temp: \_\_\_\_\_ °C Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_ LONG(dd): \_\_\_\_\_ Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 48.5 cm

Straight Carapace Width (SCW): 38.5 cm

Curved Carapace Length (CCL): 52.5 cm

Curved Carapace Width (CCW): 45.0 cm

Plastron Straight Length (PSL): 39.6 cm

Total Tail Length: 10.5 cm

Tail length (Plastron to Cloaca): 6.0 cm

Mass: 16.3 kg

SAMPLES COLLECTED? None SKN Scute Tumor Blood Diet

FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_

Label each vial with **sample type** and attach **left PIT tag ID sticker**. Without a sticker, label sample type, date, flipper tag #, location, and species.

# of Skin Vials 2 Skin Location C&R shoulder

# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_

# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_

Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_

Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)

Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

985113008316249 LH New

985113008316285 RH New

(Affix new LH PIT tag ID label here)

(Affix new RH PIT tag ID label here)

Location	Status	PIT/Metal Flipper Tag #												
LH	New													
CH	New	P	1	6	0	9	2							
RH	New	P	1	6	0	9	3							
RH	Old	98200	0	3	1	2	3	4	5	6	7	8		

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)

Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek

Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_

Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

### Pre-release Checklist

- Turtle # of day/Mototool # applied to carapace
- Turtle ID (# of day/mototool, metal, PIT recorded)
- Measurements recorded
- Samples collected
- Oxytet. injection
- Photos
- Sat tag PTT ID recorded, switched ON
- Epoxy/Paint are dry
- Check saltwater switches are clear - no epoxy, paint, or tape
- Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_

Area: \_\_\_\_\_ Site: \_\_\_\_\_

Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

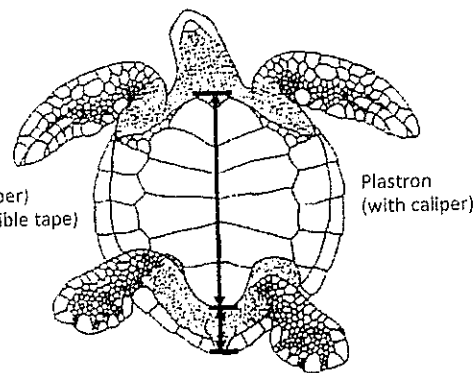
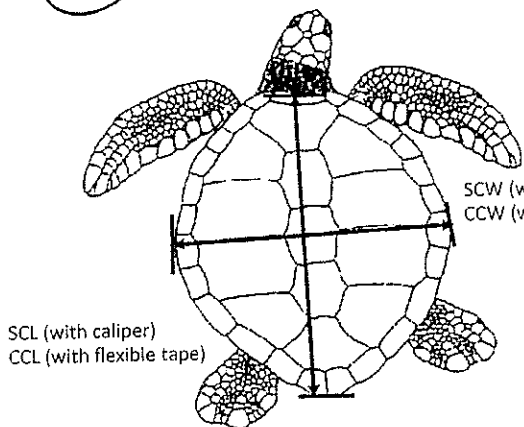
LAT(dd): \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

13

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound    Lavage    Laparoscopy

Tetracycline Injection Total: 1.8 mL  
Left Shoulder: 0.9 mL    Right Shoulder: 0.9 mL

Comments: <sup>1.0</sup> 21.8 w/ box  
- 5.5  
-----  
16.3

algae in mouth

facial photo taken

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

# MTBAP DATA FORM

Basking In-water

Event ID (database): \_\_\_\_\_  
Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: HA217 Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc Sex (circle one): F M ♀

Observer Names/Initials: Havuno Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI Island/Atoll: HAWA Area: Kaho Site: zone A

Garmin ID (last 4 digits): \_\_\_\_\_ LAT(dd): \_\_\_\_\_ Water Temp: \_\_\_\_\_ °C Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_ LONG(dd): \_\_\_\_\_ Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 60.9 cm  
Straight Carapace Width (SCW): 64.8 cm  
Curved Carapace Length (CCL): 67.0 cm  
Curved Carapace Width (CCW): 61.0 cm  
Plastron Straight Length (PSL): 50.3 cm  
Total Tail Length: 12.0 ~~11.0~~ cm  
Tail length (Plastron to Cloaca): 6.5 cm  
Mass: 32.3 kg

SAMPLES COLLECTED? None Skin Scute Tumor Blood Diet  
FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_  
Label each vial with **sample type** and attach **left PIT tag ID sticker**. Without a sticker, label sample type, date, flipper tag #, location, and species.  
# of Skin Vials 2 Skin Location L&R shoulder  
# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_  
# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_  
Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_  
Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)  
Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

		LH New					RH New						
(Affix new LH PIT tag ID label here)							(Affix new RH PIT tag ID label here)						
Location	Status	PIT/Metal Flipper Tag #											
LH	New	4	4	5	2	1	1	1	9	9	9	9	
LH	Old						C	3					
RH	Old	4	4	5	4	3	7	1	4	5	1		
LH	New	P	1	6	0	9	6						
RH	New	P	1	6	0	9	7						
RH	Old	98200	0	3	1	2	7	3	4	5	6	7	8

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT N&G MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)

Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek

Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_

Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

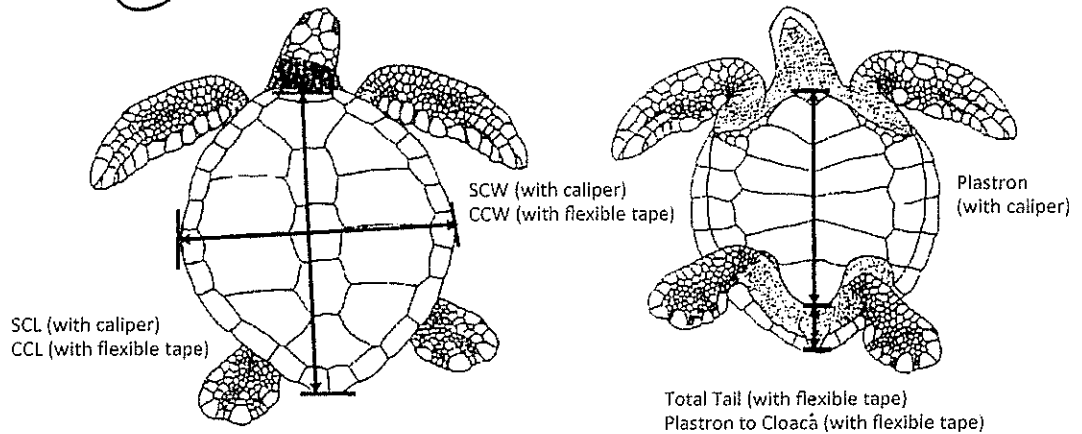
- Pre-release Checklist**
- \_\_\_\_ Turtle # of day/Mototool # applied to carapace
  - \_\_\_\_ Turtle ID (# of day/mototool, metal, PIT recorded)
  - \_\_\_\_ Measurements recorded
  - \_\_\_\_ Samples collected
  - \_\_\_\_ Oxytet. injection
  - \_\_\_\_ Photos
  - \_\_\_\_ Sat tag PTT ID recorded, switched ON
  - \_\_\_\_ Epoxy/Paint are dry
  - \_\_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
  - \_\_\_\_ Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_  
Area: \_\_\_\_\_ Site: \_\_\_\_\_  
Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_  
LAT(dd): \_\_\_\_\_  
LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

14

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

Size:	1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

Size:	1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound Lavage Laparoscopy

Tetracycline Injection Total:  $\frac{3.2}{1.6}$  mL  
Left Shoulder: 1.6 mL Right Shoulder: 1.6 mL

Comments: 37.8 w/box  
 $\frac{5.5}{32.3}$

kaho mortal 7001 89  
Captured 8/13/03 SCI = 48.2  
9/26/23 SCI = 60.9

Important Data. If found, please return to Summer.Martini@noaa.gov or 808-725-5750. Thank You!

# MTBAP DATA FORM

Basking  In-water

Event ID (database): \_\_\_\_\_  
Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: HA144

Turtle ID (database): \_\_\_\_\_

Species (circle one):  Cm  Ei  Lo  Cc  Dc

Sex (circle one):  F  M

Observer Names/Initials: Haruko

Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI Island/Atoll: HAWA Area: Kaho Site: zone B

Garmin ID (last 4 digits): \_\_\_\_\_ LAT<sub>(dd)</sub>: \_\_\_\_\_ Water Temp: \_\_\_\_\_ °C Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_ LONG<sub>(dd)</sub>: \_\_\_\_\_ Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 53.0 cm

Straight Carapace Width (SCW): 42.5 cm

Curved Carapace Length (CCL): 57.0 cm

Curved Carapace Width (CCW): 51.0 cm

Plastron Straight Length (PSL): 41.2 cm

Total Tail Length: 10.0 cm

Tail length (Plastron to Cloaca): 6.0 cm

Mass: 18.9 kg

SAMPLES COLLECTED?  None  Skin  Scute  Tumor  Blood  Diet

FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_  
Label each vial with **sample type** and attach **left PIT tag ID sticker**. Without a sticker, label sample type, date, flipper tag #, location, and species.

# of Skin Vials \_\_\_\_\_ Skin Location \_\_\_\_\_

# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_

# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_

Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_

Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)

Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

		LH New				RH New						
		(Affix new LH PIT tag ID label here)				(Affix new RH PIT tag ID label here)						
Location	Status	PIT/Metal Flipper Tag #										
LH	New	982000	4	0	6	1	3	1	7	4	2	8
RH	Old	982000	4	0	6	1	3	1	7	4	2	8
RH	Old	982000	0	3	1	2	3	4	5	6	7	8

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)

Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek

Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_

Attachment Type (circle one): Two-part Epoxy Fiberglass (Other)

### Pre-release Checklist

- Turtle # of day/Mototool # applied to carapace
- Turtle ID (# of day/mototool, metal, PIT recorded)
- Measurements recorded
- Samples collected
- Oxytet. injection
- Photos
- Sat tag PTT ID recorded, switched ON
- Epoxy/Paint are dry
- Check saltwater switches are clear - no epoxy, paint, or tape
- Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_

Area: \_\_\_\_\_ Site: \_\_\_\_\_

Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

LAT<sub>(dd)</sub>: \_\_\_\_\_

LONG<sub>(dd)</sub>: \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

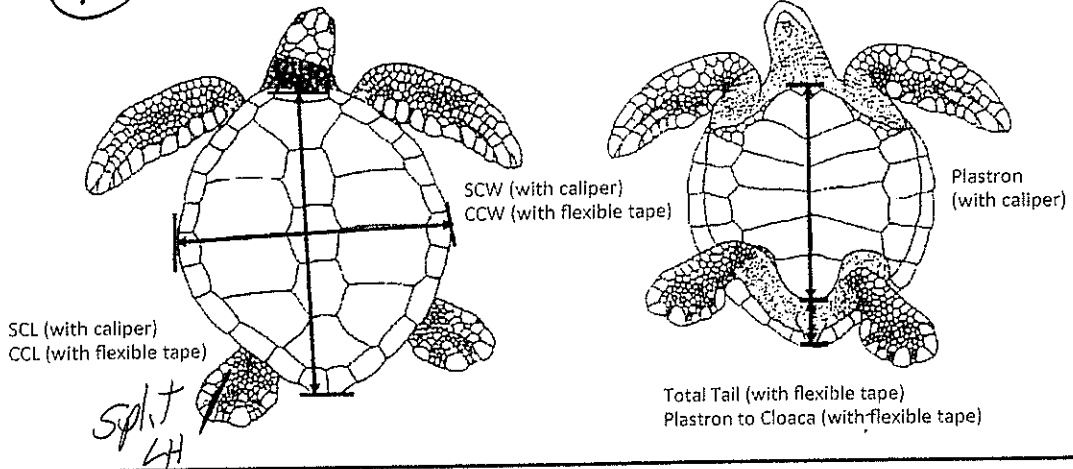
er)

+

done

15

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound Lavage Laparoscopy

Tetracycline Injection Total: \_\_\_\_\_ mL

Left Shoulder: \_\_\_\_\_ mL Right Shoulder: \_\_\_\_\_ mL

Comments: 24.4 Kg w/ box 2H 10 cm split Ant-Post healed  
 5.5  
 18.9  
 green algae in mouth OTC, skin previously done  
 facial photo taken

Important Data. If found, please return to Summer.Martin@noaa.gov or 303-725-5750. Thank You!

Captured 10/20/22 SCL = 52.9  
 9/26/23 SCL = 53.0

# MTBAP DATA FORM

Basking  In-water

Event ID (database): \_\_\_\_\_

Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: HA <sup>219</sup> ~~218~~

Turtle ID (database): \_\_\_\_\_

Species (circle one):  Cm  Ei  Lo  Cc  Dc

Sex (circle one): F  M

Observer Names/Initials: HARUMO

Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI

Island/Atoll: HAWA

Area: Kaho

Site: zone A

Garmin ID (last 4 digits): \_\_\_\_\_

LAT(dd): \_\_\_\_\_

Water Temp: \_\_\_\_\_ °C

Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 56.3 cm

Straight Carapace Width (SCW): 45.8 cm

Curved Carapace Length (CCL): 62.0 cm

Curved Carapace Width (CCW): 58.0 cm

Plastron Straight Length (PSL): 43.9 cm

Total Tail Length: 13.0 cm

Tail length (Plastron to Cloaca): 8.5 cm

Mass: 26.7 kg

SAMPLES COLLECTED? None  Skin  Scute  Tumor  Blood  Diet

FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_

Label each vial with sample type and attach left PIT tag ID sticker. Without a sticker, label sample type, date, flipper tag #, location, and species.

# of Skin Vials 2 Skin Location L & R shoulder

# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_

# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_

Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_

Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)

Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

LH 982.000406092704 RH 982.000406137773

LH New

RH New

(Affix new LH PIT tag ID label here)

(Affix new RH PIT tag ID label here)

Location	Status	PIT/Metal Flipper Tag #																		
LH	New	98200	0	4	0	6	0	9	2	7	7	7	7	7	7	7	7	7	7	7
RH	Old	98200	0	4	0	6	1	3	7	7	7	7	7	7	7	7	7	7	7	7
LH	New	P	1	6	0	9	8													
RH	New	P	1	6	0	9	9													
RH	Old	98200	0	3	1	2	9	3	4	5	6	7	8							

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)

Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek

Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_

Attachment Type (circle one): Two-part Epoxy  Fiberglass  (Other) \_\_\_\_\_

### Pre-release Checklist

- Turtle # of day/Mototool # applied to carapace
- Turtle ID (# of day/mototool, metal, PIT recorded)
- Measurements recorded
- Samples collected
- Oxytet. injection
- Photos
- Sat tag PTT ID recorded, switched ON
- Epoxy/Paint are dry
- Check saltwater switches are clear - no epoxy, paint, or tape
- Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_

Area: \_\_\_\_\_ Site: \_\_\_\_\_

Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

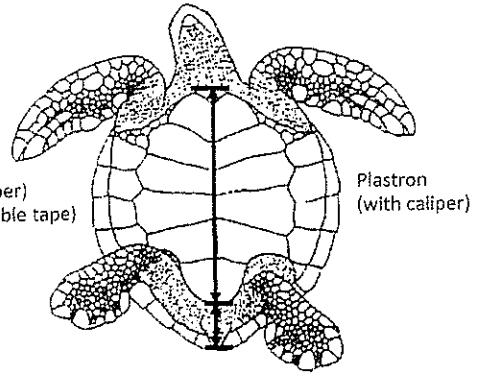
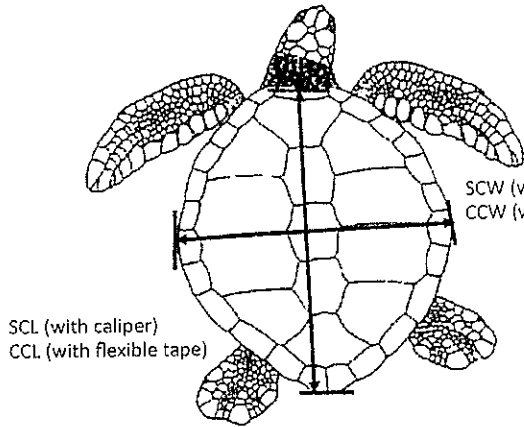
LAT(dd): \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

16

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound Lavage Laparoscopy

Tetracycline Injection Total: 2.5 mL

Left Shoulder: 1.25 mL Right Shoulder: 1.25 mL

Comments:

$$\begin{array}{r} 26.1 \\ - 5.5 \\ \hline 20.6 \end{array}$$
 BK, 2kg w/box old 164  
 algae in mouth  
 facial photo taken

Important Data. If found, please return to Summer.Martin@noaa.gov or 808.725-5750. Thank You!

Captured 11/1/18 SCL = 48.4  
 9/26/23 " = 56.3



v032120

# MTBAP DATA FORM

Basking In-water

Event ID (database): \_\_\_\_\_  
Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: HA 148

Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M ♀

Observer Names/Initials: Hakuo

Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI Island/Atoll: HAWA Area: kaho Site: zone B

Garmin ID (last 4 digits): \_\_\_\_\_ LAT(dd): \_\_\_\_\_ Water Temp: \_\_\_\_\_ °C Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_ LONG(dd): \_\_\_\_\_ Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 63.5 cm  
 Straight Carapace Width (SCW): 51.8 cm  
 Curved Carapace Length (CCL): 67.0 cm  
 Curved Carapace Width (CCW): 62.0 cm  
 Plastron Straight Length (PSL): 50.1 ~~50.1~~ cm  
 Total Tail Length: 13.5 cm  
 Tail length (Plastron to Cloaca): 9.0 cm  
 Mass: 32.1 kg

SAMPLES COLLECTED? None Skin Scute Tumor Blood Diet  
 FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_  
 Label each vial with **sample type** and attach **left PIT tag ID sticker**. Without a sticker, label sample type, date, flipper tag #, location, and species.  
 # of Skin Vials \_\_\_\_\_ Skin Location \_\_\_\_\_  
 # of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_  
 # of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_  
 Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_  
 Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)  
 Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

		LH New					RH New						
		(Affix new LH PIT tag ID label here)					(Affix new RH PIT tag ID label here)						
Location	Status	PIT/Metal Flipper Tag #											
LH	New												
LH	old	4	7	0	A	3	B	0	A	2	A		
RH	old	4	7	0	C	5	4	0	D	5	2		
LH	old	7	2	8	=	H							
RH	old	7	2	9	=	H							
RH	Old	98.200	0	3	1	2	3	4	5	6	7	8	

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)  
 Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek  
 Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_  
 Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

### Pre-release Checklist

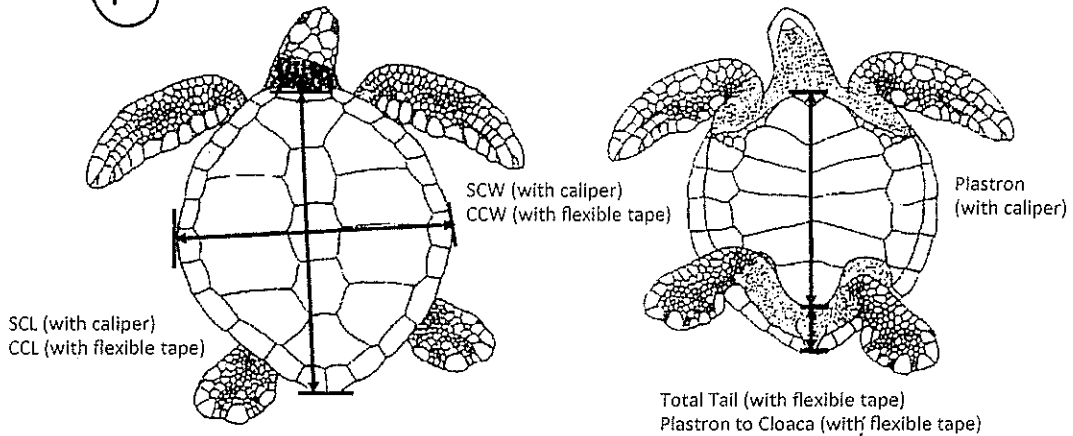
- \_\_\_\_ Turtle # of day/Mototool # applied to carapace
- \_\_\_\_ Turtle ID (# of day/mototool, metal, PIT recorded)
- \_\_\_\_ Measurements recorded
- \_\_\_\_ Samples collected
- \_\_\_\_ Oxytet. injection
- \_\_\_\_ Photos
- \_\_\_\_ Sat tag PTT ID recorded, switched ON
- \_\_\_\_ Epoxy/Paint are dry
- \_\_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
- \_\_\_\_ Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_  
 Area: \_\_\_\_\_ Site: \_\_\_\_\_  
 Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_  
 LAT(dd): \_\_\_\_\_  
 LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

17

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound    Lavage    Laparoscopy

Tetracycline Injection Total: \_\_\_\_\_ mL

Left Shoulder: \_\_\_\_\_ mL    Right Shoulder: \_\_\_\_\_ mL

Comments: 37.6 w/box    facial photo taken

- 5.5  
32.1

OTC, skin previously done

Captured 6/28/2011 SCL = 49.4  
9/26/23 " = 63.5

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

# MTBAP DATA FORM

Basking

In-water

Event ID (database): \_\_\_\_\_

Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: HA 147 Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M ♀

Observer Names/Initials: Haruno

Date (MM/DD/YY): 9/26/2023

Platform/Method: net capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI

Island/Atoll: HAWA

Area: Kaho

Site: zone B

Garmin ID (last 4 digits): \_\_\_\_\_

LAT(dd): \_\_\_\_\_

Water Temp: \_\_\_\_\_ °C

Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): ~~61.1~~ 60.1 cm

Straight Carapace Width (SCW): 50.5 cm

Curved Carapace Length (CCL): 66.5 cm

Curved Carapace Width (CCW): 60.5 cm

Plastron Straight Length (PSL): 46.8 cm

Total Tail Length: 12.5 cm

Tail length (Plastron to Cloaca): 8.5 cm

Mass: 31.7 kg

SAMPLES COLLECTED? None Skin Scute Tumor Blood Diet

FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_

Label each vial with sample type and attach left PIT tag ID sticker. Without a sticker, label sample type, date, flipper tag #, location, and species.

# of Skin Vials \_\_\_\_\_ Skin Location \_\_\_\_\_

# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_

# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_

Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_

Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)

Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

		LH New				RH New						
(Affix new LH PIT tag ID label here)		(Affix new RH PIT tag ID label here)										
Location	Status	PIT/Metal Flipper Tag #										
LH	New											
LH	old	4	2	3	2	3	7	5	9			
RH	old	4	2	2	D	7	2	6	4			
LH	old	7	3	0		H						
RH	old	7	3	1		H						
RH	Old	98200	0	3	1	2	3	4	5	6	7	8

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (SPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)

Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek

Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_

Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

### Pre-release Checklist

- \_\_\_\_ Turtle # of day/Mototool # applied to carapace
- \_\_\_\_ Turtle ID (# of day/mototool, metal, PIT recorded)
- \_\_\_\_ Measurements recorded
- \_\_\_\_ Samples collected
- \_\_\_\_ Oxytet. injection
- \_\_\_\_ Photos
- \_\_\_\_ Sat tag PTT ID recorded, switched ON
- \_\_\_\_ Epoxy/Paint are dry
- \_\_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
- \_\_\_\_ Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_

Area: \_\_\_\_\_ Site: \_\_\_\_\_

Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

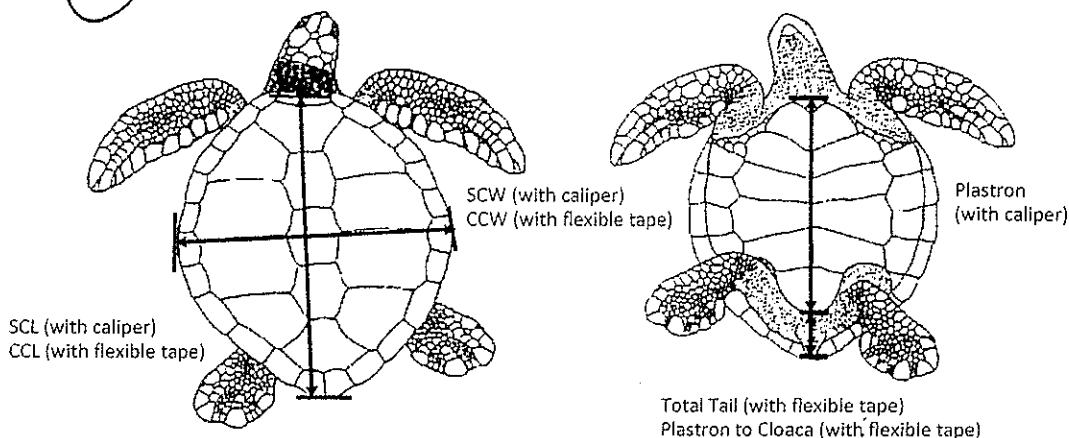
LAT(dd): \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

18

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one) U 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound Lavage Laparoscopy

Tetracycline Injection Total: \_\_\_\_\_ mL

Left Shoulder: \_\_\_\_\_ mL Right Shoulder: \_\_\_\_\_ mL

Comments:  $3^{6.10} 7.2$  w/ box  
 $- 5.5$   
 $31.7$

Algae ~~along~~ in mouth  
 facial photo taken

OTC, skin previously done

Captured Kahalu'u 4/17/02 SCL 41.9

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

" Kaho 10/20/22 SCL 60.8  
 " " 9/24/22 SCL = ~~61.1~~ 61.1  
~~SCL 61.7~~

022126

# MTBAP DATA FORM

Basking  In-water

Event ID (database): \_\_\_\_\_  
Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: HA220

Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Hanno

Date (MM/DD/YY): 9/26/2023

Platform/Method: net capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI

Island/Atoll: HAWA

Area: Kaho

Site: zone B

Garmin ID (last 4 digits): \_\_\_\_\_

LAT(dd): \_\_\_\_\_

Water Temp: \_\_\_\_\_ °C

Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 41.9 cm

Straight Carapace Width (SCW): 33.6 cm

Curved Carapace Length (CCL): 45.0 cm

Curved Carapace Width (CCW): 40.0 cm

Plastron Straight Length (PSL): 32.5 cm

Total Tail Length: 8.0 cm

Tail length (Plastron to Cloaca): 5.5 cm

Mass: 9.3 kg

SAMPLES COLLECTED? None Skin Scute Tumor Blood Diet  
FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_

Label each vial with **sample type** and attach **left PIT tag ID sticker**. Without a sticker, label sample type, date, flipper tag #, location, and species.

# of Skin Vials 2 Skin Location L&R shoulder

# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_

# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_

Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_

Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)

Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

985113008316253 LH New  
(Affix new LH PIT tag ID label here)

985113008316275 RH New  
(Affix new RH PIT tag ID label here)

Location	Status	PIT/Metal Flipper Tag #												
LH	New													
LH	New	P	I	6	0	5	1	9	9	9	9			
RH	New	P	I	6	0	5	2							
RH	Old	98200	0	3	1	2	3	4	5	6	7	8		

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)

Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek

Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_

Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

- Pre-release Checklist**
- Turtle # of day/Mototool # applied to carapace
  - Turtle ID (# of day/mototool, metal, PIT recorded)
  - Measurements recorded
  - Samples collected
  - Oxytet. injection
  - Photos
  - Sat tag PTT ID recorded, switched ON
  - Epoxy/Paint are dry
  - Check seawater switches are clear - no epoxy, paint, or tape
  - Location of capture/release recorded

**Release Time (24hr format):** \_\_\_\_\_

Area: \_\_\_\_\_ Site: \_\_\_\_\_

Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

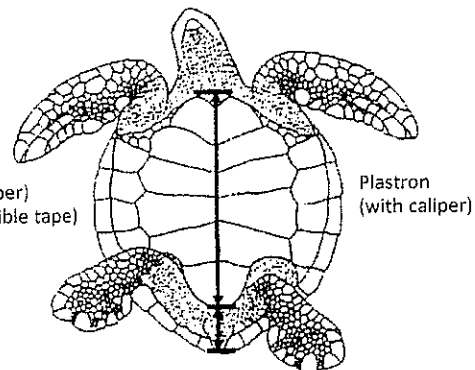
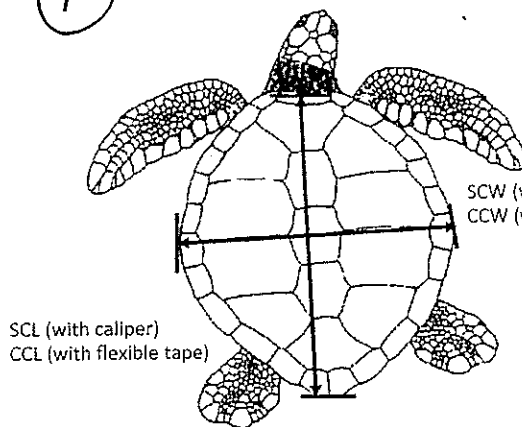
LAT(dd): \_\_\_\_\_

LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

19

Draw any abnormalities below:



Total Tail (with flexible tape)  
Plastron to Cloaca (with flexible tape)

Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound    Lavage    Laparoscopy

Tetracycline Injection Total: 1.1 mL  
Left Shoulder: 0.55 mL    Right Shoulder: 0.55 mL

0.55  
2.1  
1.55

14.8  
Comments: 14.8 kg w/box  
- 5.5  
9.3

~~algae~~ in mouth  
Algae  
facial photo taken

~~Captured 1/2/03 seen 4/5/06~~

# MTBAP DATA FORM

Basking  In-water

Event ID (database): \_\_\_\_\_  
Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: HA 221

Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M 0

Observer Names/Initials: H. H. H.

Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture

Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI Island/Atoll: HAWA Area: Kaho Site: zone A

Garmin ID (last 4 digits): \_\_\_\_\_ LAT(ddd): \_\_\_\_\_ Water Temp: \_\_\_\_\_ °C Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_ LONG(ddd): \_\_\_\_\_ Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 65.7 cm  
Straight Carapace Width (SCW): 53.8 cm  
Curved Carapace Length (CCL): 70.5 cm  
Curved Carapace Width (CCW): 61.5 cm  
Plastron Straight Length (PSL): 51.5 cm  
Total Tail Length: 16.5 cm  
Tail length (Plastron to Cloaca): 11.5 cm  
Mass: 36.7 kg

SAMPLES COLLECTED? None  Skin  Scute  Tumor  Blood  Diet   
FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_  
Label each vial with **sample type** and attach left PIT tag ID sticker. Without a sticker, label sample type, date, flipper tag #, location, and species.  
# of Skin Vials 2 Skin Location C&R shoulder  
# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_  
# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_  
Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_  
Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)  
Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

		LH New					RH New							
(Affix new LH PIT tag ID label here)		(Affix new RH PIT tag ID label here)												
Location	Status	PIT/Metal Flipper Tag #												
LH	New													
LH	Old	4	3	6	8	0	2	3	7	1	6			
RH	Old	4	3	6	A	1	4	4	3	7	4			
LH	New													
RH	New	P	1	6	0	5	3							
RH	Old	98200	0	3	6	1	5	2	3	4	5	6	7	8

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): ~~Package~~ Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)  
Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek  
Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_  
Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

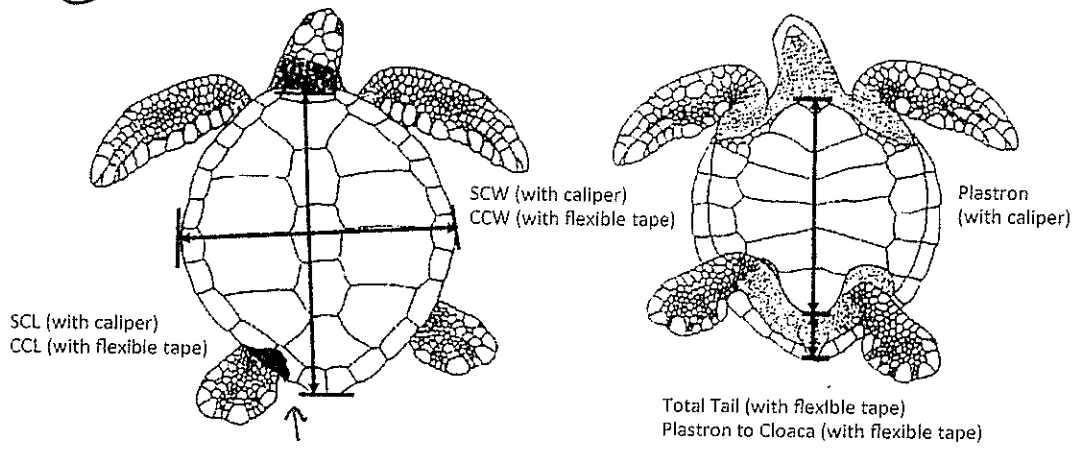
- Pre-release Checklist**
- \_\_\_\_ Turtle # of day/Mototool # applied to carapace
  - \_\_\_\_ Turtle ID (# of day/mototool, metal, PIT recorded)
  - \_\_\_\_ Measurements recorded
  - \_\_\_\_ Samples collected
  - \_\_\_\_ Oxytet. injection
  - \_\_\_\_ Photos
  - \_\_\_\_ Sat tag PTT ID recorded, switched ON
  - \_\_\_\_ Epoxy/Paint are dry
  - \_\_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
  - \_\_\_\_ Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_  
Area: \_\_\_\_\_ Site: \_\_\_\_\_  
Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_  
LAT(ddd): \_\_\_\_\_  
LONG(ddd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

20

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound Lavage Laparoscopy

Tetracycline Injection Total: 4 mL  
Left Shoulder: 2 mL Right Shoulder: 2 mL

Comments: 3001d #60  

$$\begin{array}{r} 42.2 \\ - 5.5 \\ \hline 36.7 \end{array}$$
 kg w/ box

facial photo taken  
 11th marginal Left 2.5 x 7 cm injury  
 Captured 1/22/03 SCL = 45.6  
 9/26/23 " = 65.7

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!



# MTBAP DATA FORM

Basking

In-water

Event ID (database): \_\_\_\_\_

Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: HA 222 Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc Sex (circle one): F M Q  
Observer Names/Initials: Hanno Date (MM/DD/YY): 9/26/2023

Platform/Method: net capture Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI Island/Atoll: HAWA Area: Kaho Site: zone B

Garmin ID (last 4 digits): \_\_\_\_\_ LAT(dd): \_\_\_\_\_ Water Temp: \_\_\_\_\_ °C Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_ LONG(dd): \_\_\_\_\_ Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 53.0 ~~53.0~~ cm  
Straight Carapace Width (SCW): 40.8 cm  
Curved Carapace Length (CCL): 57.5 cm  
Curved Carapace Width (CCW): 49.0 cm  
Plastron Straight Length (PSL): 42.7 cm  
Total Tail Length: 11.5 cm  
Tail length (Plastron to Cloaca): 7.5 cm  
Mass: 19.6 kg

SAMPLES COLLECTED? None Skin Scute Tumor Blood Diet  
FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_  
Label each vial with **sample type** and attach left PIT tag ID sticker. Without a sticker, label sample type, date, flipper tag #, location, and species.  
# of Skin Vials 2 Skin Location L&R Shoulder  
# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_  
# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_  
Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_  
Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)  
Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

\_\_\_\_\_ LH New \_\_\_\_\_ RH New  
(Affix new LH PIT tag ID label here) (Affix new RH PIT tag ID label here)

Location	Status	PIT/Metal Flipper Tag #													
		P	1	9	9	9	9	9	9	9	9				
LH	New	P	1	6	0	5	5								
RH	New	P	1	6	0	5	6								
RH	Old	4	C	3	D	2	2	0	5	4	F				
LH	Old	4	C	3	2	5	9	3	D	6	1				
RH	Old	98200	0	3	1	2	3	4	5	6	7	8			

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)  
Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek  
Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_  
Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

### Pre-release Checklist

- \_\_\_\_ Turtle # of day/Mototool # applied to carapace
- \_\_\_\_ Turtle ID (# of day/mototool, metal, PIT recorded)
- \_\_\_\_ Measurements recorded
- \_\_\_\_ Samples collected
- \_\_\_\_ Oxytet. injection
- \_\_\_\_ Photos
- \_\_\_\_ Sat tag PTT ID recorded, switched ON
- \_\_\_\_ Epoxy/Paint are dry
- \_\_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
- \_\_\_\_ Location of capture/release recorded

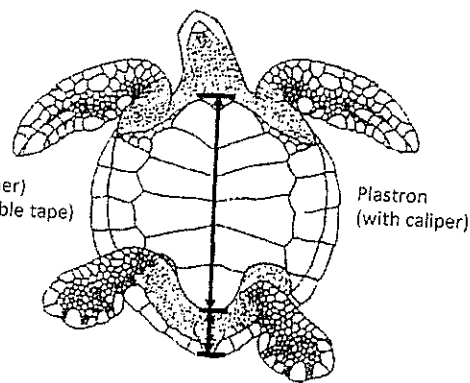
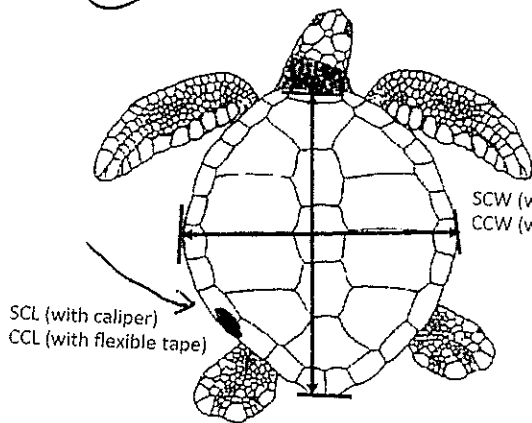
Release Time (24hr format): \_\_\_\_\_  
Area: \_\_\_\_\_ Site: \_\_\_\_\_  
Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_  
LAT(dd): \_\_\_\_\_  
LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

cd  
led

21

Draw any abnormalities below:



Plastron to Cloaca (with flexible tape)

Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 ~~1~~ 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound    Lavage    Laparoscopy

Tetracycline Injection Total: ~~0.2~~ 2.1 mL  
 Left Shoulder: ~~0.5~~ 1.05 mL    Right Shoulder: ~~0.2~~ 1.05 mL

Comments:

old # 154  
<sup>12.5.10</sup>  
 26 kg w/ box + H<sub>2</sub>O  
 - 6.9  
 19.6  
 facial photo done

~~muscle~~ shell in mouth  
 mussel

9th marginal left 1cm x 3cm injured and  
 captured 4/3/15 SCL = 43.9 healed

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-775-5750. Thank You!

9/26/23 h = 53.0

# MTBAP DATA FORM

Basking In-water

Event ID (database): \_\_\_\_\_  
Validation Date: \_\_\_\_\_ Initials: \_\_\_\_\_

TURTLE # of Day / MOTOTOOL #: HA223 Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc Sex (circle one): F M U

Observer Names/Initials: Haruno Date (MM/DD/YY): 9/26/2023

Platform/Method: hand capture Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI Island/Atoll: HAWA Area: Kaho Site: zone B

Garmin ID (last 4 digits): \_\_\_\_\_ LAT(dd): \_\_\_\_\_ Water Temp: \_\_\_\_\_ °C Air Temp: \_\_\_\_\_ °C

GPS Waypoint #: \_\_\_\_\_ LONG(dd): \_\_\_\_\_ Water Depth: \_\_\_\_\_ m

Straight Carapace Length (SCL): 49.7 cm  
Straight Carapace Width (SCW): 39.3 cm  
Curved Carapace Length (CCL): 52.0 cm  
Curved Carapace Width (CCW): 46.5 cm  
Plastron Straight Length (PSL): 41.8 cm  
Total Tail Length: 11.5 cm  
Tail length (Plastron to Cloaca): 8.0 cm  
Mass: 17.4 kg

SAMPLES COLLECTED? None skin Scute Tumor Blood Diet  
FreezerWorks ID #: \_\_\_\_\_ Initials: \_\_\_\_\_  
Label each vial with **sample type** and attach **left PIT tag ID sticker**. Without a sticker, label sample type, date, flipper tag #, location, and species.  
# of Skin Vials 2 Skin Location L&R shoulder  
# of Scute Vials \_\_\_\_\_ Scute Location \_\_\_\_\_  
# of Tumor Vials \_\_\_\_\_ Tumor Location \_\_\_\_\_  
Blood Collection Time: \_\_\_\_\_ # Tubes: \_\_\_\_\_  
Volume: \_\_\_\_\_ mL Preservative: Na/Hep \_\_\_\_\_ (other)  
Tube Type/Size: Glass Plastic 2 mL 6 mL 10 mL

### Flipper Tags (2 Types)

985113008316312 LH New  
(Affix new LH PIT tag ID label here)

985113008316274 RH New  
(Affix new RH PIT tag ID label here)

Location	Status	PIT/Metal Flipper Tag #										
LH	New	P	1	6	0	5	8		9	9	9	
LH	New	P	1	6	0	5	7					
RH	New	P	1	6	0	5	7					
RH	Old	98200	0	3	1	2	3	4	5	6	7	8

Tag Location: Right Front Flipper (RF), Left Front Flipper (LF), Right Hind (RH), Left Hind (LH) Tag Status: newly applied tag (New), already present tag (Old)

### Biotelemetry Tag

Project (circle one): MITT NBG MTBAP Tag Type (circle one): Package Satellite (GPS/Argos) Archival (TDR) Acoustic (Sonic/VHF)  
Tag Brand (circle one): Wildlife Computers Telonics Desert Star Systems Lotek  
Model: \_\_\_\_\_ Serial #: \_\_\_\_\_ PTT #: \_\_\_\_\_  
Attachment Type (circle one): Two-part Epoxy Fiberglass \_\_\_\_\_ (Other)

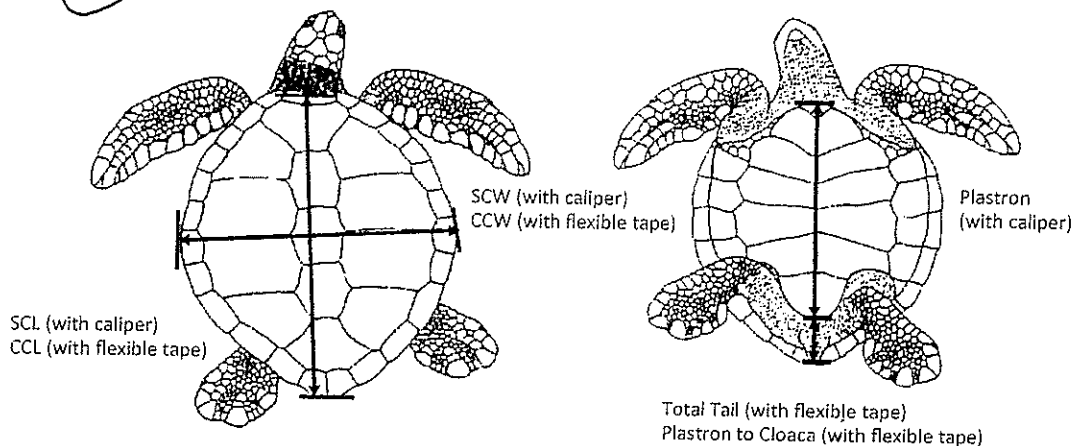
- Pre-release Checklist**
- \_\_\_\_ Turtle # of day/Mototool # applied to carapace
  - \_\_\_\_ Turtle ID (# of day/mototool, metal, PIT recorded)
  - \_\_\_\_ Measurements recorded
  - \_\_\_\_ Samples collected
  - \_\_\_\_ Oxytet. injection
  - \_\_\_\_ Photos
  - \_\_\_\_ Sat tag PTT ID recorded, switched ON
  - \_\_\_\_ Epoxy/Paint are dry
  - \_\_\_\_ Check saltwater switches are clear - no epoxy, paint, or tape
  - \_\_\_\_ Location of capture/release recorded

Release Time (24hr format): \_\_\_\_\_  
Area: \_\_\_\_\_ Site: \_\_\_\_\_  
Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_  
LAT(dd): \_\_\_\_\_  
LONG(dd): \_\_\_\_\_

Important Data. If found, please return to Summer.Martin@noaa.gov or 808-725-5750. Thank You!

22

Draw any abnormalities below:



Overall Tumor Score (circle one): 0 1 2 3 U

	Size: 1	2	3	4
Left eye				
Right eye				
Neck				
Glottis/Tongue				
Other Mouth				
Jaw hinge				

	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

Emaciation Code (circle one): 0 1 2 3 U

Additional Procedures Performed (circle all that apply):

Ultrasound    Lavage    Laparoscopy

Tetracycline Injection Total: 1.8 mL

Left Shoulder: 0.9 mL    Right Shoulder: 0.9 mL

Comments:  $\begin{matrix} 23.4 \\ - 6.0 \\ \hline 17.4 \end{matrix}$  w/box & H<sub>2</sub>O    ~~algae~~ in mouth  
 Algae  
 Facial photo taken