

# MTBAP DATA FORM

Basking In-water

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

TURTLE # of Day / MOTOTOOL #: HA178

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: CH

Date (MM/DD/YY): 3/31/2023

Platform/Method: Hand Capture

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

Capture Location Region: \_\_\_\_\_

Island/Atoll: HT

Area: Punalu'u Site: Punalu'u

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

LAT(dd): 19.135709

Water Temp: \_\_\_\_\_ °C

Air Temp: \_\_\_\_\_ °C

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

LONG(dd): -155.564587

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

Straight Carapace Length (SCL): 55.9 cm

Straight Carapace Width (SCW): 43.5 cm

Curved Carapace Length (CCL): 59.5 cm

Curved Carapace Width (CCW): 52.0 cm

Plastron Straight Length (PSL): 43.4 cm

Total Tail Length: 115 cm

Tail length (Plastron to Cloaca): 7.5 cm

Mass: 22.5 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<sup>2</sup>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:  982.000402166017

Flipper Tags 2

Decimal:  982.000402165827

Hexadecimal:  3D6.0017F89101

\_LH New

Hexadecimal:  3D6.0017F89043

\_RH New

Location Status

PIT/Metal Flipper Tag #

Location	Status	1	2	3	4	5	6	7	8
Metal	LH New	P	I	G	2	0	8		
	RH New	P	I	G	2	0	7		
RH	Old	982.00	0	3	1	2	3	4	5

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

- Mototool # applied
- Turtle ID (# of day, metal, PIT recorded)
- Measurements recorded
- Sat tag PTT ID recorded, switched ON
- Epoxy/Paint are dry
- Check saltwater switches are clear, free from epoxy, paint, tape removed
- Location of capture/release recorded
- Photos

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

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

Garmin

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

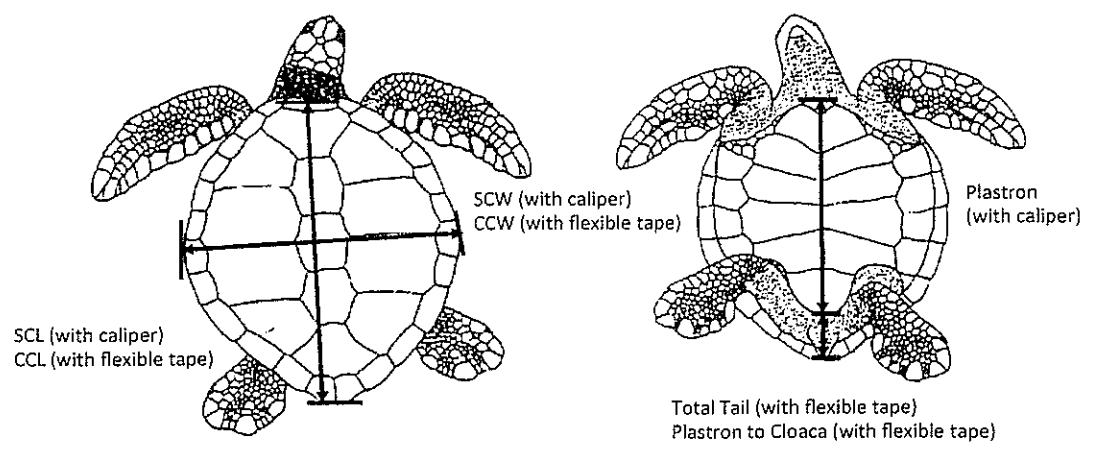
LAT(dd): \_\_\_\_\_

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

Important Data. If found, please return to Todd.Jones@noaa.gov or 808-725-5713. Thank You!



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: Jerry work: 1  
Turtle + box: 23.5

2

# MTBAP DATA FORM

Basking In-water

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

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

TURTLE # of Day / MOTOTOOL #: HA179

Species (circle one): CN Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: T.S Date (MM/DD/YY): 3/31/2023

Platform/Method: Hand Capture Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: \_\_\_\_\_ Island/Atoll: HI Area: Puna Lu'u Site: Puna Lu'u

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

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

Straight Carapace Length (SCL): 54.1 cm  
 Straight Carapace Width (SCW): 44.9 cm  
 Curved Carapace Length (CCL): 58.0 cm  
 Curved Carapace Width (CCW): 53.9 cm  
 Plastron Straight Length (PSL): 42.5 cm  
 Total Tail Length: 12 cm  
 Tail length (Plastron to Cloaca): 8.5 cm  
 Mass: 46.95 22.15 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 \_\_\_\_\_  
 # 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							P	1	9	9	9	9
RH	old	982.00	1	0	2	1	6	6	8	3	3		
LH	old	982.00	1	0	2	1	6	5	7	7	8		
RH	Old	982.00	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

- Mototool # applied
- Turtle ID (# of day, metal, PIT recorded)
- Measurements recorded
- Sat tag PTT ID recorded, switched ON
- Epoxy/Paint are dry
- Check saltwater switches are clear, free from epoxy, paint, tape removed
- Location of capture/release recorded
- Photos

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

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

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

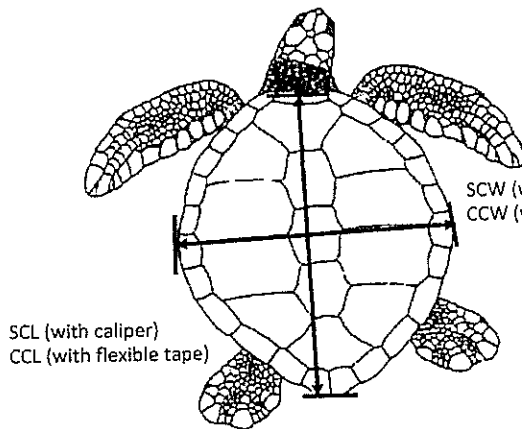
LAT(dd): \_\_\_\_\_

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

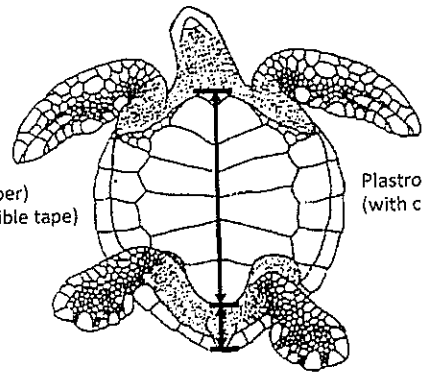
Important Data. If found, please return to Todd.Jones@noaa.gov or 808-725-5713. Thank You!!

2

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: 2.5 mL  
Left Shoulder: 1.25 mL Right Shoulder: 1.25 mL

Comments:

Turtle + box = 26.55

22.15

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

3

# MTBAP DATA FORM

Basking In-water

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

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

TURTLE # of Day / MOTOTOOL #: HA180

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: T.S

Date (MM/DD/YY): 03/31/2023

Platform/Method: Hand Capture

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

Capture Location Region: \_\_\_\_\_ Island/Atoll: HI Area: PunaLu'u Site: PunaLu'u

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

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

Straight Carapace Length (SCL): 64.0 cm

Straight Carapace Width (SCW): 52.5 cm

Curved Carapace Length (CCL): 69.0 cm

Curved Carapace Width (CCW): 65.0 cm

Plastron Straight Length (PSL): 50.4 cm

Total Tail Length: 13.5 cm

Tail length (Plastron to Cloaca): 9.5 cm

Mass: 36.85 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	8	5	0	1	3	3	5	5	5	9
Old	RH		4	8	3	A	0	3	5	5	5	5	9
RH	Old	982.00	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

- Mototool # applied
- Turtle ID (# of day, metal, PIT recorded)
- Measurements recorded
- Sat tag PTT ID recorded, switched ON
- Epoxy/Paint are dry
- Check saltwater switches are clear, free from epoxy, paint, tape removed
- Location of capture/release recorded
- Photos

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

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

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

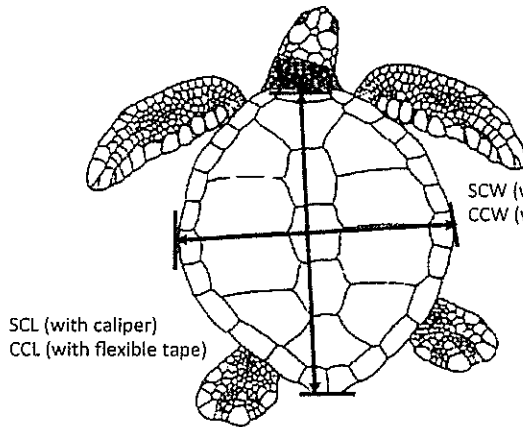
LAT(dd): \_\_\_\_\_

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

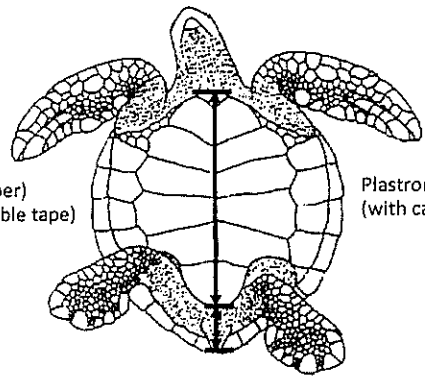
Important Data. If found, please return to Todd Jones@nonn.gov or 808-725-5713 Thank You!

3

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:

Turtle & box :

6/30/10 53.5 SCL  
690

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# MTBAP DATA FORM

Basking In-water

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

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

TURTLE # of Day / MOTOTOOL #: HA181

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: T.S

Date (MM/DD/YY): 03/31/2023

Platform/Method: Hand Capture

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

Capture Location Region: \_\_\_\_\_ Island/Atoll: H1 Area: Punahoa Site: Punahoa

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

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

Straight Carapace Length (SCL): 60.1 cm

Straight Carapace Width (SCW): 48.6 cm

Curved Carapace Length (CCL): 65.0 cm

Curved Carapace Width (CCW): 59.5 cm

Plastron Straight Length (PSL): 48.5 cm

Total Tail Length: 13 cm

Tail length (Plastron to Cloaca): 8.5 cm

Mass: 32.43 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

Decimal: 982.000402166092

Flipper Tags Decimal: 982.000402166946

Hexadecimal: 3D6.0017F8914C

\_\_\_\_ LH New

Hexadecimal: 3D6.0017F894A2

\_\_\_\_ RH New

Location	Status	PIT/Me																	
LH	New																		
RA	NEW																		
LH	NEW																		
RH	Old	982.00	0	3	1	2	3	4	5	6	7	8							

metal

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

- \_\_\_\_ Mototool # applied
- \_\_\_\_ Turtle ID (# of day, metal, PIT recorded)
- \_\_\_\_ Measurements recorded
- \_\_\_\_ Sat tag PTT ID recorded, switched ON
- \_\_\_\_ Epoxy/Paint are dry
- \_\_\_\_ Check saltwater switches are clear, free from epoxy, paint, tape removed
- \_\_\_\_ Location of capture/release recorded
- \_\_\_\_ Photos

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

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

Garmin

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

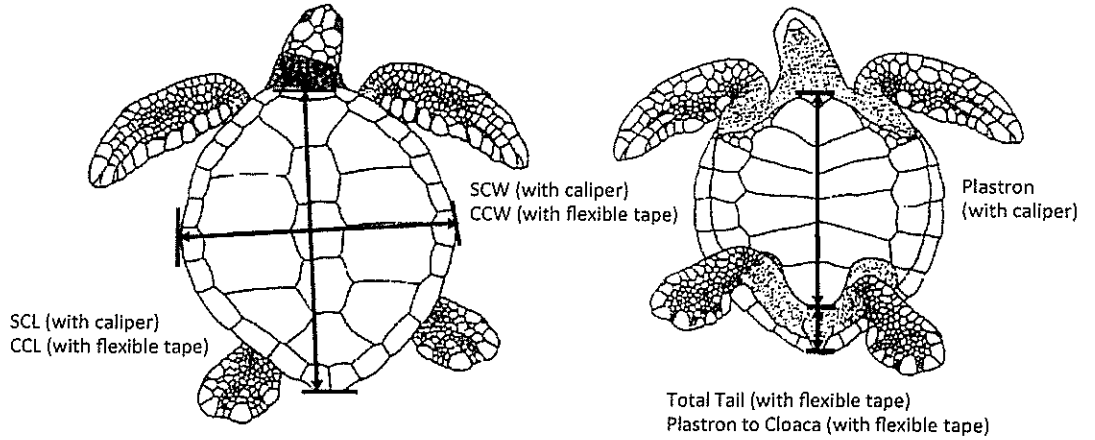
LAT(dd): \_\_\_\_\_

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

Important Data. If found, please return to Todd Jones@nann.gov or 808-775-5713 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:

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



5

# MTBAP DATA FORM

Basking In-water

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

TURTLE # of Day / MOTOTOOL #: HA182

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: T.S

Date (MM/DD/YY): 03/31/2023

Platform/Method: Hand capture

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

Capture Location Region: \_\_\_\_\_ Island/Atoll: H1 Area: Punaluu Site: Punaluu

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

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

Straight Carapace Length (SCL): 50.5 cm  
Straight Carapace Width (SCW): 38.9 cm  
Curved Carapace Length (CCL): 53.5 cm  
Curved Carapace Width (CCW): 46.5 cm  
  
Plastron Straight Length (PSL): 40.5 cm  
Total Tail Length: 11.5 cm  
Tail length (Plastron to Cloaca): 7.5 cm  
Mass: 16.96 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

Decimal:   
982.000402165613

Flipper Tags (Decimal):   
982.000402166229

Hexadecimal:   
3D6.0017F88F6D

LH New

Hexadecimal:   
3D6.0017F891D5

RH New

Loc	Status	PIT/Metal Flipper Tag #											
LH	New												
LH	NEW		P	I	6	0	2	9					
RH	NEW		P	I	6	0	3	0					
RH	Old	982.00	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

- Mototool # applied
- Turtle ID (# of day, metal, PIT recorded)
- Measurements recorded
- Sat tag PTT ID recorded, switched ON
- Epoxy/Paint are dry
- Check saltwater switches are clear, free from epoxy, paint, tape removed
- Location of capture/release recorded
- Photos

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

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

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

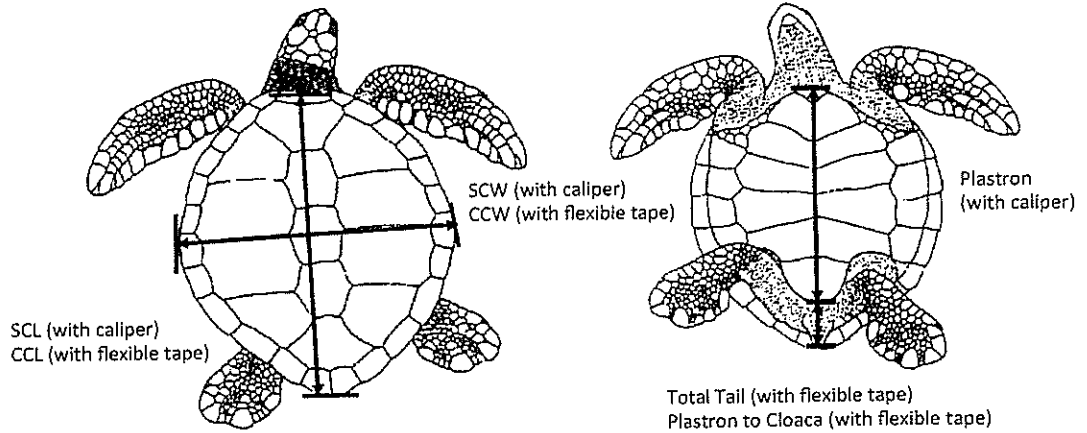
LAT(dd): \_\_\_\_\_

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

Important Data. If found, please return to Todd.Jones@noaa.gov or 808-725-5713. Thank You!

5

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:

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

6

# MTBAP DATA FORM

Basking In-water

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

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

TURTLE # of Day / MOTOTOOL #: HA183

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

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

Date (MM/DD/YY): 03/31/23

Platform/Method: Hand Capture

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

Capture Location Region: \_\_\_\_\_

Island/Atoll: H1

Area: Pinnacle

Site: Pinnacle

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

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

Water Temp: \_\_\_\_\_ °C

Air Temp: \_\_\_\_\_ °C

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

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

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

Straight Carapace Length (SCL): 46.3 cm

Straight Carapace Width (SCW): 36.3 cm

Curved Carapace Length (CCL): 48.5 cm

Curved Carapace Width (CCW): 42.5 cm

Plastron Straight Length (PSL): 37.5 cm

Total Tail Length: 9.0 cm

Tail length (Plastron to Cloaca): 6.0 cm

Mass: 13.24 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

Decimal: 

982.000364285030

Flipper Tags (:

Decimal: 

982.000364284679

Hexadecimal: 

3D6.0015B68C66

\_\_ LH New

Hexadecimal: 

3D6.0015B68B07

\_\_ RH New

(print new on PIT tag to label here)

Location Status

PIT/Metal flipper tag

Location	Status	982.00	0	3	1	2	3	4	5	6	7	8
LH	New											
LH	New											
RH	New											
RH	Old	982.00	0	3	1	2	3	4	5	6	7	8

metal

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

- Mototool # applied
- Turtle ID (# of day, metal, PIT recorded)
- Measurements recorded
- Sat tag PTT ID recorded, switched ON
- Epoxy/Paint are dry
- Check saltwater switches are clear, free from epoxy, paint, tape removed
- Location of capture/release recorded
- Photos

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

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

Garmin

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

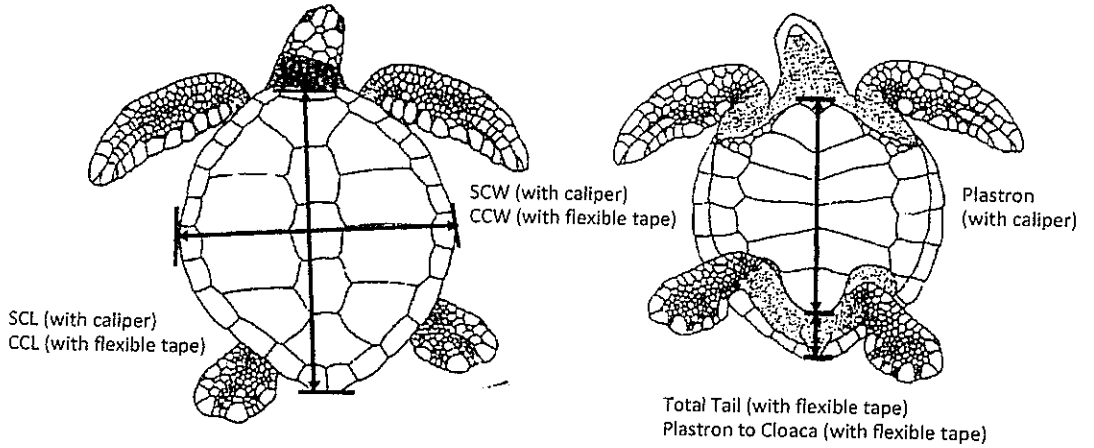
LAT(dd): \_\_\_\_\_

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

Important Data. If found, please return to Todd Innes@nasa.gov or 802-725-5713. 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:

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

7

# MTBAP DATA FORM

Basking In-water

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

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

TURTLE # of Day / MOTOTOOL #: HA 184

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: T.S

Date (MM/DD/YY): 03/31/2023

Platform/Method: Hand capture

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

Capture Location Region: \_\_\_\_\_ Island/Atoll: H1 Area: Punalu'u Site: PungLu'u

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

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

Straight Carapace Length (SCL): 55.8 cm

Straight Carapace Width (SCW): 45.8 cm

Curved Carapace Length (CCL): 59.5 cm

Curved Carapace Width (CCW): 56.05 cm

Plastron Straight Length (PSL): 43.4 cm

Total Tail Length: 12.5 cm

Tail length (Plastron to Cloaca): 9 cm

Mass: 26.58 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)

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

Location	Status	PIT/Metal Flipper Tag #											
LH	New	--	--	--	--	--	--	P	I	9	9	9	9
RH	Old		1	0	5	1	0	B	1	4	6	1	
LH	Old			0	5	2	2	1	5	E	5	E	
LH	New		P	I	6	0	3	5					
RH	Old	982.00	0	P	1	0	3	6	5	6	7	8	

metal pit

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 N8G 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

- Mototool # applied
- Turtle ID (# of day, metal, PIT recorded)
- Measurements recorded
- Sat tag PTT ID recorded, switched ON
- Epoxy/Paint are dry
- Check saltwater switches are clear, free from epoxy, paint, tape removed
- Location of capture/release recorded
- Photos

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

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

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

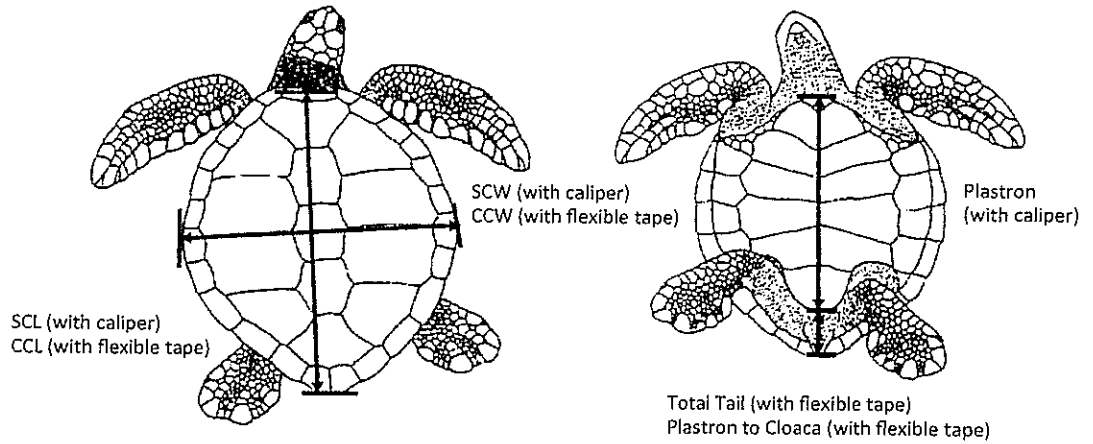
LAT(dd): \_\_\_\_\_

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

Important Data. If found, please return to Todd.Jones@noaa.gov or 808-725-5713. Thank You!

(X)

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:

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

6

v022120

# MTBAP DATA FORM

Basking In-water

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

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

TURTLE # of Day / MOTOTOOL #: HA185 Turtle ID (database): \_\_\_\_\_

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

Observer Names/Initials: T.S Date (MM/DD/YY): 03/31/23

Platform/Method: Hand Capture Handling Start Time (24hr format): \_\_\_\_\_

Capture Location Region: MHI Island/Atoll: HAWA Area: Puna Lu'u Site: Puna Lu'u

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

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

Straight Carapace Length (SCL): 46.7 cm

Straight Carapace Width (SCW): 36.4 cm

Curved Carapace Length (CCL): 50.0 cm

Curved Carapace Width (CCW): 44.0 cm

Plastron Straight Length (PSL): 36.0 cm

Total Tail Length: 11 cm

Tail length (Plastron to Cloaca): 7.5 cm

Mass: 14.05 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	Old		1	0	2	1	6	5	9	9
LH	Old		1	0	2	1	6	6	3	8
LH	New						P	I	6	2
RH	New						P	I	6	2
RH	Old	98200	0	3	1	2	3	4	5	6

metal

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: \_\_\_\_\_

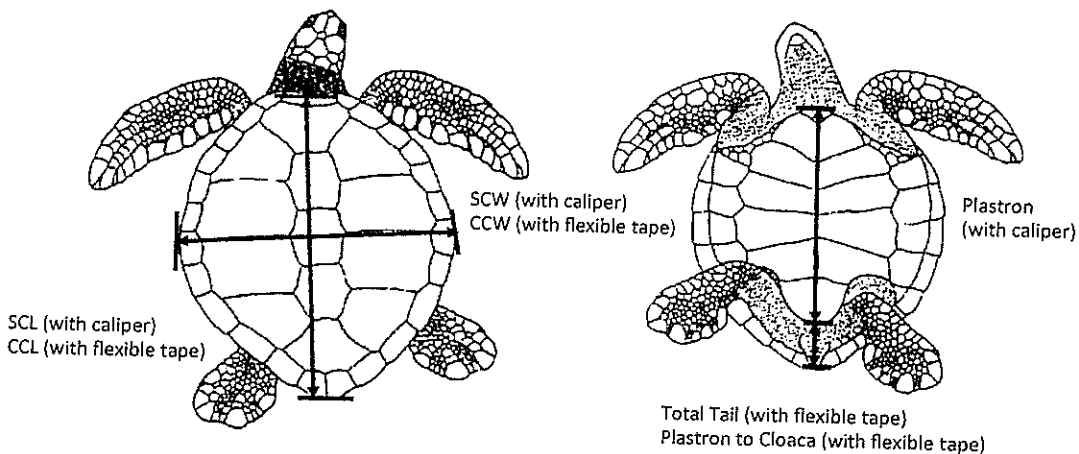
Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

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

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

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

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: 1.25 mL

Left Shoulder: .625 mL    Right Shoulder: .625 mL

Comments:

Fishing line tangled,  
removed from right flipper



2

# MTBAP DATA FORM

Basking In-water

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

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

TURTLE # of Day / MOTOTOOL #: HA186

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: T.S

Date (MM/DD/YY): 03/31/23

Platform/Method: Hand capture

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

Capture Location Region: \_\_\_\_\_ Island/Atoll: H1 Area: Pumaluu Site: Pumaluu

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

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

Straight Carapace Length (SCL): 46.8 cm

Straight Carapace Width (SCW): 38.7 cm

Curved Carapace Length (CCL): 49.0 cm

Curved Carapace Width (CCW): 46.0 cm

Plastron Straight Length (PSL): 40.4 cm

Total Tail Length: 10 cm

Tail length (Plastron to Cloaca): 6.5 cm

Mass: 17.55 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

Decimal: 982.000364284505

Flipper Tag Decimal: 982.000364285698

Hexadecimal: 3D6.0015B68A59 LH New

Hexadecimal: 3D6.0015B68F02 RH New

metal

Location	Status	PIT/Metal Flipper Tag #										
LH	New											
RH	New											
LH	New											
RH	Old	982.00	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

- Mototool # applied
- Turtle ID (# of day, metal, PIT recorded)
- Measurements recorded
- Sat tag PTT ID recorded, switched ON
- Epoxy/Paint are dry
- Check saltwater switches are clear, free from epoxy, paint, tape removed
- Location of capture/release recorded
- Photos

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

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

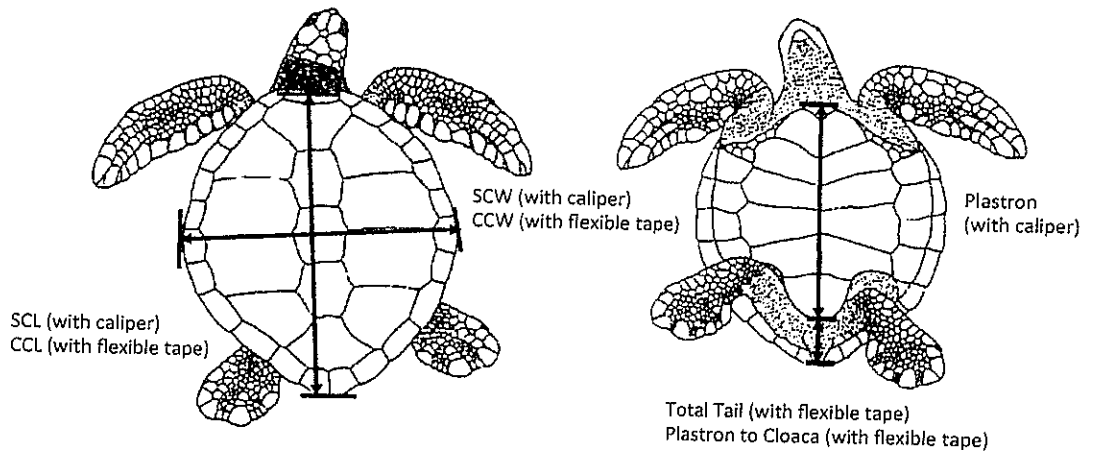
Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

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

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

Important Data. If found, please return to Todd Jones@nona nov or 808-725-5713 Thank You!

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: 1.88 mL  
 Left Shoulder: 0.94 mL    Right Shoulder: 0.94 mL

Comments: posterior marginals missing & healed

10

# MTBAP DATA FORM

Basking In-water

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

TURTLE # of Day / MOTOTOOL #: HA187 ← HA187

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: T.S.

Date (MM/DD/YY): 03/31/09

Platform/Method: Hand Capture

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

Capture Location Region: \_\_\_\_\_ Island/Atoll: H1 Area: Punalu'u Site: Punalu'u

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

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

Straight Carapace Length (SCL): 59.7 cm

Straight Carapace Width (SCW): 45.5 cm

Curved Carapace Length (CCL): 63.0 cm

Curved Carapace Width (CCW): 55.5 cm

Plastron Straight Length (PSL): 47.4 cm

Total Tail Length: 14.0 cm

Tail length (Plastron to Cloaca): 10.0 cm

Mass: 24.85 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)

(Affix new LH PIT tag ID label here)

LH New

(Affix new RH PIT tag ID label here)

RH New

Location	Status	PIT/Metal Flipper Tag #											
LH	New												
RH	Old												
LH	Old			1	8	2	1	6	6	3	2	6	9
RH	New					2	1	6	6	3	2	2	
LH	New							1	6	6	2	5	3
RH	Old	982.00	0	3	1	2	3	4	5	6	7	5	4

metal

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 #: \_\_\_\_\_

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

### Pre-release Checklist

- Mototool # applied
- Turtle ID (# of day, metal, PIT recorded)
- Measurements recorded
- Sat tag PTT ID recorded, switched ON
- Epoxy/Paint are dry
- Check saltwater switches are clear, free from epoxy, paint, tape removed
- Location of capture/release recorded
- Photos

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

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

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

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

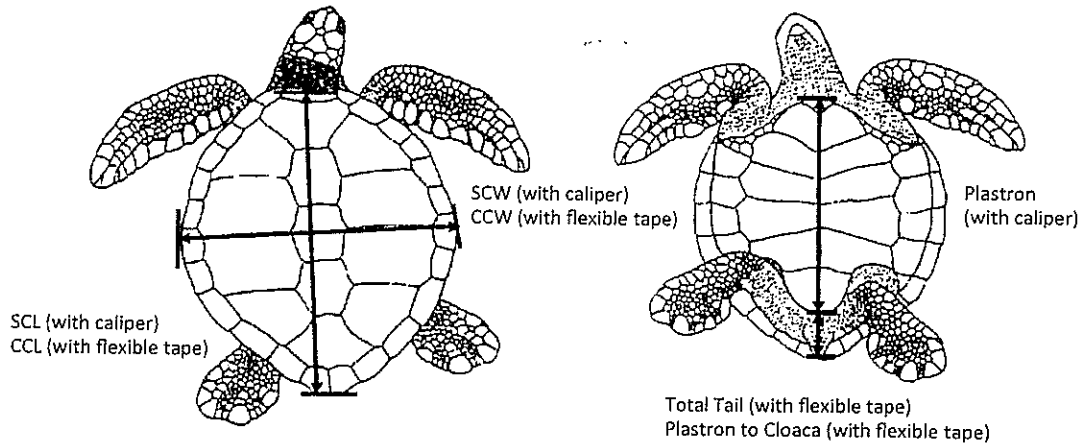
LAT(ddd): \_\_\_\_\_

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

Important Data. If found, please return to Todd Innes@noan.nov or 808-725-5713 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: 3.13 mL

Left Shoulder: 1.54 mL Right Shoulder: 1.5 mL

Comments:

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 #: HA188

Species (circle one): Cr Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: T.S

Date (MM/DD/YY): 03/31/23

Platform/Method: Hand capture

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

Capture Location Region: \_\_\_\_\_ Island/Atoll: H1 Area: Punahoa Site: Punahoa

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

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

Straight Carapace Length (SCL): 77mm 57.1 cm

Straight Carapace Width (SCW): 45.8 cm

Curved Carapace Length (CCL): 61.5 cm

Curved Carapace Width (CCW): 54.5 cm

Plastron Straight Length (PSL): 44.3 cm

Total Tail Length: 13.5 cm

Tail length (Plastron to Cloaca): 9 cm

Mass: 24.1 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	8	9	P	8	2	3	9	9
LH	Old		6	5	0	8	2	6	8	4		
RH	Old		6	5	0	8	P	I	6	2	5	6
RH	New						P	I	6	2	5	5
LH	New						P	I	6	2	5	5
RH	Old	982.00	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

- Mototool # applied
- Turtle ID (# of day, metal, PIT recorded)
- Measurements recorded
- Sat tag PTT ID recorded, switched ON
- Epoxy/Paint are dry
- Check saltwater switches are clear, free from epoxy, paint, tape removed
- Location of capture/release recorded
- Photos

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

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

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

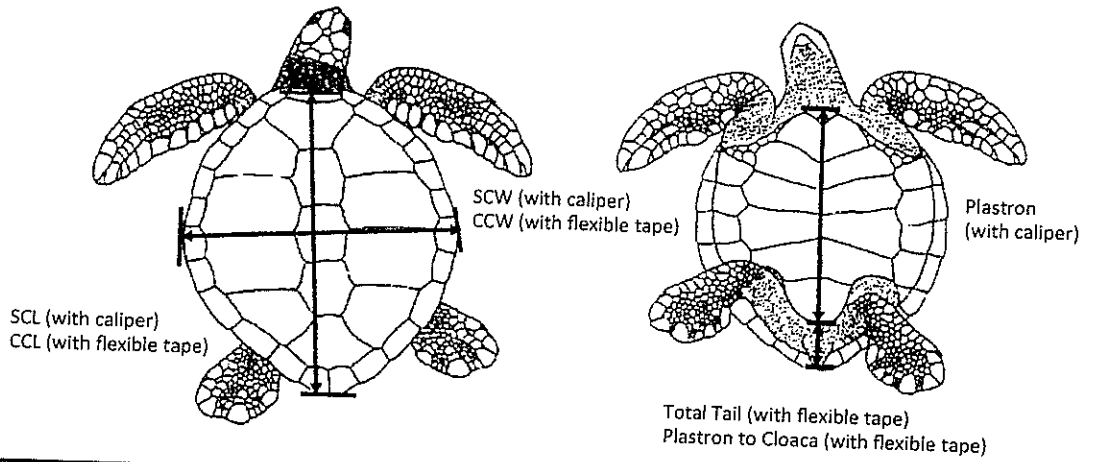
LAT(dd): \_\_\_\_\_

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

Important Data. If found, please return to Todd.Jones@noaa.gov or 808-725-5713. 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: 3.13 mL  
Left Shoulder: 1.5 mL    Right Shoulder: 1.5 mL

Comments:

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

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# MTBAP DATA FORM

Basking In-water

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

TURTLE # of Day / MOTOTOOL #: HA189

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M ♂

Observer Names/Initials: T.S

Date (MM/DD/YY): 03/31/23

Platform/Method: Hand capture

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

Capture Location Region: \_\_\_\_\_ Island/Atoll: H1 Area: Punalu'u Site: Punalu'u

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): 64.4 cm

Straight Carapace Width (SCW): 54.2 cm

Curved Carapace Length (CCL): 69.5 cm

Curved Carapace Width (CCW): 66.0 cm

Plastron Straight Length (PSL): 51.8 cm

Total Tail Length: 17 cm

Tail length (Plastron to Cloaca): 11.5 cm

Mass: 36.6 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 \_\_\_\_\_ 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	old		1	C	4	A	7	3	E	A	3	4
LH	old		1	C	4	A	7	3	E	A	3	4
LH	New											
RH	New											
RH	Old	982.00	0	3	1	2	3	4	5	6	5	8

metal

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**
- \_\_\_\_ Mototool # applied
  - \_\_\_\_ Turtle ID (# of day, metal, PIT recorded)
  - \_\_\_\_ Measurements recorded
  - \_\_\_\_ Sat tag PTT ID recorded, switched ON
  - \_\_\_\_ Epoxy/Paint are dry
  - \_\_\_\_ Check saltwater switches are clear, free from epoxy, paint, tape removed
  - \_\_\_\_ Location of capture/release recorded
  - \_\_\_\_ Photos

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

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

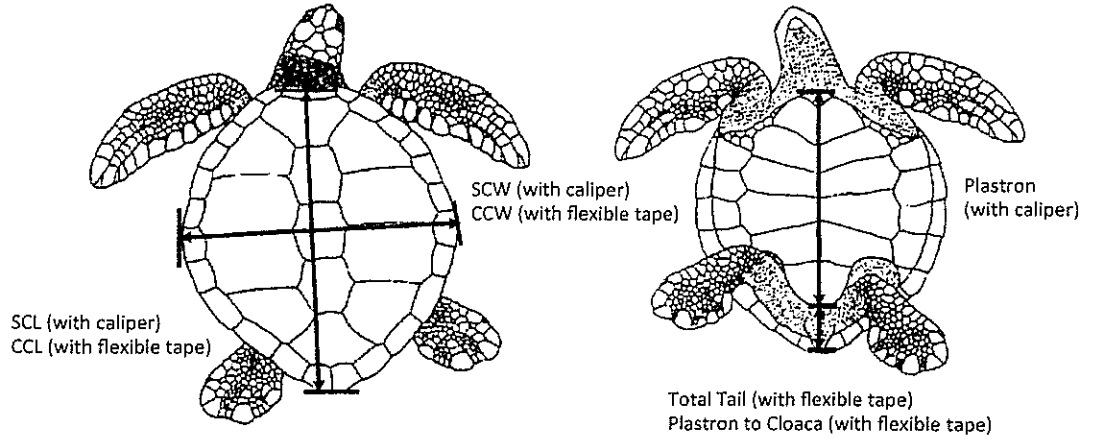
Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

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

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

Important Data. If found, please return to Todd.Janes@noaa.gov or 808-725-5713. Thank You!

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: 3.8 mL  
Left Shoulder: 1.9 mL    Right Shoulder: 1.9 mL

Comments:



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# MTBAP DATA FORM

Basking In-water

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

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

TURTLE # of Day / MOTOTOOL #: HA190

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: T.S

Date (MM/DD/YY): 03/01/23

Platform/Method: Hand Capture

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

Capture Location Region: \_\_\_\_\_ Island/Atoll: H1 Area: Punalu'u Site: Punalu'u

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

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

Straight Carapace Length (SCL): 41.1 cm

Straight Carapace Width (SCW): 34.7 cm

Curved Carapace Length (CCL): 44.0 cm

Curved Carapace Width (CCW): 40.5 cm

Plastron Straight Length (PSL): 434.0 cm

Total Tail Length: 7.5 cm

Tail length (Plastron to Cloaca): 5.0 cm

Mass: 10.7 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

decimal: 982.000402165762

Flipper Tags decimal: 982.000402166153

exadecimal: 3D6.0017F89002

\_\_\_ LH New

exadecimal: 3D6.0017F89189

\_\_\_ RH New

Location	Status	PIT/Metal Flipper Tag #											
LH	New	--	--	--	--	--	--	P	I	6	2	6	0
LH	New							P	I	6	2	5	9
RH	New												
RH	Old	982.00	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

- \_\_\_ Mototool # applied
- \_\_\_ Turtle ID (# of day, metal, PIT recorded)
- \_\_\_ Measurements recorded
- \_\_\_ Sat tag PTT ID recorded, switched ON
- \_\_\_ Epoxy/Paint are dry
- \_\_\_ Check saltwater switches are clear, free from epoxy, paint, tape removed
- \_\_\_ Location of capture/release recorded
- \_\_\_ Photos

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

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

Garmin

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

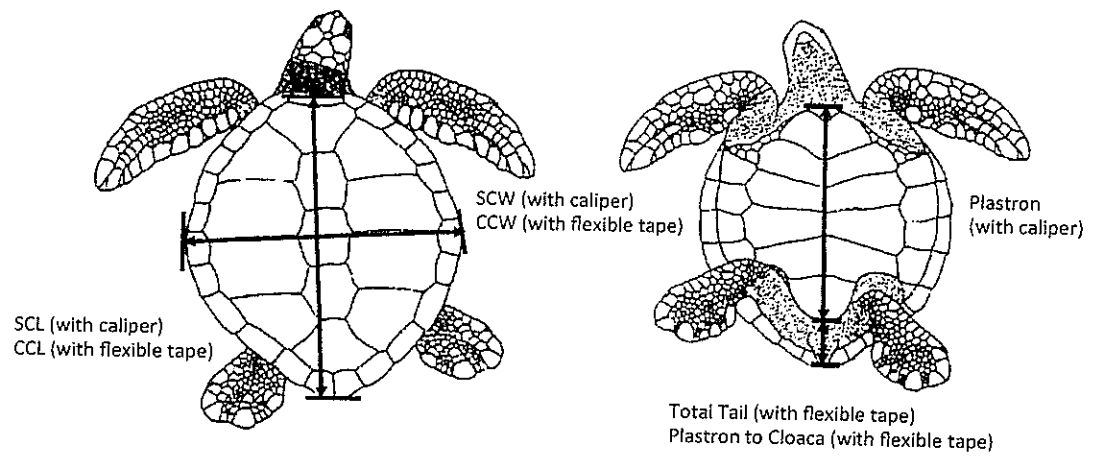
LAT(dd): \_\_\_\_\_

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

Important Data. If found, please return to Todd.Jones@noaa.gov or 808-725-5713. 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: 1.0 mL  
Left Shoulder: .5 mL    Right Shoulder: .5 mL

Comments:

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

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(14)

v022120

# MTBAP DATA FORM

Basking In-water

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

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

TURTLE # of Day / MOTOTOOL #: HA191 Turtle ID (database): \_\_\_\_\_

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: T.S

Date (MM/DD/YY): 06/31/23

Platform/Method: Hand Capture

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

Capture Location Region: MHI Island/Atoll: HAWA Area: PunaLw'u Site: PunaLw'u

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

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

Straight Carapace Length (SCL): 55.0 cm

Straight Carapace Width (SCW): 42.6 cm

Curved Carapace Length (CCL): 58.5 cm

Curved Carapace Width (CCW): 50.0 cm

Plastron Straight Length (PSL): 43.3 cm

Total Tail Length: 12.5 cm

Tail length (Plastron to Cloaca): 8 cm

Mass: 21.4 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 \_\_\_\_\_ 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 #										
		0	1	2	3	4	5	6	7	8	9	
LH	New											
LH	Old	0	6	4	9	1	8	5	4	3	9	
RH	Old	0	6	4	9	9	9	1	0	2	0	
LH	New					P	I	6	0	4	0	
RH	New					P	I	6	0	3	9	
RH	Old	98200	0	3	1	2	3	4	5	6	7	8

metal

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: \_\_\_\_\_

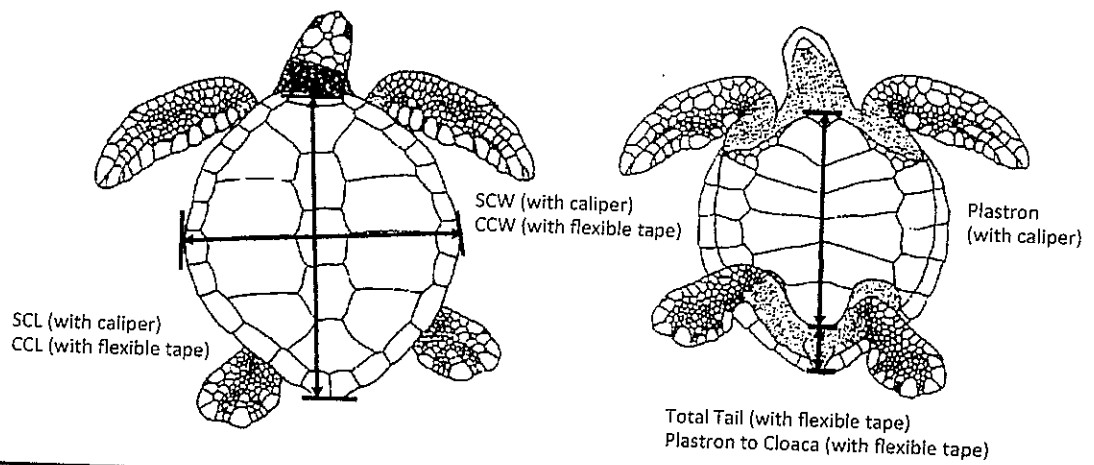
Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

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

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

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

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:

# MTBAP DATA FORM

Basking In-water

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

TURTLE # of Day / MOTOTOOL #: HA192

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U  
Date (MM/DD/YY): 03/31/23

Observer Names/Initials: T.S

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

Platform/Method: Hand Capture

Capture Location Region: \_\_\_\_\_ Island/Atoll: H1 Area: PunaLu'u Site: PunaLu'u

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

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

Straight Carapace Length (SCL): 44.5 cm

Straight Carapace Width (SCW): 35.5 cm

Curved Carapace Length (CCL): 47.0 cm

Curved Carapace Width (CCW): 42.0 cm

Plastron Straight Length (PSL): 34.9 cm

Total Tail Length: 9.5 cm

Tail length (Plastron to Cloaca): 7 cm

Mass: 12.25 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

Decimal: 982.000402166135

Flipper Tags Decimal: 982.000402165727

Hexadecimal: 3D6.0017F89177

Hexadecimal: 3D6.0017F88FDF

H New

RH New

Location	Status	PIT/Metal Flipper Tag #											
LH	New	--	--	--	--	--	--	P	I	6	0	4	2
RH	New							P	I	6	0	4	1
LH	New												
RH	Old	982.00	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

- Mototool # applied
- Turtle ID (# of day, metal, PIT recorded)
- Measurements recorded
- Sat tag PTT ID recorded, switched ON
- Epoxy/Paint are dry
- Check saltwater switches are clear, free from epoxy, paint, tape removed
- Location of capture/release recorded
- Photos

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

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

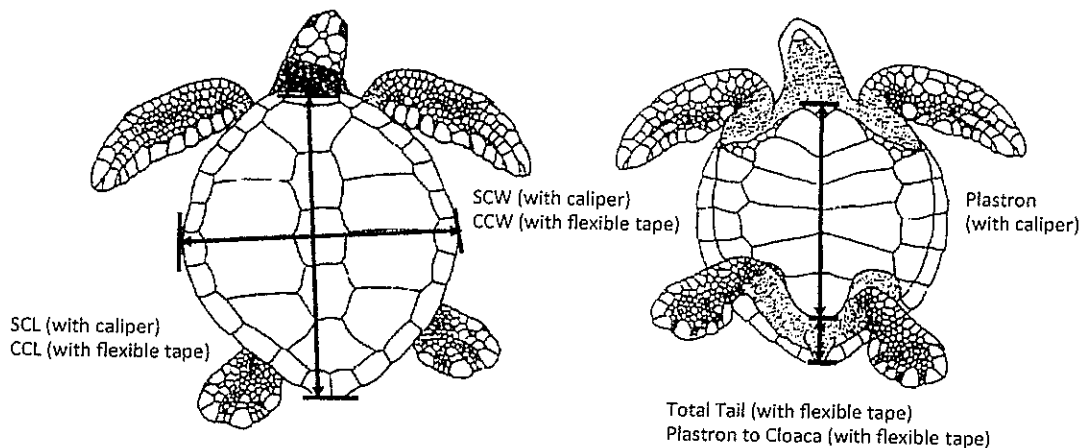
Garmin ID (last 4 digits): \_\_\_\_\_ GPS Waypoint #: \_\_\_\_\_

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

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

Important Data. If found, please return to [Todd.Jones@noaa.gov](mailto:Todd.Jones@noaa.gov) or 808-725-5713. Thank You!

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: 1.25 mL  
 Left Shoulder: 0.625 mL    Right Shoulder: 0.625 mL

Comments: Fishing line on right flipper; removed.