

MTBAP DATA FORM

Basking

In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: HA 1

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: _____

Date (MM/DD/YY): 04/09/19

Platform/Method: Wood Fence Net

Handling Start Time (24hr format): 0920

Capture Location Region: Kiholo Hawaiian Islands

Island/Atoll: HT

Area: Kiholo Site: TNE

Garmin ID (last 4 digits): _____

LAT (dd): _____

Water Temp: 22.8°C Air Temp: 25.7°C

GPS Waypoint #: _____

LONG (dd): _____

Water Depth: 1 m

Straight Carapace Length (SCL): 46.9 cm

Straight Carapace Width (SCW): 36.9 cm

Curved Carapace Length (CCL): 50.0 cm

Curved Carapace Width (CCW): 44.0 cm

Plastron Straight Length (PSL): 37.9 cm

Total Tail Length: 9.0 cm

Tail length (Plastron to Cloaca): 5.0 cm

Mass: 14.0 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: 0934 # Tubes: 1

Volume: 6 mL Preservative: Na/Hep (other)

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

Decimal: 

982.000402172004

Flipper Tags (2 T)

Decimal: 

982.000402169550

Hexadecimal: 

3D6.0017F8A864

LH New

Hexadecimal: 

3D6.0017F89ECE

RH New

Location	Status	PIT/Metal Flipper Tag #											
LH	New	--	--	--	--	--	P	1	9	9	9	9	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): _____

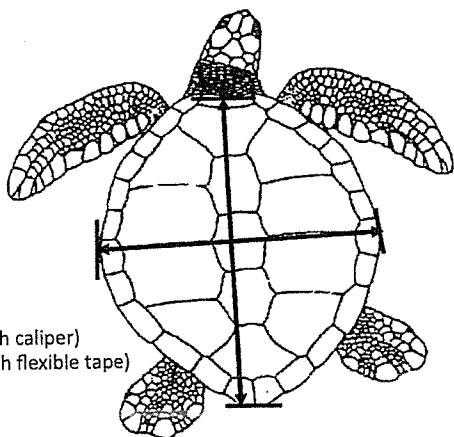
Area/Site: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

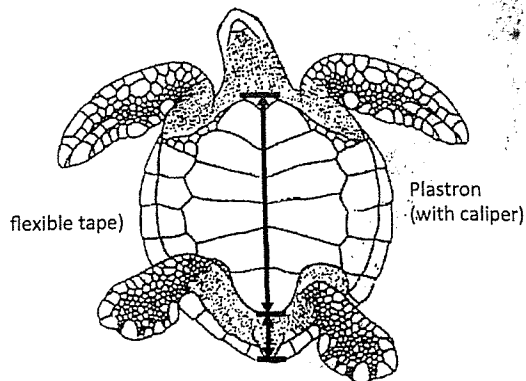
LAT (dd): _____

LONG (dd): _____

Draw any abnormalities below:



SCL (with caliper)
CCL (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 one): Ultrasound Lavage Laparoscopy NONE

Comments:

robust
moto tool HAI

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: 21 / HA2

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: _____

Date (MM/DD/YY): 4/9/19

Platform/Method: Kenex Net

Handling Start Time (24hr format): 0930

Capture Location Region: Hawaiian Archipelago Island/Atoll: Hawaii Area: Kiholo Site: _____

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

GPS Waypoint #: _____ LONG(dd): _____ Water Depth: _____ m

Straight Carapace Length (SCL): 41.4 cm
 Straight Carapace Width (SCW): 32.2 cm
 Curved Carapace Length (CCL): 43.5 cm
 Curved Carapace Width (CCW): 39.0 cm

Plastron Straight Length (PSL): 33.6 cm
 Total Tail Length: 7.5 cm
 Tail length (Plastron to Cloaca): 4.5 cm
 Mass: 7.2 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: 9:42 # Tubes: 1

Volume: 6 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	
LH	New													
LH	Old	98200	0	3	6	4	9	9	4	1	2	1		
RH	Old	"	0	3	6	4	2	8	7	0	6	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

- ____ 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): _____

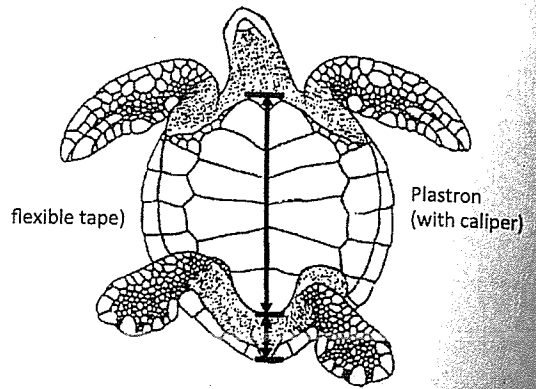
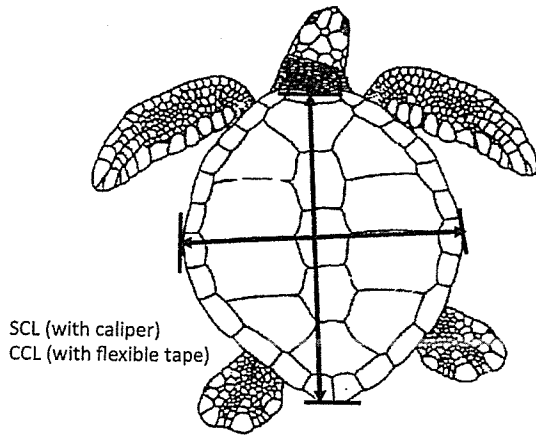
Area/Site: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

LAT(dd): _____

LONG(dd): _____

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 one): Ultrasound Lavage Laparoscopy NONE

Comments:

Flat Plastron
Moto tooled = HA2

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: 3 / HAZ

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Laura Jm

Date (MM/DD/YY): 04/09/19

Platform/Method: Scoop Net

Handling Start Time (24hr format): _____

Capture Location Region: Hawaii

Island/Atoll: Hawaii

Area: Kiholo

Site: _____

Garmin ID (last 4 digits): _____

LAT(dd): _____

Water Temp: _____ °C

Air Temp: _____ °C

GPS Waypoint #: _____

LONG(dd): _____

Water Depth: _____ m

Straight Carapace Length (SCL): 39.1 cm

Straight Carapace Width (SCW): 32.1 cm

Curved Carapace Length (CCL): 44.5 cm

Curved Carapace Width (CCW): 30.5 cm

Plastron Straight Length (PSL): 31.5 cm

Total Tail Length: 7.5 cm

Tail length (Plastron to Cloaca): 5.0 cm

Mass: 8.2 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: 9:51 # Tubes: 1

Volume: 6 mL Preservative: Na/Hep (other)

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

Decimal: 982.000402172024

Flipper Tags (2)

Decimal: 982.000402172086

Hexadecimal: 3D6.0017F8A878

_ LH New

Hexadecimal: 3D6.0017F8A8B6

_ RH New

Location	Status	PIT/Metal Flipper Tag #										
LH	New	--	--	--	--	--	P	1	9	9	9	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: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

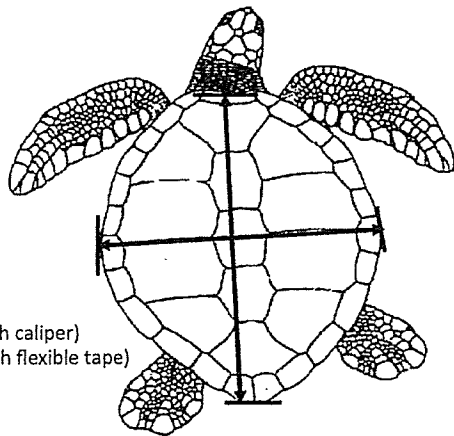
LAT(dd): _____

LONG(dd): _____

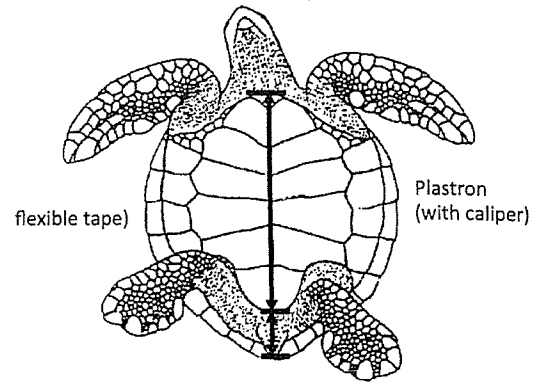
ron
caliper)

4

Draw any abnormalities below:



SCL (with caliper)
CCL (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 one): Ultrasound Lavage Laparoscopy **NONE**

Comments: Algae in mouth / Robust
Moto Tool HAZ

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: ^{4/} HR4

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: _____ Date (MM/DD/YY): 04/09/11

Platform/Method: SCOOP NET Handling Start Time (24hr format): 0942

Capture Location Region: Hawaiian Archipelago Island/Atoll: Hawaii Area: Kiholo Site: _____

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

GPS Waypoint #: _____ LONG(dd): _____ Water Depth: _____ m

Straight Carapace Length (SCL): 37.0 cm

Straight Carapace Width (SCW): 31.9 cm

Curved Carapace Length (CCL): 39.0 cm

Curved Carapace Width (CCW): 37.0 cm

Plastron Straight Length (PSL): 30.4 cm

Total Tail Length: 6.0 cm

Tail length (Plastron to Cloaca): 2.5 cm

Mass: 7.0 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: 10:07 # Tubes: 2

Volume: 1+0.5 mL Preservative: Na/Hep (other)

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

Decimal: 982.000402169823

Flipper Tags (2 Type):

Decimal: 982.000402171532

Hexadecimal: 3D6.0017F89FDF

____ LH New

Hexadecimal: 3D6.0017F8A68C

____ New

Location	Status	PIT/Metal Flipper Tag #											
LH	New	--	--	--	--	--	P	1	9	9	9	9	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): _____

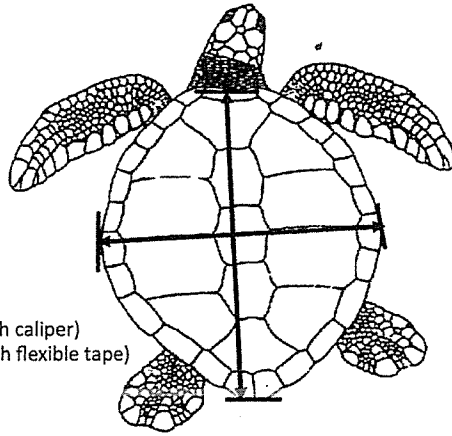
Area/Site: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

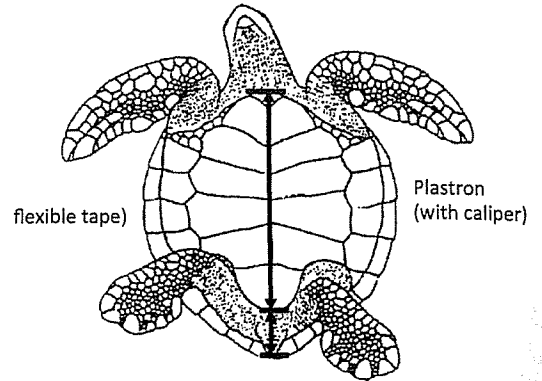
LAT(dd): _____

LONG(dd): _____

Draw any abnormalities below:



SCL (with caliper)
CCL (with flexible tape)



flexible tape) Plastron (with caliper)

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 one): Ultrasound Lavage Laparoscopy **NONE**

Comments: Moto tool H44
Robust

MTBAP DATA FORM

Event ID (database): _____

Basking

In-water

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: 5/HA5

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: _____ Date (MM/DD/YY): 04/09/19

Platform/Method: Hand Handling Start Time (24hr format): 10:04

Capture Location Region: Hawaii Island/Atoll: Hawaii Area: Kiholo Site: _____

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

GPS Waypoint #: _____ LONG(dd): _____ Water Depth: _____ m

Straight Carapace Length (SCL): 52.1 cm

Straight Carapace Width (SCW): 41.2 cm

Curved Carapace Length (CCL): 56.5 cm

Curved Carapace Width (CCW): 51.5 cm

Plastron Straight Length (PSL): 42.0 cm

Total Tail Length: 9.5 cm

Tail length (Plastron to Cloaca): 6.0 cm

Mass: 17.8 ~~19.2~~ 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: 10:16 # Tubes: 1

Volume: 6 mL Preservative: Na/Hep (other)

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

Flipper Tags (2 Types)

_____ LH New

(Affix new LH PIT tag ID label here)

_____ RH New

(Affix new RH PIT tag ID label here)

Location	Status	PIT/Metal Flipper Tag #										
LH	New	--	--	--	--	--	P	1	9	9	9	9
LH	Old	4	6	2	8	4	D	5	B	1	B	
RH	Old	4	6	2	8	6	F	2	A	4	C	
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): _____

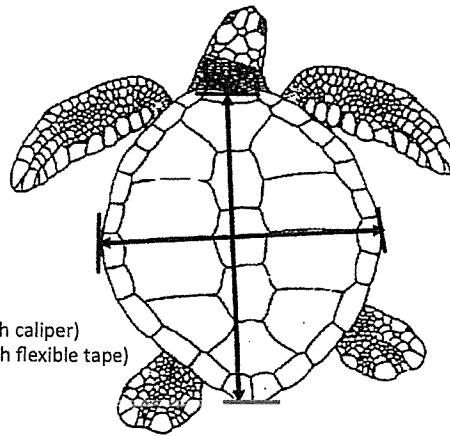
Area/Site: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

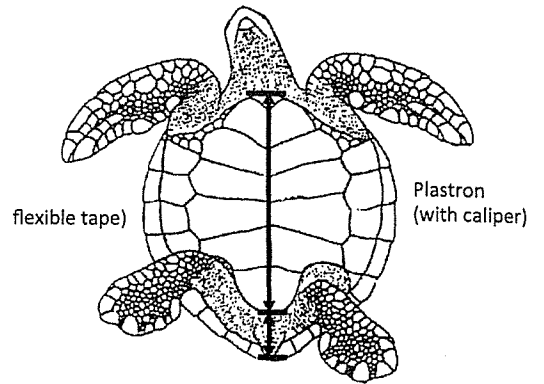
LAT(dd): _____

LONG(dd): _____

Draw any abnormalities below:



SCL (with caliper)
CCL (with flexible tape)



flexible tape)

Plastron
(with caliper)

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 one): Ultrasound Lavage Laparoscopy

NONE

Comments:

Moto Tool- HA5

MTBAP DATA FORM

Event ID (database): _____

Basking In-water

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: 01/HH 6

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: _____

Date (MM/DD/YY): 04/09/19

Platform/Method: Basking/Hand

Handling Start Time (24hr format): 1018

Capture Location Region: Hawaiian Archipelago Island/Atoll: Hawaii

Area: Kiholo Site: _____

Garmin ID (last 4 digits): _____

LAT(dd): _____

Water Temp: _____ °C

Air Temp: _____ °C

GPS Waypoint #: _____

LONG(dd): _____

Water Depth: _____ m

Straight Carapace Length (SCL): 40.7 cm

Straight Carapace Width (SCW): 32.4 cm

Curved Carapace Length (CCL): 43.5 cm

Curved Carapace Width (CCW): 38.5 cm

Plastron Straight Length (PSL): 32.9 cm

Total Tail Length: 8.0 cm

Tail length (Plastron to Cloaca): 5.5 cm

Mass: 9.4 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: 10:33 # Tubes: 2

Volume: 6/2 mL (Preservative: Na/Hep) (other)

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

Flipper Tags (2 Types)

Decimal: 982.000402168475

Hexadecimal: 3D6.0017F89A9B

_____ LH New

Decimal: 982.000402171323

_____ RH New

Hexadecimal: 3D6.0017F8A5BB

Location	Status	PIT/Mc												
LH	New	--	--	--	--	--	--	--	--	--	--	--	--	--
RH	Old	982.00	0	3	1	2	3	4	5	6	7	8	9	9

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): _____

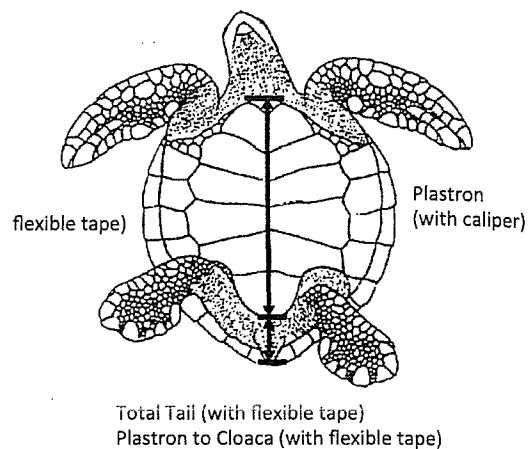
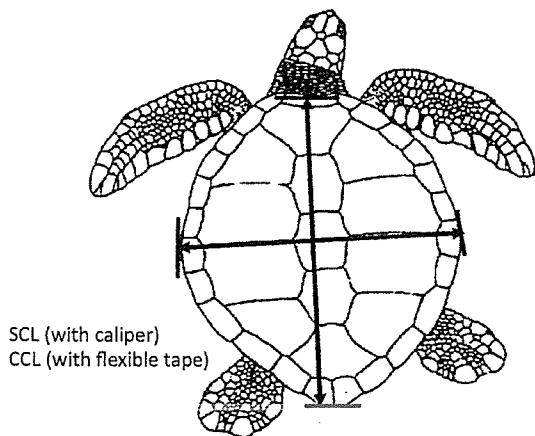
Area/Site: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

LAT(dd): _____

LONG(dd): _____

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 one): Ultrasound Lavage Laparoscopy NONE

Comments: Moto Tool ^{HA} #6

2nd plastron scute flaking

MTBAP DATA FORM

Event ID (database): _____

Validation Date: _____ Initials: _____

Basking In-water

TURTLE # of Day / MOTOTOOL #: 7 / 1047

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U ~~1057~~

Observer Names/Initials: _____ Date (MM/DD/YY): 04/09/19

Platform/Method: Hand Handling Start Time (24hr format): 10:38

Capture Location Region: Hawaiian Island/Atoll: Hawaii Area: Kiholo Site: _____

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): 43.3 cm

Curved Carapace Length (CCL): 62.0 cm

Curved Carapace Width (CCW): 52.0 cm

Plastron Straight Length (PSL): 47.6 cm

Total Tail Length: 14.1 cm

Tail length (Plastron to Cloaca): 6.6 cm

Mass: 24.4 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: 1047 # Tubes: 1

Volume: 4 mL Preservative: Na/Hep ✓ (other)

Tube Type/Size: Glass Plastic 2 mL 5 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	<u>982.00</u>	0	1	9	0	6	9	0	7	3	5
RH	<u>Old</u>	<u>982.00</u>	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): 1057

Area/Site: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

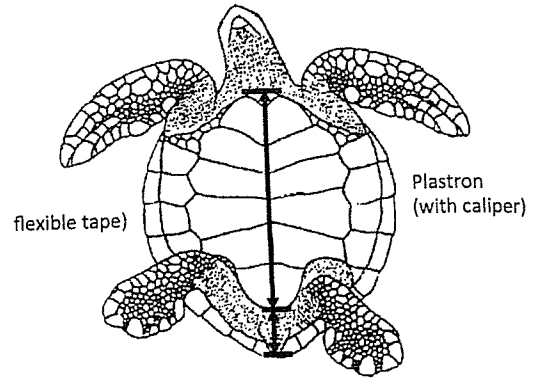
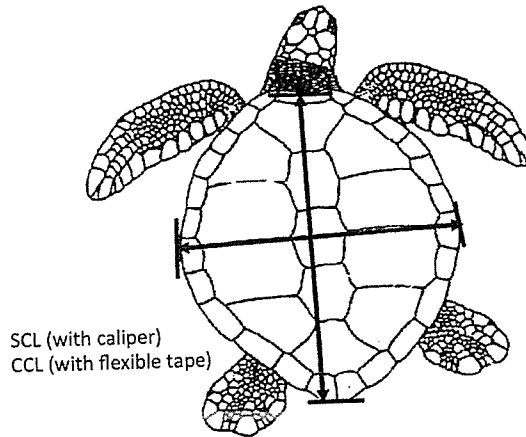
LAT(dd): _____

LONG(dd): _____

stron
th caliper)

4

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 one): Ultrasound Lavage Laparoscopy NONE

Comments: HA7

MTBAP DATA FORM

Event ID (database): _____

Validation Date: _____ Initials: _____

Basking In-water

TURTLE # of Day / MOTOTOOL #: 8 / HA8

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: _____

Date (MM/DD/YY): 04/09/19

Platform/Method: Fence net (set net)

Handling Start Time (24hr format): 1053h

Capture Location Region: Hawaii

Island/Atoll: Hawaii

Area: Kiholo

Site: _____

Garmin ID (last 4 digits): _____

LAT(dd): _____

Water Temp: _____ °C

Air Temp: _____ °C

GPS Waypoint #: _____

LONG(dd): _____

Water Depth: _____ m

Straight Carapace Length (SCL): 38.2 cm

Straight Carapace Width (SCW): 32.7 cm

Curved Carapace Length (CCL): 40.7 cm

Curved Carapace Width (CCW): 37.3 cm

Plastron Straight Length (PSL): 31.3 cm

Total Tail Length: 4.5 cm

Tail length (Plastron to Cloaca): 2.5 cm

Mass: 6.6 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 1

Skin Location LRFF

of Scute Vials -

Scute Location -

of Tumor Vials -

Tumor Location -

Blood Collection Time: 1106

Tubes: 1

Volume: 0.5 mL

Preservative: Na/Hep

(other) _____

Tube Type/Size: Glass Plastic

2 mL 6 mL 10 mL

Decimal: 982.000402169281

Flipper Tag Decimal: 982.000402172160

Hexadecimal: 3D6.0017F89DC1

___ LH New

Hexadecimal: 3D6.0017F8A900

___ RH New

Location	Status	PIT/Metal Flipper Tag #										
LH	New	--	--	--	--	--	P	1	9	9	9	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): _____

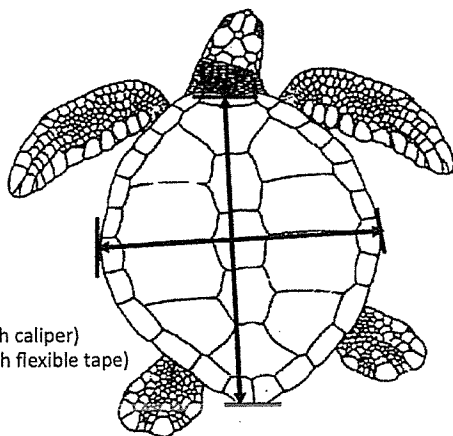
Area/Site: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

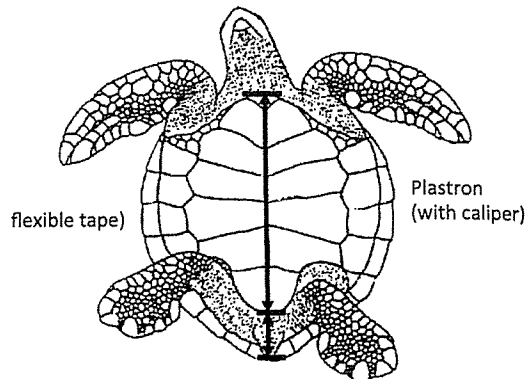
LAT(dd): _____

LONG(dd): _____

Draw any abnormalities below:



SCL (with caliper)
CCL (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				

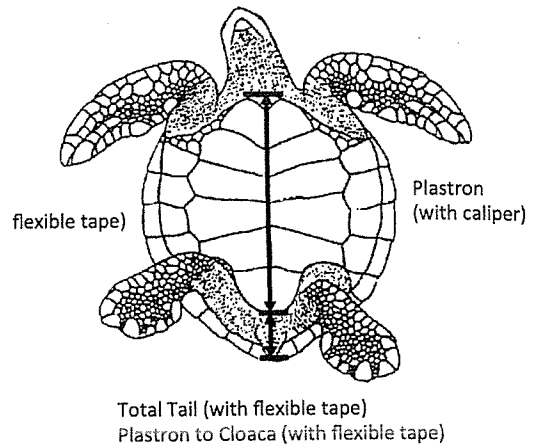
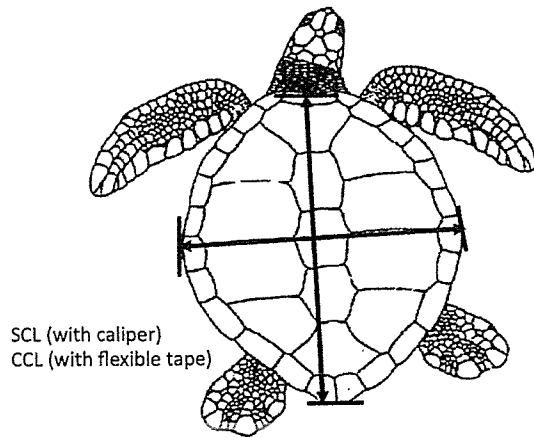
	Size: 1	2	3	4
Right FF				
Left FF				
Right HF				
Left HF				
Tail/Cloaca				
Seam/Scute				

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

Additional Procedures Performed (circle one): Ultrasound Lavage Laparoscopy **NONE**

Comments: Algae Caulerpa in mouth
HAB

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 one): Ultrasound Lavage Laparoscopy **NONE**

Comments: robust, Moto Tool HA9

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: 210 / HA10

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: _____

Date (MM/DD/YY): 04/09/19

Platform/Method: Scoop Net

Handling Start Time (24hr format): 10:56

Capture Location Region: Hawaiian Archipelago Island/Atoll: Hawaii Area: Kiholo Site: _____

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

GPS Waypoint #: _____ LONG(dd): _____ Water Depth: _____ m

Straight Carapace Length (SCL): 37.5 cm

Straight Carapace Width (SCW): 29.9 cm

Curved Carapace Length (CCL): 39.5 cm

Curved Carapace Width (CCW): 34.5 cm

Plastron Straight Length (PSL): 29.4 cm

Total Tail Length: 7.5 cm

Tail length (Plastron to Cloaca): 4.5 cm

Mass: 7.0 Kg 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 1 Skin Location LFF

of Scute Vials - Scute Location -

of Tumor Vials - Tumor Location -

Blood Collection Time: 1124 # Tubes: 1

Volume: 6 mL Preservative: Na/Hep (other)

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

decimal: decimal: 982.000402169586

Flipper Tags (2) decimal: decimal: 982.000402169594

exadecimal: hexadecimal: 3D6.0017F89EF2 LH New

exadecimal: hexadecimal: 3D6.0017F89EFA RH New

Location	Status	PIT/Metal Flipper Tag #										
LH	New	--	--	--	--	--	P	1	9	9	9	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: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

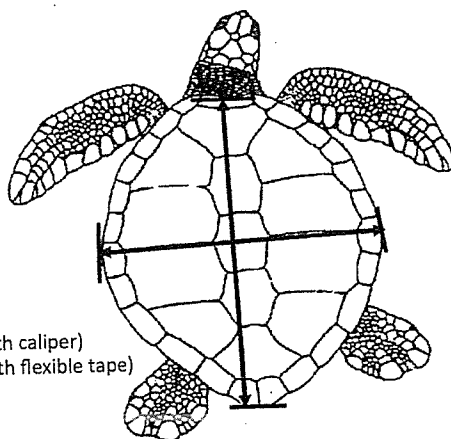
LAT(dd): _____

LONG(dd): _____

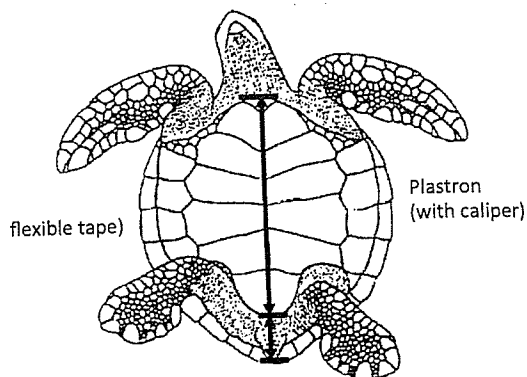
ron
caliper)

4

Draw any abnormalities below:



SCL (with caliper)
CCL (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 one): Ultrasound Lavage Laparoscopy

NONE

Comments:

Moto Tool HA10

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: ~~11~~ / ~~AA11~~

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: _____ Date (MM/DD/YY): 04/09/19

Platform/Method: _____ Handling Start Time (24hr format): 10:59

Capture Location Region: Hawaiian Archipelago Island/Atoll: HAWAII Area: Kiholo Site: _____

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

GPS Waypoint #: _____ LONG(dd): _____ Water Depth: _____ m

Straight Carapace Length (SCL): 41.7 cm
 Straight Carapace Width (SCW): 34.9 cm
 Curved Carapace Length (CCL): 44.0 cm
 Curved Carapace Width (CCW): 40.5 cm
 Plastron Straight Length (PSL): 32.9 cm
 Total Tail Length: 7.5 cm
 Tail length (Plastron to Cloaca): 4.5 cm
 Mass: 9.4 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 1 Skin Location LFF
 # of Scute Vials - Scute Location -
 # of Tumor Vials - Tumor Location -
 Blood Collection Time: 11:29 # Tubes: 1
 Volume: 6 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	5	2	5	6	6	3	4	4	2	9
RH	New	4	5	2	A	1	C	4	0	3	3	
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

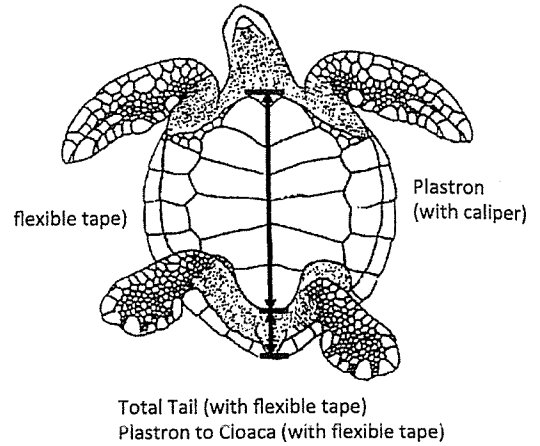
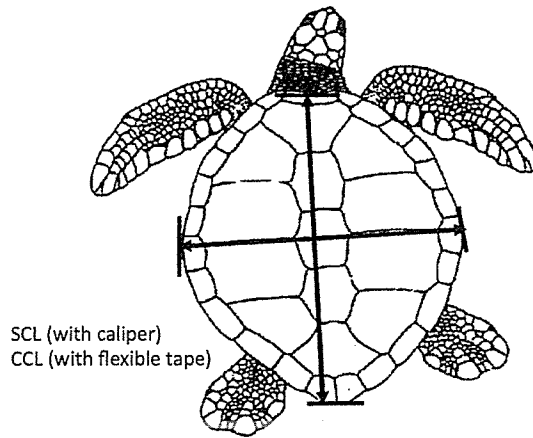
Release Time (24hr format): _____
 Area/Site: Kiholo
 Garmin ID (last 4 digits): _____ GPS Waypoint #: _____
 LAT(dd): _____
 LONG(dd): _____

astron with caliper

e)

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 one): Ultrasound Lavage Laparoscopy **None**

Comments:

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL # R1 HA 12

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: _____

Date (MM/DD/YY): ~~12/1~~ 07/09/19

Platform/Method: hand capture

Handling Start Time (24hr format): 12:21

Capture Location Region: Hawaiian Archipelago Island/Atoll: Hawaii

Area: Kiholo Site: _____

Garmin ID (last 4 digits): _____ LAT(dd): _____

Water Temp: _____ °C Air Temp: _____ °C

GPS Waypoint #: _____ LONG(dd): _____

Water Depth: _____ m

Straight Carapace Length (SCL): 42.9 cm

Straight Carapace Width (SCW): 34.1 cm

Curved Carapace Length (CCL): 45.0 cm

Curved Carapace Width (CCW): 39.5 cm

Plastron Straight Length (PSL): 34.1 cm

Total Tail Length: 8.0 cm

Tail length (Plastron to Cloaca): 5.0 cm

Mass: 10.4 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 1 Skin Location LFR

of Scute Vials - Scute Location -

of Tumor Vials - Tumor Location -

Blood Collection Time: 1239 # Tubes: 1

Volume: 5 mL Preservative: Na/Hep (other)

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

decimal: 982.000402171855

Flipper Tags (2 Types)

decimal: 982.000402169106

hexadecimal: 3D6.0017F8A7CF

LH New

hexadecimal: 3D6.0017F89D12

RH New

Loca		PIT/Meta										
LH	New	--	--	--	--	--	P	I	9	9	9	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)

Biotlemetry 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: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

LAT(dd): _____

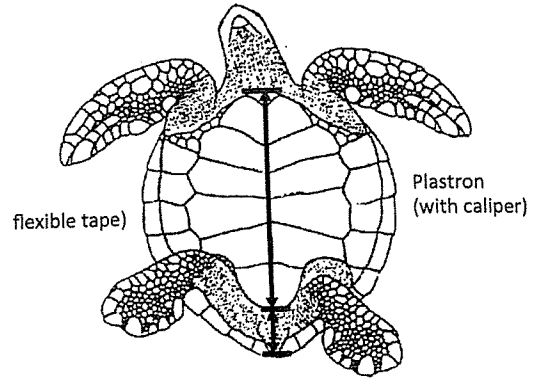
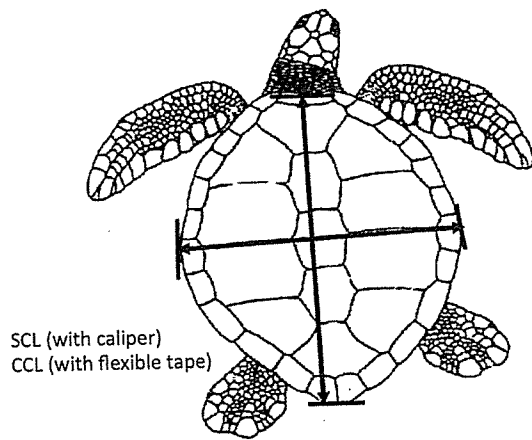
LONG(dd): _____

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h caliper)

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E

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 one): Ultrasound Lavage Laparoscopy NONE

Comments: MotoTool HAIZ, robust, green algae in mouth
RFF distal end torn; healed

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: 13/ HA13

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: _____

Date (MM/DD/YY): 4/18/19

Platform/Method: SCOOP NET

Handling Start Time (24hr format): 12:23

Capture Location Region: HAWAIIAN ISLANDS Island/Atoll: HAWAII

Area: KANOA Site: _____

Garmin ID (last 4 digits): _____

LAT(dd): _____

Water Temp: _____ °C

Air Temp: _____ °C

GPS Waypoint #: _____

LONG(dd): _____

Water Depth: _____ m

Straight Carapace Length (SCL): 40.4 cm

Straight Carapace Width (SCW): 33.7 cm

Curved Carapace Length (CCL): 43.0 cm

Curved Carapace Width (CCW): 39.5 cm

Plastron Straight Length (PSL): 33.2 cm

Total Tail Length: 6.5 cm

Tail length (Plastron to Cloaca): 4.0 cm

Mass: 8.2 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 1 Skin Location LFF

of Scute Vials - Scute Location -

of Tumor Vials - Tumor Location -

Blood Collection Time: 1244 # Tubes: 1

Volume: 1 mL Preservative: Na/Hep _____ (other)

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

Decimal:

982.000402171864

Flipper Tags (

Decimal:

982.000402171712

Hexadecimal:

3D6.0017F8A7D8

LH New

Hexadecimal:

3D6.0017F8A740

RH New

Location Status

PIT/Metal Flipper Tag

Location	Status	1	2	3	4	5	6	7	8	9
LH	New									
RH	Old	982.00	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

- 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): _____

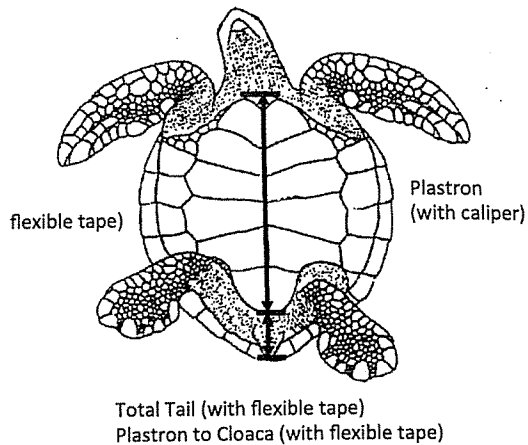
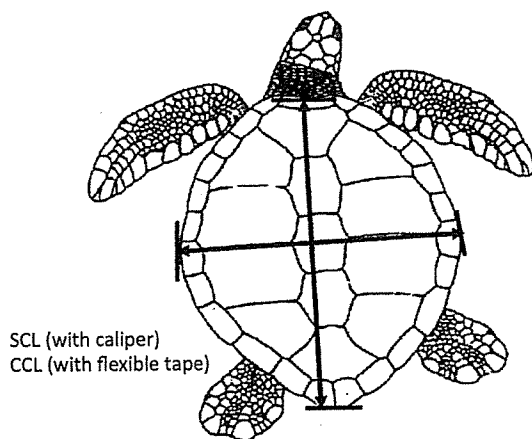
Area/Site: KANOA

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

LAT(dd): _____

LONG(dd): _____

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 one): Ultrasound Lavage Laparoscopy

NONE

Comments:

green algae in mouth, flat plastron,
mototool HA 13

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: ^{14/} HA-14

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: _____ Date (MM/DD/YY): 04/09/19

Platform/Method: Scoop Net Handling Start Time (24hr format): 12:45

Capture Location Region: Hawaiian Archipelago Island/Atoll: Hawaii Area: Kiholo Site: _____

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

GPS Waypoint #: _____ LONG(dd): _____ Water Depth: _____ m

Straight Carapace Length (SCL): 42.8 cm

Straight Carapace Width (SCW): 34.7 cm

Curved Carapace Length (CCL): 45.5 cm

Curved Carapace Width (CCW): 41.0 cm

Plastron Straight Length (PSL): 35.1 cm

Total Tail Length: 9.0 cm

Tail length (Plastron to Cloaca): 5.0 cm

Mass: 11.0 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 1 Skin Location rock

of Scute Vials _____ Scute Location _____

of Tumor Vials _____ Tumor Location _____

Blood Collection Time: 12:53 # Tubes: 1

Volume: 6 mL Preservative: Na/Hep P (other)

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

Decimal: 982.000402171076

Hexadecimal: 3D6.0017F8A4C4

Flipper Tags

Decimal: 982.000402169488

Hexadecimal: 3D6.0017F89E90

___ LH New

___ RH New

Location	Status	PIT/Metal Flipper Tag #										
LH	New	--	--	--	--	--	P	1	9	9	9	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)

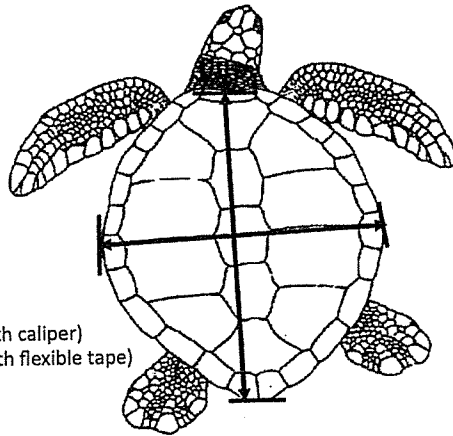
- Pre-release Checklist**
- ___ Mototool # applied
 - ___ Turtle ID (# of day, metal, PIT recorded)
 - ___ Measurements recorded
 - ___ Sat tag PTT ID recorded, switched ON
 - ___ Epoxy/Paint are dry
 - ___ Check saltwater switches are clear, free from epoxy, paint, tape removed
 - ___ Location of capture/release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

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

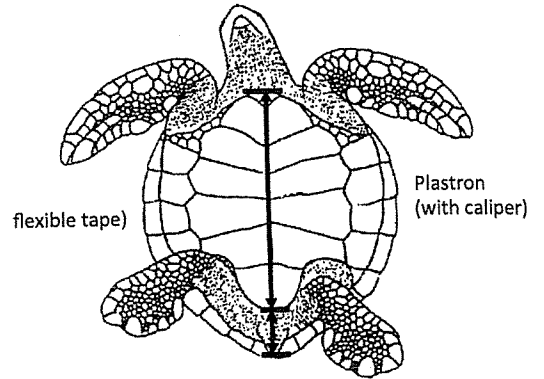
Plastron width caliper)

4

Draw any abnormalities below:



SCL (with caliper)
CCL (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 one): Ultrasound Lavage Laparoscopy *none*

Comments:

metabol HA14, mouth full of algae, robust

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: 15 / 4115

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: _____

Date (MM/DD/YY): 04/09/19

Platform/Method: SCOOP NET

Handling Start Time (24hr format): 12:45

Capture Location Region: Hawaiian Archipelago Island/Atoll: Kauai Area: Kiholo Site: _____

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

GPS Waypoint #: _____ LONG(dd): _____ Water Depth: _____ m

Straight Carapace Length (SCL): 51.0 cm

Straight Carapace Width (SCW): 40.2 cm

Curved Carapace Length (CCL): 55.0 cm

Curved Carapace Width (CCW): 49.5 cm

Plastron Straight Length (PSL): 42.0 cm

Total Tail Length: 9.5 cm

Tail length (Plastron to Cloaca): 6.0 cm

Mass: 17.6 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 1 Skin Location neck

of Scute Vials _____ Scute Location _____

of Tumor Vials _____ Tumor Location _____

Blood Collection Time: 12:57 # Tubes: 1

Volume: 6 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	
LH	Old	9820	0	4	0	6	1	3	1	9	7	6	
RH	Old	98200	6	4	0	6	1	3	2	5	0	6	
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): _____

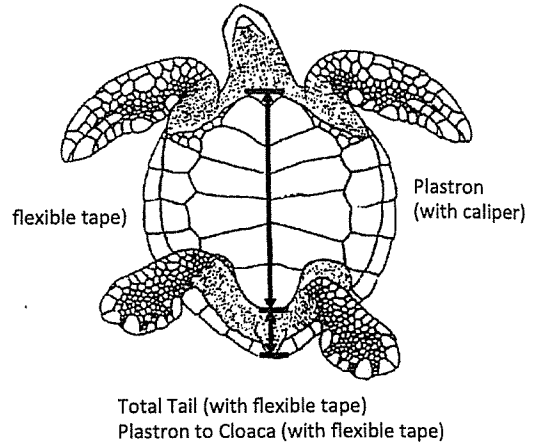
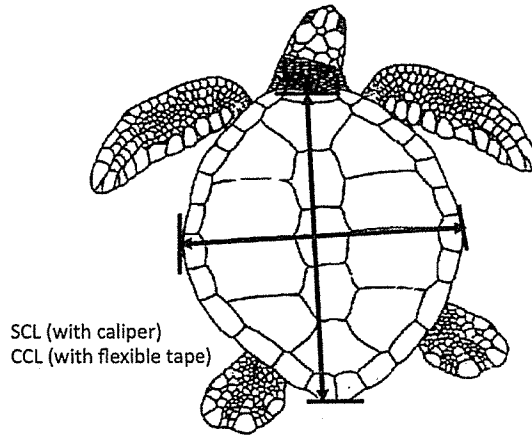
Area/Site: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

LAT(dd): _____

LONG(dd): _____

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 one): Ultrasound Lavage Laparoscopy **NONE**

Comments:

motobool HA 15, mouth full of algae

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL # ^{16/} HA16

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: I.J

Date (MM/DD/YY): 04/21/19

Platform/Method: SCOOP

Handling Start Time (24hr format): 12:45

Capture Location Region: Hawaii Island/Atoll: Hawaii

Area: Kiholo

Site: -

Garmin ID (last 4 digits): -

LAT(dd): -

Water Temp: - °C

Air Temp: - °C

GPS Waypoint #: -

LONG(dd): -

Water Depth: - m

Straight Carapace Length (SCL): 41.3 cm

Straight Carapace Width (SCW): 36.0 cm

Curved Carapace Length (CCL): 44.5 cm

Curved Carapace Width (CCW): 42.0 cm

Plastron Straight Length (PSL): 34.5 cm

Total Tail Length: 7.0 cm

Tail length (Plastron to Cloaca): 4.0 cm

Mass: 9.6 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 1 Skin Location -

of Scute Vials - Scute Location -

of Tumor Vials - Tumor Location -

Blood Collection Time: 12:57 # Tubes: 1

Volume: 4.5 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	
LH	old	98200	0	1	9	6	6	8	9	9	8	4	
RH	old	98200	0	1	6	7	8	1	6	2	8	6	
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: Kiholo

Garmin

ID (last 4 digits): _____ GPS Waypoint #: _____

LAT(dd): _____

LONG(dd): _____

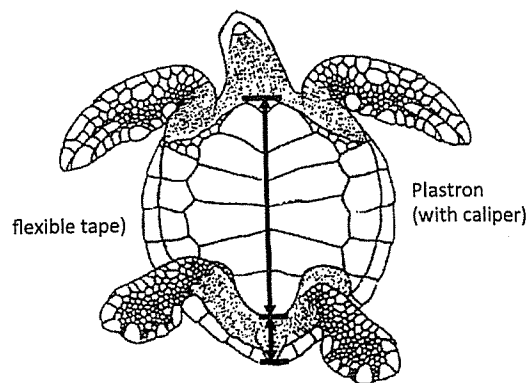
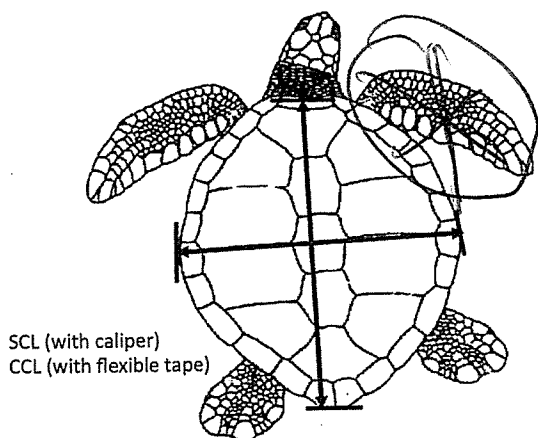
astron
with caliper)

e)

4

NE

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 one): Ultrasound Lavage Laparoscopy NONE

Comments:

MISSING FRF
moderate HAIR
little algae in mouth

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: ^{17/} HA17

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: _____

Date (MM/DD/YY): 04/09/19

Platform/Method: SCOOP NET

Handling Start Time (24hr format): 12:45

Capture Location Region: French Frigate Shoals Island/Atoll: Hawaii Area: Kiholo Site: _____

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

GPS Waypoint #: _____ LONG(dd): _____ Water Depth: _____ m

Straight Carapace Length (SCL): 40.0 cm

Straight Carapace Width (SCW): 31.9 cm

Curved Carapace Length (CCL): 42.1 cm

Curved Carapace Width (CCW): 39.5 cm

Plastron Straight Length (PSL): 31.2 cm

Total Tail Length: 8 cm

Tail length (Plastron to Cloaca): 5 cm

Mass: 7.6 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 1 Skin Location _____

of Scute Vials _____ Scute Location _____

of Tumor Vials _____ Tumor Location _____

Blood Collection Time: 13:02/13:07 # Tubes: 2

Volume: 1/6 mL Preservative: Na/Hep (other)

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

Decimal: 982.000402170260

Flipper Tags

Decimal: 982.000402168581

exadecimal: 3D6.0017F8A194

___ LH New

exadecimal: 3D6.0017F89B05

___ RH New

Location	Status	PIT/Metal Flipper Tag											
LH	New	--	--	--	--	--	--	P	1	9	9	9	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: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

LAT(dd): _____

LONG(dd): _____

Plastron (with caliper)

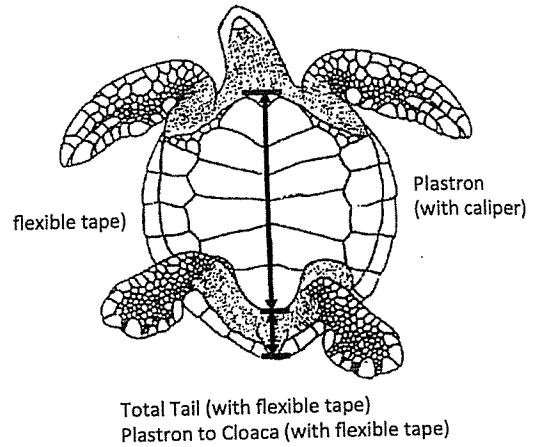
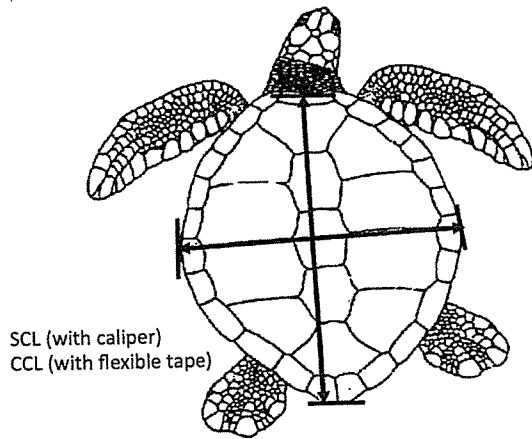
tape)

3 4

ONE

(gae on skin)

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 one): Ultrasound Lavage Laparoscopy NONE

Comments:

moderate FA 17, lots of algae (red algae on skin)

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: HA 34

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Bayla Jefferson

Date (MM/DD/YY): 04/10/19

Platform/Method: _____

Handling Start Time (24hr format): _____

Capture Location Region: Hawaiian Archipelago Island/Atoll: Hawaii Area: Kiholo Site: Kiholo

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

GPS Waypoint #: - LONG(dd): - Water Depth: - m

Straight Carapace Length (SCL): 40.3 cm

Straight Carapace Width (SCW): 32.3 cm

Curved Carapace Length (CCL): 43.5 cm

Curved Carapace Width (CCW): 38.8 cm

Plastron Straight Length (PSL): 33.1 cm

Total Tail Length: 6.8 cm

Tail length (Plastron to Cloaca): 3.3 cm

Mass: 8.2 kg

SAMPLES COLLECTED? None Scute Tumor 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 NECK

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: 982.000406132784

Flipper Tags (LH New)

Decimal: 982.000406132994

Hexadecimal: 3D6.0018351830

__ LH New

Hexadecimal: 3D6.0018351902

__ RH New

Location	Status	PIT/Me										
LH	New	--	--	--	--	--	P	I	9	9	9	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: Kiholo

Garmin ID (last 4 digits): - GPS Waypoint #: -

LAT(dd): -

LONG(dd): -

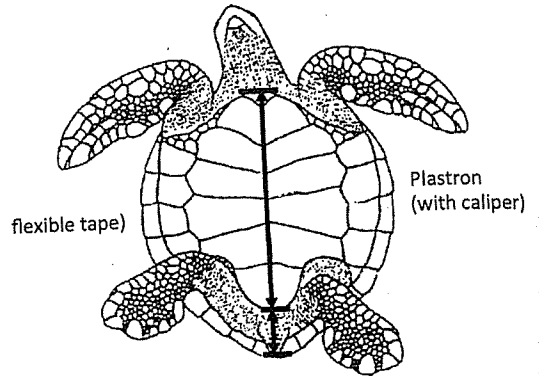
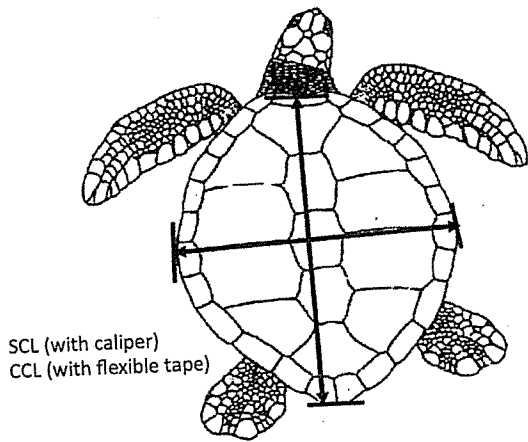
lastron with caliper)

pe)

4

ONE

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 one): Ultrasound Lavage Laparoscopy NONE

Comments:

Hx 34

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: HA35

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Bayla Jefferson Date (MM/DD/YY): 4/11/19

Platform/Method: _____ Handling Start Time (24hr format): 0928

Capture Location Region: Hawaii Island/Atoll: Hawaii Area: Kinohi Site: _____

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

GPS Waypoint #: _____ LONG(dd): _____ Water Depth: _____ m

Straight Carapace Length (SCL): 40.5 cm

Straight Carapace Width (SCW): 35.3 cm

Curved Carapace Length (CCL): 43.0 cm

Curved Carapace Width (CCW): 41.0 cm

Plastron Straight Length (PSL): 32.3 cm

Total Tail Length: 7.6 cm

Tail length (Plastron to Cloaca): 5.0 cm

Mass: 8.4 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 NECK

of Scute Vials _____ Scute Location _____

of Tumor Vials _____ Tumor Location _____

Blood Collection Time: 09:20/0945 # Tubes: 2

Volume: 6+2 mL Preservative: Na/Hep (other)

Tube Type/Size: Glass Plastic 2 mL 5 mL 10 mL

Decimal: 982.000406132304

Flipper Tags (? Tunes)

Decimal: 982.000406133147

Hexadecimal: 3D6.0018351650

__ LH New

Hexadecimal: 3D6.001835199B

__ RH New

Location	Status	PIT/Met										
LH	New	--	--	--	--	--	P	I	9	9	9	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: Kinohi

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

LAT(dd): _____

LONG(dd): _____

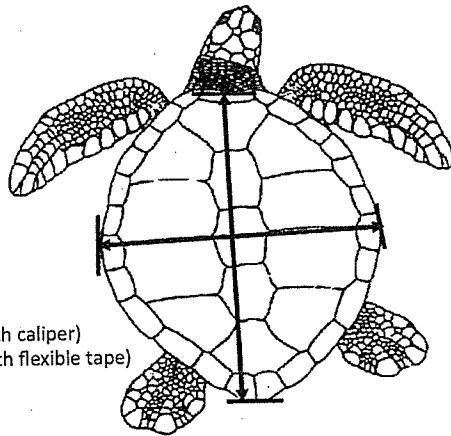
astron
(with caliper)

e)

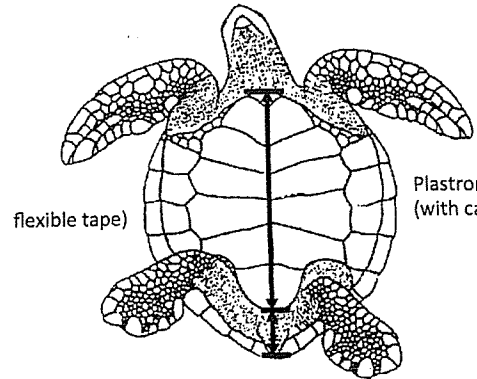
4

JK

Draw any abnormalities below:



SCL (with caliper)
CCL (with flexible tape)



flexible tape)
Plastron (with caliper)

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 one): Ultrasound Lavage Laparoscopy

NONE

Comments:

HAS

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: HA36

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M ♀

Observer Names/Initials: Marieke Renz

Date (MM/DD/YY): 4/11/19

Platform/Method: _____

Handling Start Time (24hr format): 0930

Capture Location Region: Hawaiian Archipelago Island/Atoll: Hawaii Area: Kiholo Site: _____

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

GPS Waypoint #: _____ LONG(dd): _____ Water Depth: _____ m

Straight Carapace Length (SCL): 76.0 cm

Straight Carapace Width (SCW): 62.7 cm

Curved Carapace Length (CCL): 79 cm

Curved Carapace Width (CCW): 77 cm

Plastron Straight Length (PSL): _____ cm

Total Tail Length: _____ cm

Tail length (Plastron to Cloaca): _____ cm

Mass: 65.0 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 Neck

of Scute Vials _____ Scute Location _____

of Tumor Vials _____ Tumor Location _____

Blood Collection Time: 0951 # Tubes: 1

Volume: 10 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	1	2	3	4	5	6	7	8	9	10	11	12
LH	Old	4	7	5	0	4	2	6	A	5	9		9
RH	Old	0	4	0	6	1	3	3	9	5	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): _____

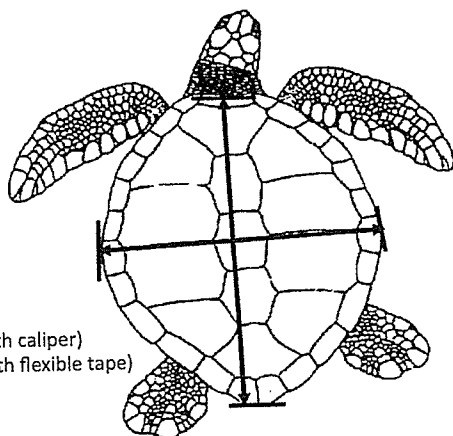
Area/Site: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

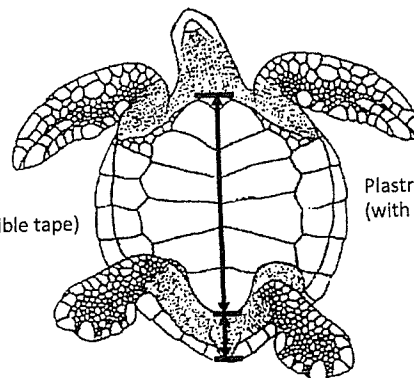
LAT(dd): _____

LONG(dd): _____

Draw any abnormalities below:



SCL (with caliper)
CCL (with flexible tape)



flexible tape)

Plastron
(with caliper)

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 one): Ultrasound Lavage Laparoscopy NONE

Comments:

HA 36

MTBAP DATA FORM

Basking In-water

Event ID (database): _____
Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: HA37

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

Observer Names/Initials: Marieke Renz Date (MM/DD/YY): 04/11/19

Platform/Method: Net Handling Start Time (24hr format): 0939

Capture Location Region: Hawaii Kahoolawe Island/Atoll: Hawaii Area: Kiholo Site: -

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

GPS Waypoint #: - LONG(dd): - Water Depth: - m

Straight Carapace Length (SCL): 42.4 cm

Straight Carapace Width (SCW): 35.2 cm

Curved Carapace Length (CCL): 44.4 cm

Curved Carapace Width (CCW): 40.4 cm

Plastron Straight Length (PSL): 34.5 cm

Total Tail Length: 6.5 cm

Tail length (Plastron to Cloaca): 3.0 cm

Mass: 9.2 kg

Decimal: 982.000406132988

Hexadecimal: 3D6.00183518FC

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 Neck

of Scute Vials - Scute Location -

of Tumor Vials - Tumor Location -

Blood Collection Time: 0953 # Tubes: 1

Volume: 6 mL Preservative: Na/Hep (other)

Tube Type: 1 mL 10 mL

Flipper Tags (2) Decimal: 982.000406131776

Hexadecimal: 3D6.0018351440

- 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	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**
- 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

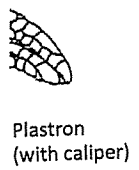
Release Time (24hr format): -

Area/Site: Kiholo

Garmin ID (last 4 digits): - GPS Waypoint #: -

LAT(dd): -

LONG(dd): -



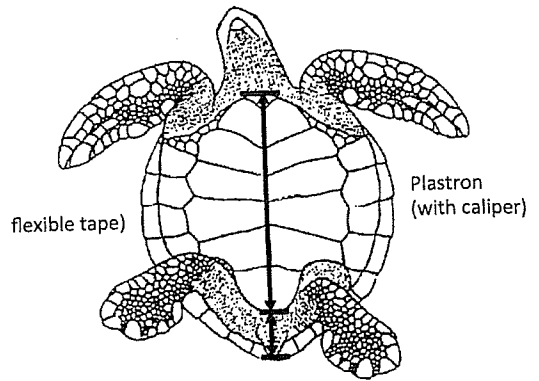
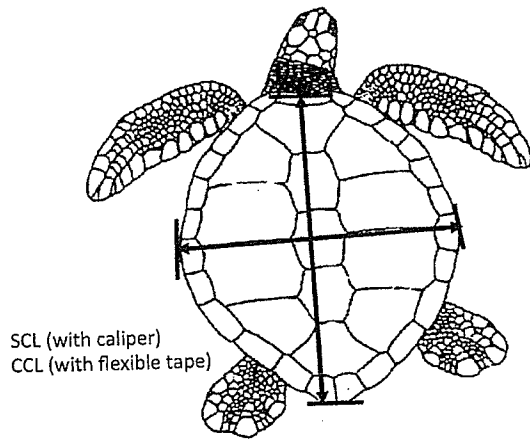
Plastron (with caliper)

ape)

3	4

ME

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 one): Ultrasound Lavage Laparoscopy NONE

Comments: HA37

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: #A38

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Bayla Jefferson

Date (MM/DD/YY): 04/11/19

Platform/Method: _____

Handling Start Time (24hr format): 0950

Capture Location Region: Hawaiian Archipelago Island/Atoll: Hawaii

Area: Kiholo Site: _____

Garmin ID (last 4 digits): _____ LAT(dd): _____

Water Temp: _____ °C Air Temp: _____ °C

GPS Waypoint #: _____ LONG(dd): _____

Water Depth: _____ m

Straight Carapace Length (SCL): 74.7 cm

Straight Carapace Width (SCW): 35.0 cm

Curved Carapace Length (CCL): 48.0 cm

Curved Carapace Width (CCW): 40.4 cm

Plastron Straight Length (PSL): 36.3 cm

Total Tail Length: 9.8 cm

Tail length (Plastron to Cloaca): 6.0 cm

Mass: 11.4 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 NECK

of Scute Vials - Scute Location -

of Tumor Vials - Tumor Location -

Blood Collection Time: 0957 # Tubes: 1

Volume: 10 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	I	9	9	9	9	
LH	OLD	4	C	3	B	5	4	5	0	2	B		
RH	OLD	4	C	3	D	2	0	7	C	4	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 Telonies 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: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

LAT(dd): _____

LONG(dd): _____



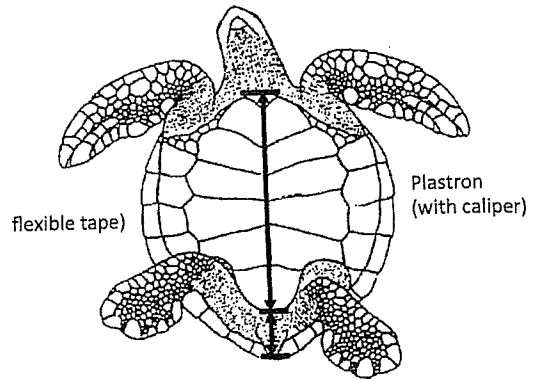
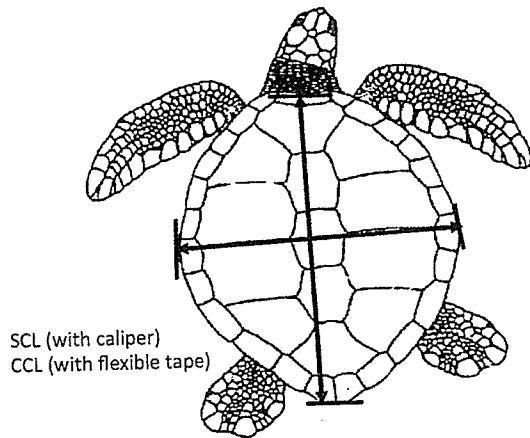
Plastron (with caliper)

ape)

4

NE

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 one): Ultrasound Lavage Laparoscopy NONE

Comments: HA3B

MTBAP DATA FORM

Basking In-water

Event ID (database): _____
 Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: HA39

Species (circle one): Cm Ei Lo Cc Dc Sex (circle one): F M U
 Observer Names/Initials: Bayla Jefferson Date (MM/DD/YY): 4/11/19

Platform/Method: _____ Handling Start Time (24hr format): _____

Capture Location Region: Hawaiian Archipelago Island/Atoll: Hawaii Area: Kiholo Site: _____
 Garmin ID (last 4 digits): _____ LAT(dd): _____ Water Temp 23.2 °C Air Temp: 30.1 °C
 GPS Waypoint #: _____ LONG(dd): _____ Water Depth: 1.5 m

Straight Carapace Length (SCL): 50.0 cm
 Straight Carapace Width (SCW): 39.6 cm
 Curved Carapace Length (CCL): 52.5 cm
 Curved Carapace Width (CCW): 46.0 cm
 Plastron Straight Length (PSL): 39.3 cm
 Total Tail Length: 11.5 cm
 Tail length (Plastron to Cloaca): 8.0 cm
 Mass: 15.4 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 NECK
 # 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: 982.000406132754 Flipper Tags (2 T) Decimal: 982.000406133314
 Hexadecimal: 3D6.0018351812 LH New Hexadecimal: 3D6.0018351A42 RH New

Location	Status	PIT/Metal Flipper 1857											
LH	New	--	--	--	--	--	P	I	9	9	9	9	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

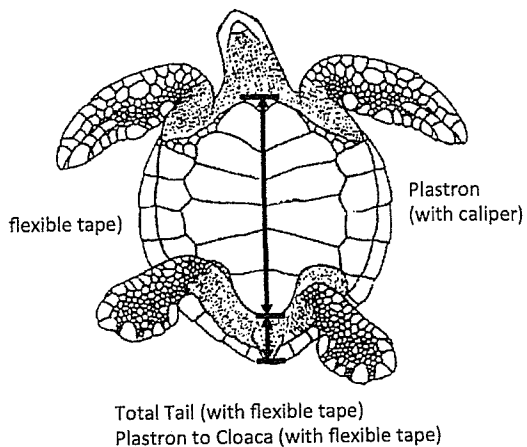
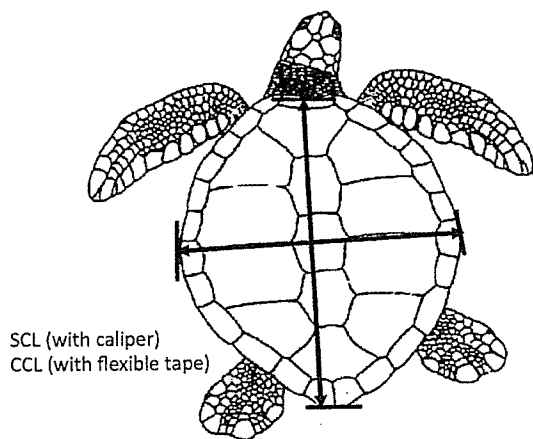
Release Time (24hr format): _____
 Area/Site: Kiholo
 Garmin ID (last 4 digits): _____ GPS Waypoint #: _____
 LAT(dd): _____
 LONG(dd): _____

Plastron with caliper)

pe)

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 one): Ultrasound Lavage Laparoscopy NONE

Comments:

HA 39

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: HA40

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Bayla Jefferson

Date (MM/DD/YY): 4/11/19

Platform/Method: _____

Handling Start Time (24hr format): _____

Capture Location Region: Hawaiian Archipelago Island/Atoll: Hawaii Area: Kiholo Site: Kiholo

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

GPS Waypoint #: _____ LONG(dd): _____ Water Depth: _____ m

Straight Carapace Length (SCL): 39.1 cm

Straight Carapace Width (SCW): 32.9 cm

Curved Carapace Length (CCL): 41.0 cm

Curved Carapace Width (CCW): 37.0 cm

Plastron Straight Length (PSL): 31.6 cm

Total Tail Length: 7.0 cm

Tail length (Plastron to Cloaca): 4.5 cm

Mass: 7.4 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 NECK

of Scute Vials _____ Scute Location _____

of Tumor Vials _____ Tumor Location _____

Blood Collection Time: 1048 # Tubes: 1

Volume: 6 mL Preservative: Na/Hep (other)

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

Decimal: 982.000406132788

Flipper Tags (L) Decimal: 982.000406133136

Hexadecimal: 3D6.0018351834 _LH New

Hexadecimal: 3D6.0018351990 _RH New

Location	Status	PIT/Metal Flipper Tag #										
LH	New	--	--	--	--	--	P	1	9	9	9	9
RH	Old											
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 Telemics 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: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

LAT(dd): _____

LONG(dd): _____



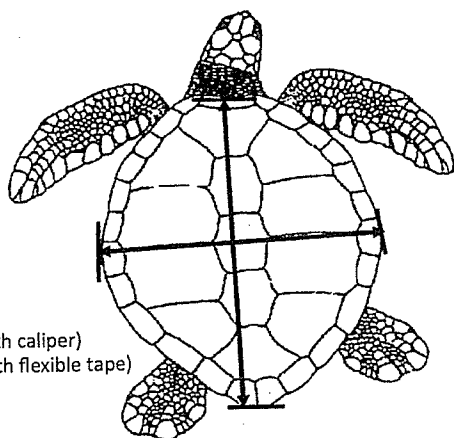
Plastron (with caliper)

ape)

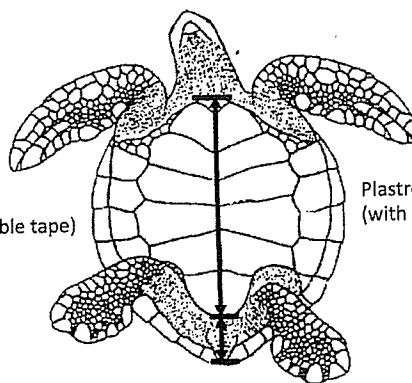
4

NE

Draw any abnormalities below:



SCL (with caliper)
CCL (with flexible tape)



flexible tape) Plastron (with caliper)

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 one): Ultrasound Lavage Laparoscopy NONE

Comments:

HA 40

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: HA41

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: SKYM

Date (MM/DD/YY): 04/11/19

Platform/Method: ~~SCUBA~~ SCOOP NET

Handling Start Time (24hr format): -

Capture Location Region: Hawaiian Archipelago Island/Atoll: Hawaii Area: Kiholo Site: -

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

GPS Waypoint #: - LONG(dd): - Water Depth: - m

Straight Carapace Length (SCL): 39.1 cm

Straight Carapace Width (SCW): 32.3 cm

Curved Carapace Length (CCL): 40.3 cm

Curved Carapace Width (CCW): 36.2 cm

Plastron Straight Length (PSL): 32.1 cm

Total Tail Length: 6.2 cm

Tail length (Plastron to Cloaca): 4.0 cm

Mass: 8.00 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 NECK

of Scute Vials - Scute Location -

of Tumor Vials - Tumor Location -

Blood Collection Time: 1120 # Tubes: 1

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	1	2	3	4	5	6	7	8	9	10	11	12
RH	Old 982.000	1	9	0	6	8	5	1	0	5			
LH	Old 982.000	3	0	4	8	9	7	3	3	1			
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: Kiholo

Garmin ID (last 4 digits): - GPS Waypoint #: -

LAT(dd): -

LONG(dd): -

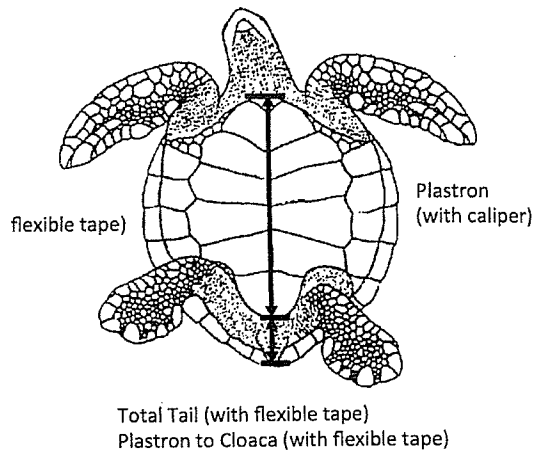
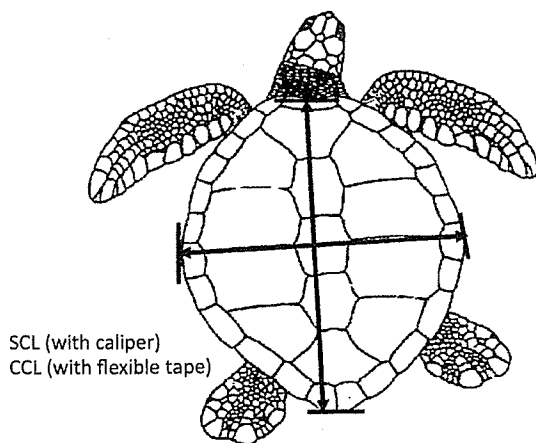


Plastron (with caliper)

ape)

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 one): Ultrasound Lavage Laparoscopy

Comments:

HA 4!
Algae in mouth

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: 1A42

Species (circle one): Em Ei Lo Cc Dc

Sex (circle one): F M J

Observer Names/Initials: Bayla Jefferson

Date (MM/DD/YY): 04/11/19

Platform/Method: _____

Handling Start Time (24hr format): _____

Capture Location Region: Hawaiian Archipelago Island/Atoll: Hawaii Area: Kinoho Site: KINOH

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

GPS Waypoint #: _____ LONG(dd): _____ Water Depth: _____ m

Straight Carapace Length (SCL): 40.6 cm

Straight Carapace Width (SCW): 32.0 cm

Curved Carapace Length (CCL): 43.4 cm

Curved Carapace Width (CCW): 38.0 cm

Plastron Straight Length (PSL): 32.8 cm

Total Tail Length: 8.0 cm

Tail length (Plastron to Cloaca): 5.0 cm

Mass: 8.2 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 Neck

of Scute Vials - Scute Location -

of Tumor Vials - Tumor Location -

Blood Collection Time: 11:33 # Tubes: 1

Volume: 6 mL Preservative: Na/Hep (other)

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

Decimal: 982.000406131426

Hexadecimal: 3D6.00183512E2

Flipper Tags (2) Decimal: 982.000406131669

Hexadecimal: 3D6.00183513D5

LH New

RH New

Location	Status	PIT/Metal Flipper Tag #												
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

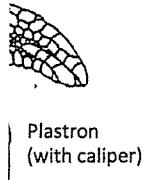
Release Time (24hr format): _____

Area/Site: Kinoho

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

LAT(dd): _____

LONG(dd): _____

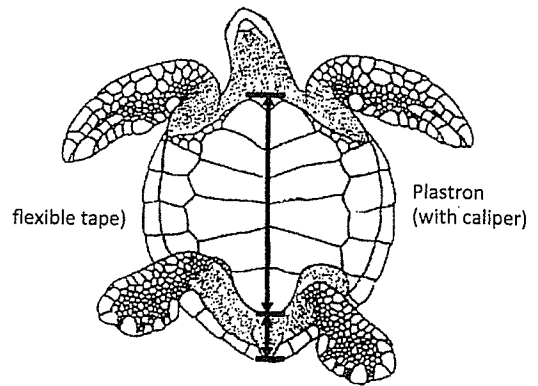
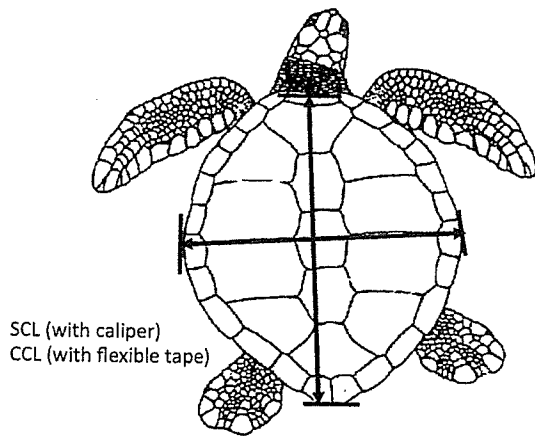


tape)

3 4

R

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 one): Ultrasound Lavage Laparoscopy **NONE**

Comments: little bit of green algae in mouth

HA 42

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: HA43

Species (circle one): Em Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Malia Mdk

Date (MM/DD/YY): 4/11/19
11:51

Platform/Method: hand

Handling Start Time (24hr format): _____

Capture Location Region: Hawaii Island/Atoll: Hawaii Area: Kiholo Site: Kiholo

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

GPS Waypoint #: - LONG(dd): - Water Depth: - m

Straight Carapace Length (SCL): 52.6 cm

Straight Carapace Width (SCW): 42.0 cm

Curved Carapace Length (CCL): 55.5 cm

Curved Carapace Width (CCW): 49.0 cm

Plastron Straight Length (PSL): 42.0 cm

Total Tail Length: 11.5 cm

Tail length (Plastron to Cloaca): 7.0 cm

Mass: 17.6 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 neck

of Scute Vials - Scute Location -

of Tumor Vials - Tumor Location -

Blood Collection Time: 1154 # Tubes: 1

Volume: 10 ml Preservative: Na/Hep (other)

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

Flipper Tags (2 Types)



442F140803

LH New

(Affix new LH PIT tag ID label here)



4607795E63

RH New

(Affix new RH PIT tag ID label here)

Location	Status	PIT/Metal Flipper Tag #											
LH	New	-	-	-	-	-	-	P	I	9	9	9	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: Kiholo

Garmin ID (last 4 digits): - GPS Waypoint #: -

LAT(dd): -

LONG(dd): -



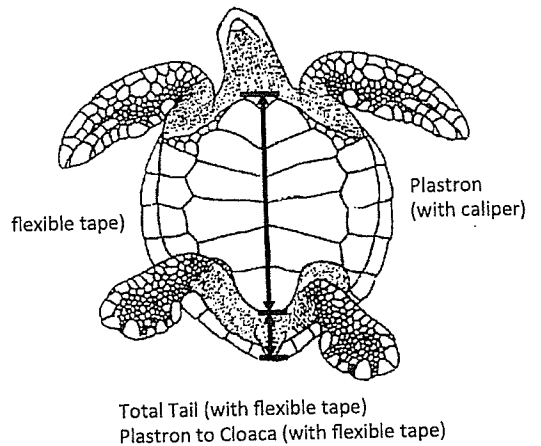
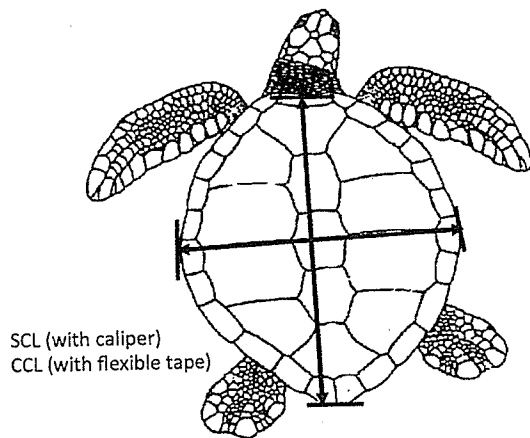
Plastron (with caliper)

ape)

4

ME

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 one): Ultrasound Lavage Laparoscopy NONE

Comments: RH flipper torn and healed
hind flipper

Time caught:

11:51

MTBAP DATA FORM

Basking

n-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: HA44

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Malia Mitchell

Date (MM/DD/YY): 4/11/19

Platform/Method: SCOOP NET

Handling Start Time (24hr format): _____

Capture Location Region: HAWAIIAN ISLANDS Island/Atoll: HAWAII Area: KIHOLO Site: _____

Garmin ID (last 4 digits): _____ LAT_(dd): _____ Water Temp: _____ °C Air Temp: _____ °C

GPS Waypoint #: _____ LONG_(dd): _____ Water Depth: _____ m

Straight Carapace Length (SCL): 37.4 cm

Straight Carapace Width (SCW): 31.2 cm

Curved Carapace Length (CCL): 39.0 cm

Curved Carapace Width (CCW): 36.0 cm

Plastron Straight Length (PSL): 31.9 cm

Total Tail Length: 6.8 cm

Tail length (Plastron to Cloaca): 3.5 cm

Mass: 6.0 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 NECK

of Scute Vials _____ Scute Location _____

of Tumor Vials _____ Tumor Location _____

Blood Collection Time: 1242 # Tubes: _____

Volume: 6 mL Preservative: Na/Hep (other)

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

Flipper Tags (2 Tvoes)

442F2F5407

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
LH	Old	98200	0	3	6	3	9	3	46	7	7	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 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: KIHOLO

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

LAT_(dd): _____

LONG_(dd): _____

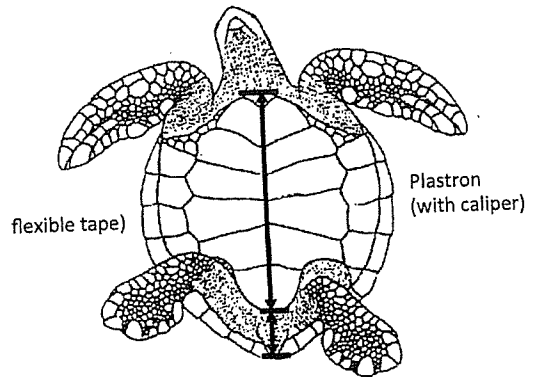
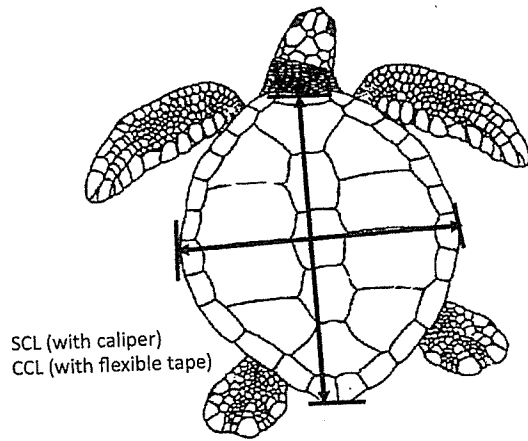
lastron with caliper)

ipe)

4

ONE

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 one): Ultrasound Lavage Laparoscopy NONE

Comments:

HA 44
 · little algae in mouth
 · Right tag missing

MTBAP DATA FORM

Basking

In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: H445

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Maria Mitchell

Date (MM/DD/YY): 4-11-19

Platform/Method: SCOOT net

Handling Start Time (24hr format): _____

Capture Location Region: Hawaii French Frigate Shoals

Island/Atoll: Hawaii

Area: Kinohi

Site: _____

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~~ 40 cm

Straight Carapace Width (SCW): 33.2 cm

Curved Carapace Length (CCL): 42.5 cm

Curved Carapace Width (CCW): 39.5 cm

Plastron Straight Length (PSL): 32 cm

Total Tail Length: 8 cm

Tail length (Plastron to Cloaca): 5 cm

Mass: 7.8 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 neck

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)



442F510959

___ LH New

442D1C3402



___ 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	I	9	9	9	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: Kinohi

Garmin

ID (last 4 digits): _____ GPS Waypoint #: _____

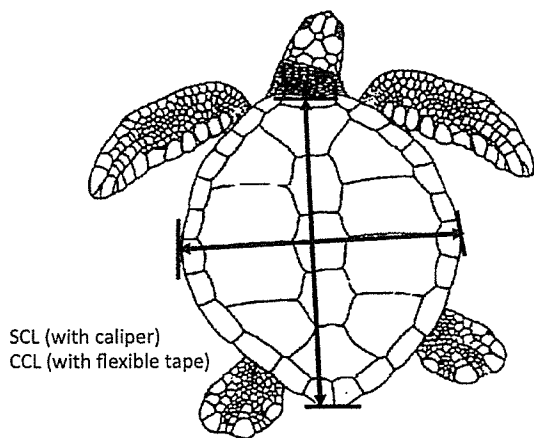
LAT(dd): _____

LONG(dd): _____

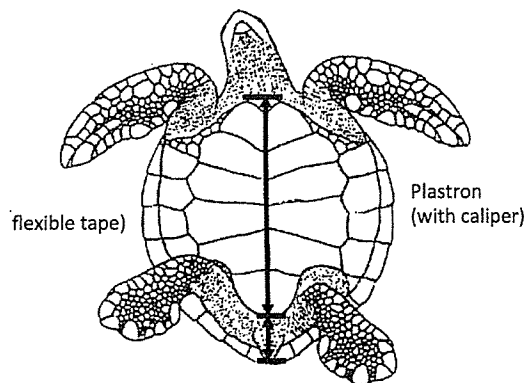
stron
th caliper)

4

Draw any abnormalities below:



SCL (with caliper)
CCL (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 one): Ultrasound Lavage Laparoscopy **NONE**

Comments:

HA 45
Algae in mouth

MTBAP DATA FORM

Basking In-water

Event ID (database): _____

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: HA46

Species (circle one): Cr Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Bayla J Date (MM/DD/YY): 4/11/19

Platform/Method: _____ Handling Start Time (24hr format): _____

Capture Location Region: Hawaiian Archipelago Island/Atoll: Hawaii Area: Kiholo Site: _____

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): 37.3 cm

Curved Carapace Length (CCL): 48.3 cm

Curved Carapace Width (CCW): 43.4 cm

Plastron Straight Length (PSL): 39.0 cm

Total Tail Length: 8.0 cm

Tail length (Plastron to Cloaca): 5.5 cm

Mass: 14.2 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 NECK

of Scute Vials _____ Scute Location _____

of Tumor Vials _____ Tumor Location _____

Blood Collection Time: 1246 # Tubes: 1

Volume: 10 ml Preservative: Na/Hep (other)

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

Flipper Tags (2 Types)

_____ LH New

(Affix new LH PIT tag ID label here)

_____ RH New

(Affix new RH PIT tag ID label here)

Location	Status	PIT/Metal Flipper Tag #											
LH	New	--	--	--	--	--	P	I	9	9	9	9	
LH	OLD	4	C	3	B	3	D	5	1	3	D		
RH	OLD	4	C	3	D	2	1	3	B	2	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

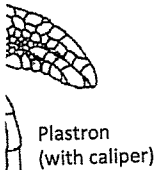
Release Time (24hr format): _____

Area/Site: Kiholo

Garmin ID (last 4 digits): 5 GPS Waypoint #: _____

LAT(dd): _____

LONG(dd): _____



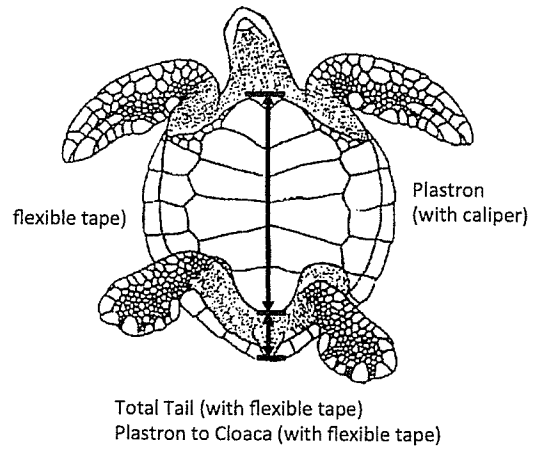
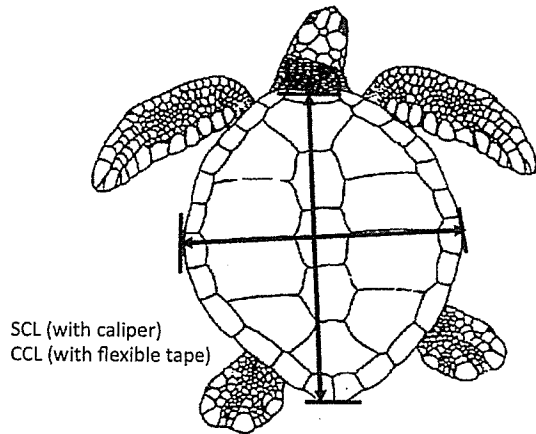
Plastron (with caliper)

le tape)

3	4

NONE

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 one): Ultrasound Lavage Laparoscopy

NONE

Comments:

HA 46
Algae in mouth

MTBAP DATA FORM

Event ID (database): _____

Basking In-water

Validation Date: _____ Initials: _____

TURTLE # of Day / MOTOTOOL #: HAA7

Net capture

Species (circle one): Cm Ei Lo Cc Dc

Sex (circle one): F M U

Observer Names/Initials: Malia Mck

Date (MM/DD/YY): 04/11/19

Platform/Method: Set Net

Handling Start Time (24hr format): 1303

Capture Location Region: Hawaiian Archipelago Island/Atoll: Hawaii Area: Kiholo Site: -

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

GPS Waypoint #: - LONG(dd): - Water Depth: - m

Straight Carapace Length (SCL): 37.0 cm

Straight Carapace Width (SCW): 30.5 cm

Curved Carapace Length (CCL): 39.6 cm

Curved Carapace Width (CCW): 35.0 cm

Plastron Straight Length (PSL): 30.3 cm

Total Tail Length: 6.3 cm

Tail length (Plastron to Cloaca): 4.0 cm

Mass: 6.8 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 Neck

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	9
LA	OLD	9	8	2	0	0	0	4	0	6	0	9	2264
RH	OLD	9	8	2	0	0	0	1	6	7	8	36050	
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

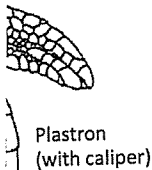
Release Time (24hr format): _____

Area/Site: Kiholo

Garmin ID (last 4 digits): _____ GPS Waypoint #: _____

LAT(dd): _____

LONG(dd): _____

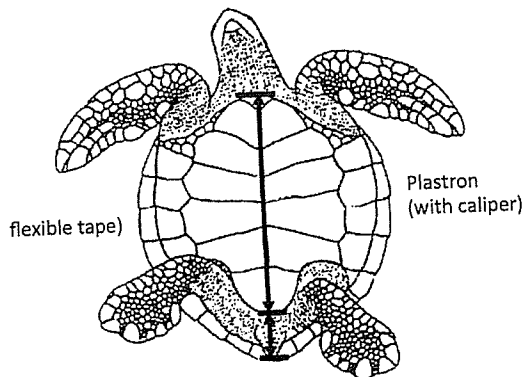
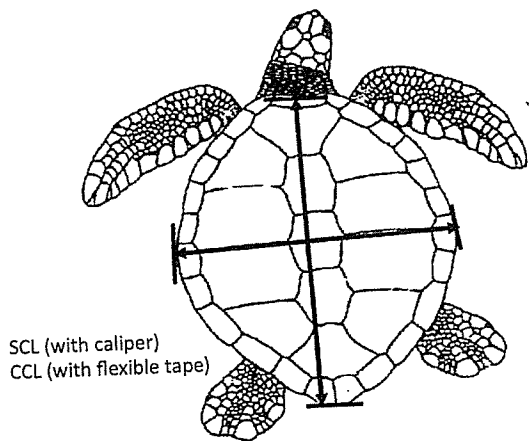


le tape)

3	4

NONE

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 one): Ultrasound Lavage Laparoscopy NONE

Comments: HA 47

Time: 1:03