

Aug. 2, 1985

George,

Mea culpa! Mea culpa! Looking very carefully over your letter and my data book there were indeed several mistakes in the reporting of the tag numbers. I also found another typo for the single turtle tagged and reported on 6-28-85. The tag number on the left front flipper should be 8620 and not 6820 as originally reported. Thanks to your keen eyes and alert scrutiny, these discrepancies were caught early on. (However, makes you wonder about all the other reportings doesn't it??)

Attached is the report for the turtles tagged during July, 1985. Fifteen new taggings and one recovery.

I take it the frozen turtle blood got to you safe and sound. Also, when you find time and can remember...please send me the tagging data for the turtles you worked on during this last trip. Might come in handy if we recover some of these in the future. No rush.

Aloha,

/s/



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE
 Southwest Fisheries Center Honolulu Laboratory
 2570 Dole St. • Honolulu, Hawaii 96822-2396

August 28, 1986

F/SWC2

Mr. Henry Sakuda
 Division of Aquatic Resources
 Department of Land and Natural
 Resources, State of Hawaii
 1151 Punchbowl Street
 Honolulu, HI 96813

Dear Henry,

Enclosed are the results of the green sea turtle tagging conducted under our State of Hawaii Scientific Collecting Permit 86-07 for the period July 1985 through June 1986. I would appreciate having this permit renewed for another year. There are no changes in our designated assistants or other basic information previously supplied. Thank you for your assistance.

Sincerely,

Richard S. Shomura

Richard S. Shomura
 Director, Honolulu Laboratory

Enclosure

DIVISION OF MARINE FISHERIES	
DIRECTOR	<input checked="" type="checkbox"/>
ASSISTANT DIRECTOR	<input checked="" type="checkbox"/>
MANAGEMENT	<input checked="" type="checkbox"/>
RESEARCH	<input checked="" type="checkbox"/>
REGISTRATION	<input checked="" type="checkbox"/>
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LABORATORY	<input checked="" type="checkbox"/>
ADMINISTRATION	<input checked="" type="checkbox"/>
COMMUNICATIONS	<input checked="" type="checkbox"/>
TRAINING	<input checked="" type="checkbox"/>
OTHER	<input checked="" type="checkbox"/>
RENEW PERMIT	<input checked="" type="checkbox"/>

RS
pls. make cc for Mr. Sakuda

Done - RS

RECEIVED

SEP 2 1986

Div. of Aquatic Resources

COPY FOR YOUR INFORMATION



RESULTS OF TAGGING GREEN SEA TURTLES CONDUCTED UNDER STATE OF HAWAII
SCIENTIFIC COLLECTING PERMIT 86-07

Tag No.	Carapace length (cm)		Date	Location
	Straight	Curved		
8514,8515	--	47.0	7/11/85	Wahie, Lanai
8516-8518	--	72.5	7/11/85	do
304 - 8519,8520	49.0	53.0	7/16/85 (10)	Palaau, Molokai "D"
5- 8521,8522	39.7	42.5	do	do
6- 8523,8524	44.3	46.5	do	do
7- 8525,8526	44.7	48.5	do	do
8- 8527,8528	48.8	52.0	do	do
9- 8529,8530	46.5	49.5	do	do
310- 8531,8532	58.7	63.0	do	do
1- 8533,8534	65.1	69.0	do	do
2- 8535,8536	62.0	66.5	do	do
3- 8537,8538	54.7	58.0	do	do
4- 8539,8540	38.8	40.5	7/17/86 (24)	Palaau, Molokai "E"
5- 8541,8542	38.8	41.5	do	do
6- 8627,8628 Recovery	55.8	59.5	do	do
7- 8543,8544	51.8	56.0	do	do
8- 8545,8546	52.2	56.0	do	do
9- 8547,8548	53.6	58.5	do	do
320- 8549,8550	52.1	55.5	do	do
1- 7792,7793	52.9	55.5	do	do
2- 7794,7795	47.4	50.0	do	do
3- 7917,7918 = recovery	57.4	61.0	do	do
4- 7796,7797	57.9	62.0	do	do
5- 7798-99,7800	62.9	68.5	do	do
6- 7748,7801	59.4	63.0	do	do
7- 7802,7803	55.6	59.0	do	do
8- 7804,7805	52.8	56.5	do	do
9- 7806,7807	75.9	80.5	do	do
330- 7808,7809	73.3	79.0	do	do
1- 7810,7811	70.8	76.0	do	do
2- 7812-7814	64.6	69.5	do	do
3- 7815,7816	66.3	72.0	do	do
4- 7817,7818	70.3	75.5	do	do
5- 7819,7820	63.7	68.0	do	do
6- 7821,7822	69.7	76.0	do	do
7- 7823,7824	65.5	70.0	do	do

7/17/85
22 tag
326 total
25 recoveries

Continued.--Results of tagging green turtles under Hawaii SCP 86-07.

Tag No.	Carapace length (cm)		Date	Location
	Straight	Curved		
389- 7825,7826	39.6	41.5	7/18/86 (11)	Palaau, Molokai "E"
9 7827,7828	53.0	56.5	do	do
390- 7893,7894	51.9	56.0	do	do
1 7842,7843	50.2	53.5	do	do
2 7829,7830	46.7	50.0	do	do
3 7831,7832	49.3	52.5	do	do
4 7921-7923 Recovery	71.3	77.5	do	do
5 7833,7834	63.4	67.5	do	do
6 7835,7836	68.6	73.5	do	do
7 7837,7838	71.8	78.0	do	do
8 7839-7841	79.4	85.5	do	do
9 9401,9402	77.5	82.0	7/19/86 (35)	Palaau, Molokai "F"
350 7848-7850	78.6	83.5	do	do
1 7844,7845	76.0	81.5	do	do
2 8847,8848 Recovery	67.0	71.0	do	do
3 9411,9412	67.4	72.5	do	do
4 7846,7847	66.3	70.5	do	do
5 9409,9410	56.4	60.5	do	do
6 9403,9404	62.0	51.3	do	do
7 9425,9426	60.0	--	do	do
8 9407,9408	55.8	59.0	do	do
9 9405,9406	56.0	61.0	do	do
360 9427,9428	55.5	59.5	do	do
1 9429,9430	56.9	61.0	do	do
2 9433,9434	52.0	55.5	do	do
3 9431,9432	56.4	60.5	do	do
4 9435	52.3	56.0	do	do
5 9436,9437	48.5	52.0	do	do
6 9438,9439	53.4	57.5	do	do
7 9440,9441	55.9	59.5	do	do
8 9413,9414	50.0	53.5	do	do
9 9442,9443	48.8	51.5	do	do
370 9444,9445	47.4	51.0	do	do
1 9446,9447	47.8	51.0	do	do
2 9448,9449	46.5	49.5	do	do
3 9450,9451	45.1	48.0	do	do
4 9415,9416	43.6	46.0	do	do
5 9421,9422	44.1	46.0	do	do
6 9452,9453	42.9	46.0	do	do
7 9454,9455	44.8	48.0	do	do

7/18/86
10 days
326 total
26 recoveries

typo

7/19/86

37 days

363 total

27 recoveries

37-1

Continued. → Results of tagging green turtles under Hawaii SCP 86-07.

Tag No.	Carapace length (cm)		Date	Location
	Straight	Curved		
9417, 9418	41.5	44.0	do	do
9423, 9424	38.2	41.0	do	do
9456, 9457	42.5	45.0	do	do
9458, 9459	41.3	44.0	do	do
9460, 9461	43.0	46.0	do	do
9419, 9420	40.9	42.5	do	do
9462, 9463	40.2	42.0	do	do
9464, 9465	43.8	46.5	do	do
9466, 9467	66.9	70.5	do	do
¹ 8676	46.0	49.0	9/23/85	Sandy Beach, Oahu
8695, ² 8696	—	48.3	11/15/85	Hilo, Hawaii
8851, 8852	46.3	48.5	2/21/86	Kawela Bay, Oahu
8861, 8862	37.2	39.0	2/28/86	Kahe Point Power Plant (KPPP), Oahu
8863, 8864	42.9	44.7	2/28/86	KPPP, Oahu
8868, 8869	41.9	—	3/6/86	KPPP, Oahu
8865-8867	59.1	63.5	3/6/86	Bellows AFS, Oahu
³ 8870	46.8	50.5	3/27/86	Waikiki, Oahu
8439, 8440	—	43.5	5/1/86	Palaa, Molokai
8441, 8442	—	63.5	5/1/86	do
8443, 8444	—	42.5	5/1/86	do
8445, 8446	43.5	—	5/14/86	Hawaii Kai, Oahu
8698, ⁴ 8699	—	38.1	5/23/86	Hilo, Hawaii

NOTE: Seventy-nine other turtles were tagged or recaptured on Molokai by Bill Puleloa from July 1985 through June 1986 in cooperation with a NMFS contracted fisherman and another bullpen fisherman who incidentally catches turtles. Data for these turtles have been submitted by Puleloa in monthly reports to the Division of Aquatic Resources, State of Hawaii.

¹ Flipper severely entangled in monofilament gill net debris. Recaptured at the Blow Hole, Oahu, on 1/8/86 and released shortly thereafter at Makapuu Beach, Oahu.

² Tagged and released from a pond at Liliuokalani Gardens, Hilo by Dr. Robert Nishimoto. Turtle was severely afflicted with fibropapillomas.

³ Flipper severely entangled in monofilament fishing line debris and lure.

⁴ Tagged and released from a pond at the Hukilau Hotel, Hawaii, by Dr. Robert Nishimoto.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: July 11, 1985 ^{"A"}

Location Caught: Palaau, Molokai

Method of Capture: Fishermen's Nets

Number	Curved Length (cm)	Curved Width Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
288- 1	76.5(71.5)	68.0(55.0)	8830	8831
289- 2	75.5(70.0)	68.5(55.0)	8832	8833
290- 3	38.0(36.5)	36.5(31.5)	8834	
1 4	58.5(54.5)	53.0(43.0)	8835	
2 5	68.0(63.5)	60.5(50.0)	8836	
3 6	76.0(69.0)	70.0(58.0)	8837	8838
4 7	53.5(49.0)	47.0(40.0)	8839	
5 8*	87.0(81.0)	76.0(61.0)	8840	8841
6 9	60.0(56.5)	51.5(45.5)	8842	
7 10	80.0(73.5)	68.0(57.5)	8843	8844
8 11**	52.5(49.0)	48.0(42.0)	8845	
9 12	50.5(47.0)	44.5(38.5)	8846	
300- 13	72.0(67.0)	63.5(53.5)	8847	8848
201 14	45.0(42.0)	39.5(33.5)	8849	
01 15	45.0(43.0)	41.0(36.5)	8850	

7/11/85
15 day
284 total (2)
23 re

RECOVERYRECOVERY***RECOVERY***

303. 16	68.0(62.0)	62.0(51.0)	6420	6421, 6422
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#16 originally tagged 2 years, 10 months ago on 9/3/82 in the same general area. Since then it has increased its curved length by 5.0 cm and its curved width by 6.5 cm.

Remarks: 8* = possibly male; 11** deformed; see attached sheet #1.
284 turtles tagged to date with 25 recoveries.

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: July 11, 1985

left f/f right f/f

Tag Number : 8845 _____

Location Caught: Palaau

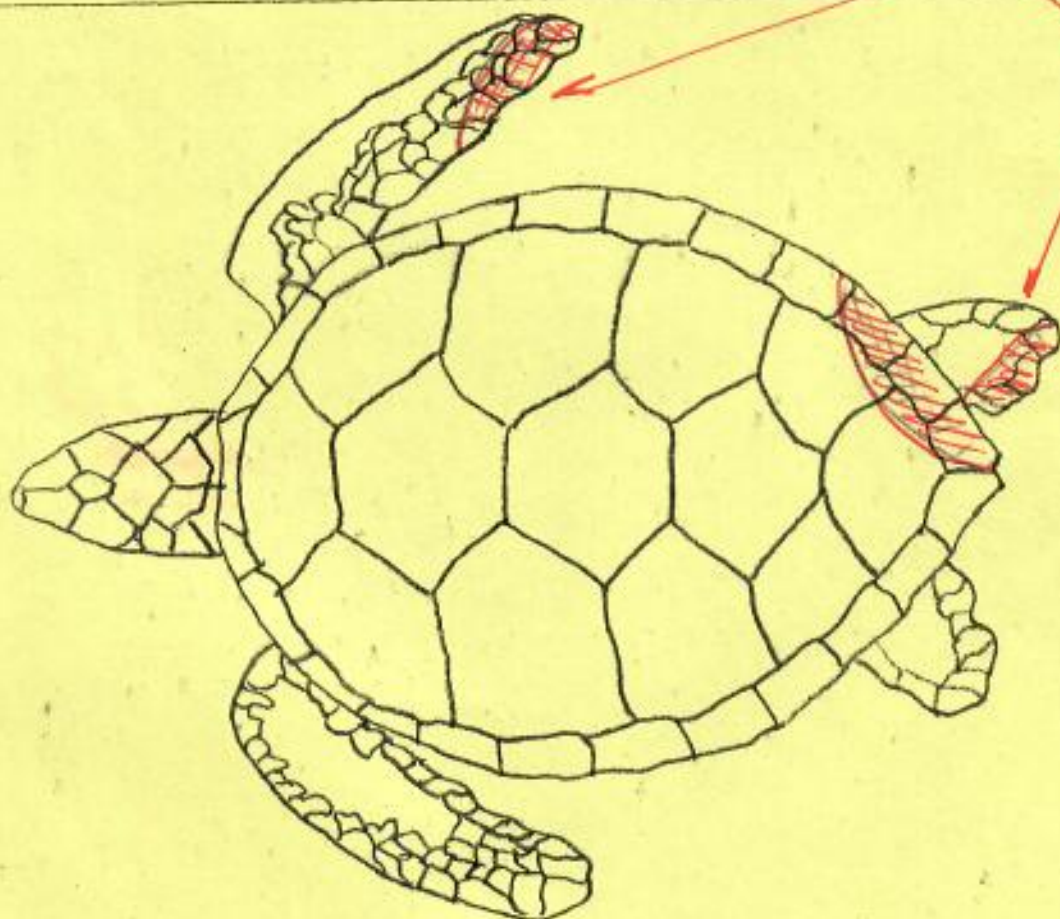
Location Released: Palaau, Molokai

Curved Length: 52.5(49.0)

Curved Width: 48.0(42.0)

Comments: Rear portion of carapace deformed;

also both right side flippers cut.



GEORGE R. ARIYOSHI
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF FISH AND GAME
1151 PUNCHBOWL STREET
HONOLULU, HAWAII 96813

SUSUMU ONO, CHAIRMAN
BOARD OF LAND & NATURAL RESOURCES

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STATE PARKS
WATER AND LAND DEVELOPMENT

August 2, 1985


To : Paul Kawamoto
Thru : Alvin Katekaru
From : Bill Puleloa
Subj : Turtle Taggings for the month of June, 1985

~~This is to inform you of the following corrections to be made for the turtles~~

This is to inform you of the following corrections made on the tag numbers assigned to several turtles tagged and reported to you for the month of June, 1985:

- (1) turtle #1 tagged on 6-28-85;
tag number on left front flipper should be 8620 and not 6820 as originally reported;
- (2) turtle #3 tagged on 6-29-85;
tag number on left front flipper should be 8826 and not 8626 as originally reported;
tag number on right front flipper should be 8827 and not 8627 as originally reported;
- (3) turtle #4 tagged on 6-29-85;
tag number on left front flipper should be 8828 and not 8628 as originally reported;
tag number on right front flipper should be 8829 and not 8629 as originally reported.

Please make the necessary corrections in your files.



Bill Puleloa

July 5, 1985

George,

Here's this month's tagging data. All of these were from Hocaajo. I went out with him a couple of times. Small in scale compared to Mederios. Same general configuration of nets. I got to talking with Ed and told him of wanting to do more tagging in the Waikane area with you. He said it would be a little difficult now as Darth is in the Mainland attending his brother's graduation. He asked if you could hold off until later this month. I keep you posted.

Received readout concerning turtle stranding. Here's the only one that comes to mind for 1985:

June 14, 1985

Remains of 3-4 green sea turtles found close to the beach at Kawela. Covered with maggots. Estimated sizes of carapaces = 20" to 36".

Going over my notes, I have recorded 6 turtle strandings/beaching prior to 1985 here on Molokai. I can let you have that info upon request.

George, I'm down to 21 tags. Better send more. Hocaajo is fishing regularly now and is very agreeable and cooperative in having his incidentally caught turtles tagged.

I'll be off to Kauai later this month for a week or so. R & R with the whole family. Bypassing Honolulu entirely!!!

Aloha,

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 6-29-85

Location Caught: Kawela

Method of Capture: Fisherman's nets (Hocajo)

Number	Curved Length (cm)	Curved Width (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
283- 1	45.0 (42.5)	39.5 (33.5)	8622	8623
84- 2	74.0 (68.0)	67.5 (54.5)	8624	8625
85- 3	67.0 (62.0)	60.0 (50.5)	8626 8826	8627 8827
86- 4	45.5 (43.0)	39.5 (34.0)	8628 8828	8629 8829

RECOVERYRECOVERY***RECOVERY***

87- 5 63.0 (58.0) 52.5 (45.5) 8634 8635

This turtle was initially tagged two months ago approximately 13 miles west of today's capture at Palaaau. All of the above turtles were tagged and released at site of capture.

6/29/85
4 tag
269 total
22 rec

corrected above in field!

NOTE: Double numbers!!
also mark on tags on 4/28/85

NO!!
my mistake
7/29/85
GB & RA at Palaaau.

Remarks: 269 turtles tagged to date with 24 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 6-28-85

Location Caught: Kawela "G"

Method of Capture: Fisherman's nets (Hocajo)

Number	Curved Length(cm)	Curved Width length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
287-1	72.5 (68.0)	65.0 (52.5)	5820 5620	8621

Note: Left front flipper cut off at spur. See attached sheet.

*corrected
7/2/85*

*6/28/85
1 day
265 total
21 rec*

Remarks: Turtle released at site of capture. 265 turtles tagged to date with 23 recoveries.

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: 6-28-85
left f/f right f/f
Tag Number : 6820 8621

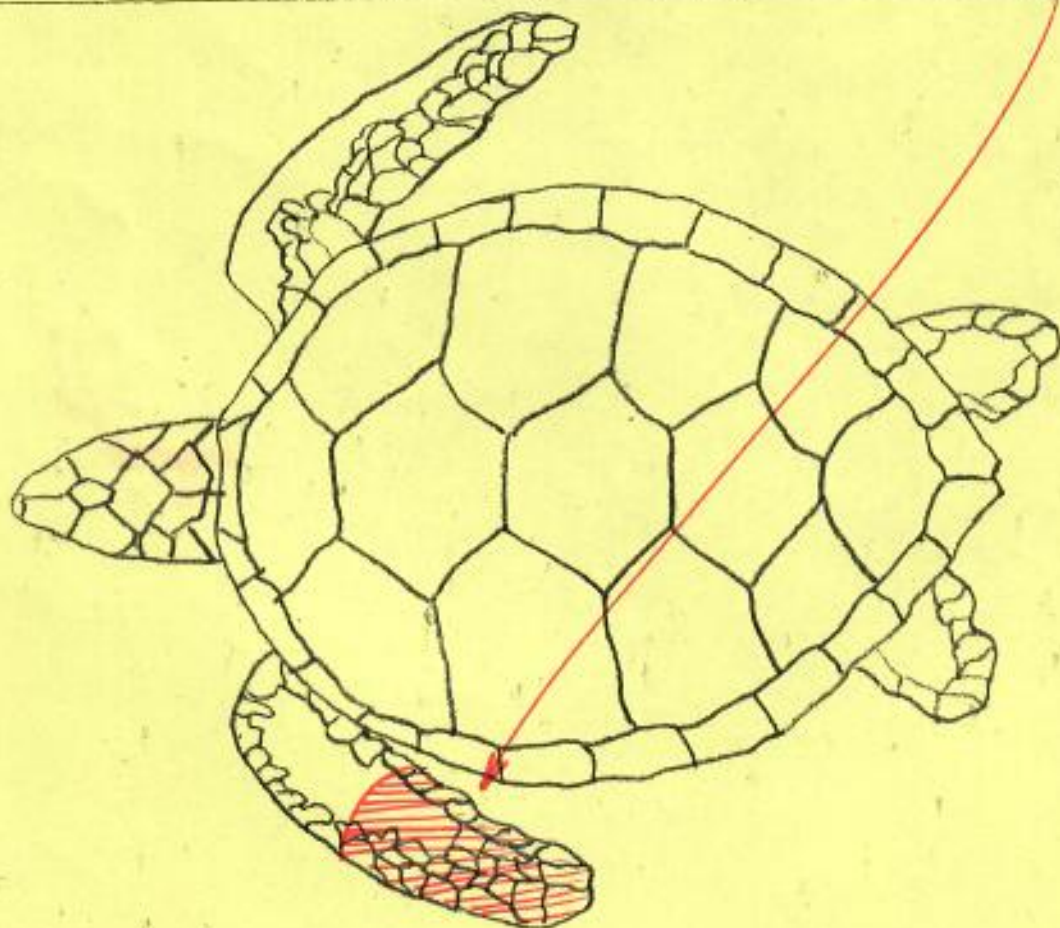
Location Caught: Kawela

Location Released: Kawela

Curved Length: 72.5(68.0)

Curved Width: 65.0(52.5)

Comments: Left Front flipper cut in half at spur



***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 6-17-85

Location Caught: Kawela "E" Forest = C

Method of Capture: Fisherman's nets (Hocajo)

281-

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Width Length (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<u>1</u>	<u>52.0 (49.0)</u>	<u>44.0 (37.5)</u>	<u>8618</u>	<u>8619</u>

6/17/85
 1 day
 264 total
 21 ME

Remarks: Turtle released at site of capture. 264 turtles tagged to date with 23 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 6-15-85

Location Caught: Kawela

Method of Capture: Fisherman's nets (Hocajo)

Number	Curved Length (cm)	Curved width (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
279 - 1	42.0 (39.0)	(38.5 (33.0))	8616	8617
280 - 2	48.5 (45.0)	42.5 (36.0)	6573 & 6571	6572

RECOVERYRECOVERY***RECOVERY***

Turtle #2 was originally tagged in the same area 2 years and 5 months ago. Since then it has increased its curved length by 8.5 cm and its curved width by 7.0 cm.

Both animals released at site of capture.

6/15/85
1 day
263 total
21 net

Remarks: 263 turtles tagged to date with 23 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: May 23, 1985

Location Caught: Palaau - 9 (probably at Orca where SE swam out)

Method of Capture: Hand grabbed while snorkling

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Width Length (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<u>273 1</u>	<u>64.5(60.2)</u>	<u>58.5(48.4)</u>	<u>8453-8454-8455</u>	

This turtle was tagged by George Balazs. Placement of tags were not specified.

Released at Palaau.

5/23/85
1 day total (r)
257
20 re

Remarks: 257 turtles tagged to date with 22 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 5-19-85

Location Caught: Kawela

Palaau, Bromian

coconut grove - Palaau "M"

Method of Capture: Incidental catch in nets of Hocajo

Number	Curved Length (cm)	Curved width (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
269' 1*	53.0 (50.5)	48.0 (42.0)	6698	6699
269 - 2**	47.0 (44.0)	40.5 (35.0)	8604	8605
270 - 3	45.0 (42.5)	38.5 (33.5)	8606	8607
271 - 4	71.0 (66.0)	62.0 (52.0)	8608	8609

*Recapture from 44-25-84. Initially caught and tagged and released at Palaau. This recovery indicates:

- (1) an increase in curved length of 2.0 cm;
- (2) an increase in curved width of 3.0 cm;
- (3) an increase in straight length of 2.5 cm;
- (4) an increase in straight width of 2.0 cm;
- (5) a eastward movement of approximately 7 miles.

**See attached sheet #1 for shell deformity.

No!!

5/26/90

Hocajo confirmed that all 4 were caught at Palaau by Sigfried & transported to Kawela. !! Ditto 5/20/85 one turtle!

*5/19/85
3 days total
255
20 ml*

Remarks: All turtles released at Kawela. 255 turtles tagged to date with 22 recoveries.

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: 5-19-85

Tag Number : left f/f right f/f
8604 8605

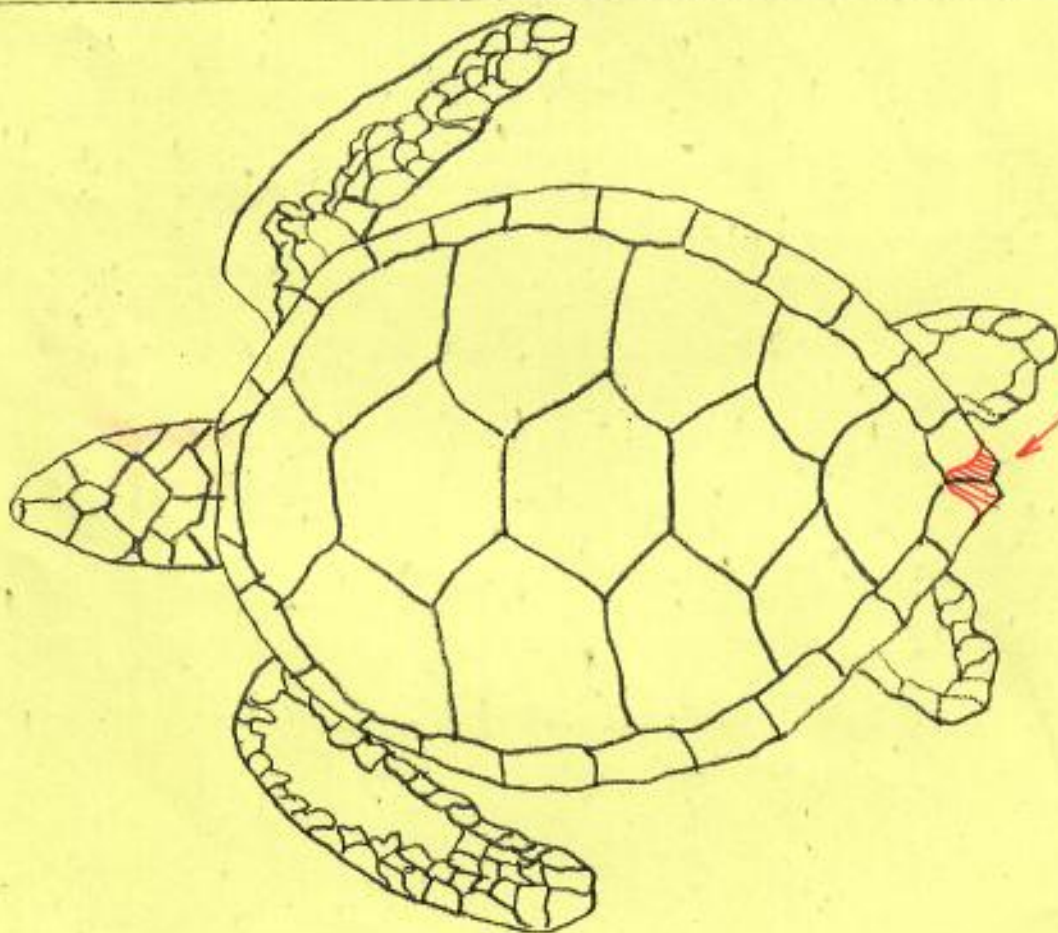
Location* Caught: Kawela, Molokai

Location Released: same as above

Curved Length: 47.0(44.0)

Curved Width: 40.5(35.0)

Comments: Rear end of carapace broken off



***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: May 9, 1985 *B*

Location Caught: 1/2 mile west of house, Palaau, Molokai

Method of Capture: nets

Number	Curved Length (cm)	Curved Width Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<i>No 5-</i> <u>1*</u>	<u>53.5(50.0)</u>	<u>48.0(41.0)</u>	<u>7305</u>	<u>7306</u>
<i>6p</i> <u>2</u>	<u>81.0(75.5)</u>	<u>74.5(61.0)</u>	<u>8824</u>	<u>8825</u>
<i>267-</i> <u>3</u>	<u>70.0(65.0)</u> <i>(65.0)</i>	<u>61.0(52.0)</u>	<u>8602</u>	<u>8603</u>

1* This is a recapture from 1/6/84, originally caught in this same area and released at Kawela.

5/9/85

2 day total

252

19 net

Remarks: 252 turtles tagged to date with 21 recoveries. also dead stop here w/ displacement figuring (not included)

* * * * * TURTLES TAGGED ON MOLOKAI * * * * *

Date Tagged: May 8, 1985

"5"

Location Caught: 1/4 mile west of biomass plant, Palaaau, Molokai

Method of Capture: nets

Number	Curved Length(cm)	Curved Width LENGTH (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<i>64</i> <u>1</u>	<u>48.5(45.5)</u>	<u>43.0(36.0)</u>	<u>8822</u>	<u>8823</u>

Note: Right rear flipper deformed.

Straight measurements in parenthesis.

5/8/85
1 Aug
250 total
19 net

Remarks: Released at Kaunakakai Dock. ~~XX~~ 250 turtles tagged to date with 20 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: May 7, 1985 ^{5"}

Location Caught: 1/2 mile west of Biomass plant, Palaaau, Molokai

Method of Capture: Nets

Number	Curved Length (cm)	Curved Width (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
259- 1*	82.0(74.5)	76.0(61.5)	7246	7247
60- 2**	73.5(68.5)	65.5(54.0)	8814	8815
261- 3	43.0(40.5)	39.5(33.5)	8816	8817
67 4***	43.5(41.5)	39.0(33.5)	8818	8819
263- 5	48.0(44.5)	43.5(37.5)	8820	8821

NOTE: Straight measurements in parenthesis.

1* This is a recapture from 5-15-84 which was also tagged in this same general area. - i.e. eastward movement

2** Plates on carapace odd. See attached sheet #1.

4*** Left rear flipper deformed. See attached sheet #2.

5/9/85
4 days
249 total
18 re

K'kaiwharf

Remarks: All of the above was released at ~~site of capture.~~

249 turtles tagged to date with 20 recoveries.

ATTACHED SHEET #1

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: May 7, 1985
left f/f right f/f

Tag Number : 8814 8815

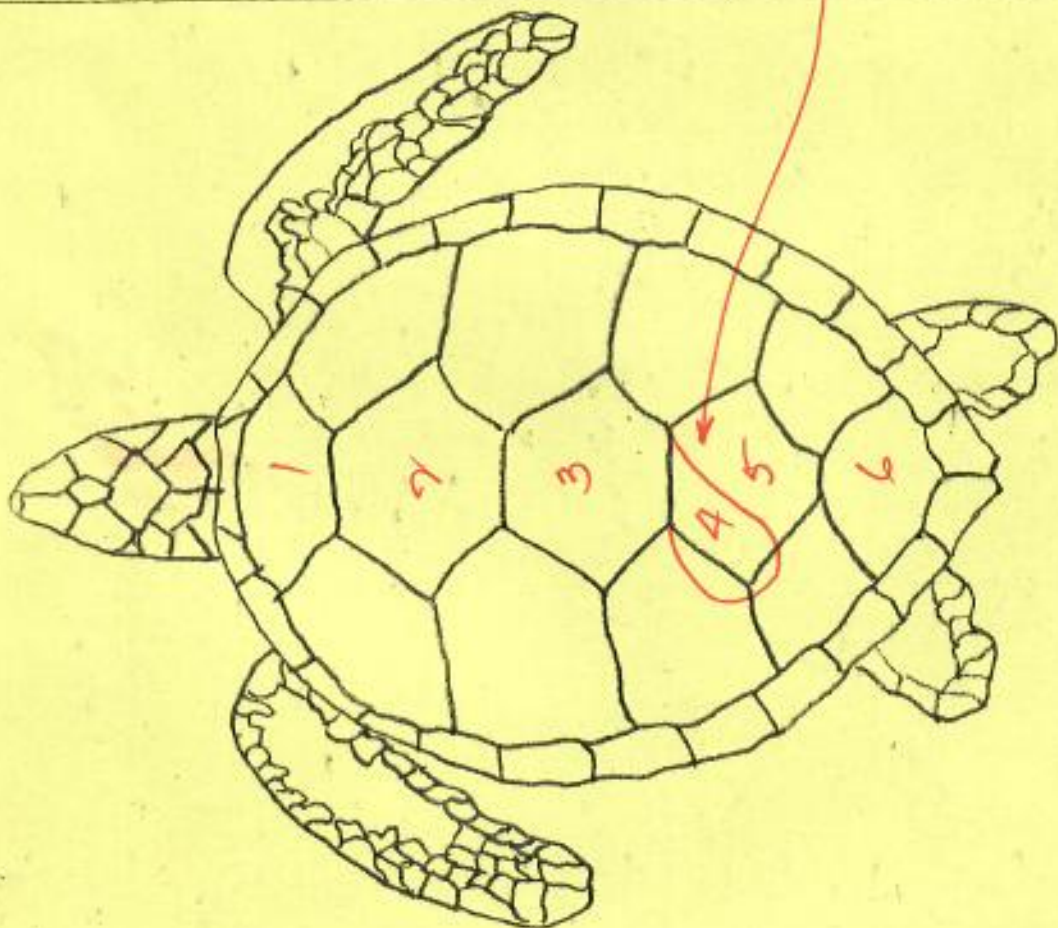
Location Caught: 1/4 mile west of biomass plant, Palaau, Molokai

Location Released: same as above

Curved Length: 73.5(68.5)

^{cm}
Curved Width: 65.5(54.0)

^{cm}
Comments: straight measurements in parenthesis; plates on carapace
not normal. EXTRA PLATE



ATTACHED SHEET # 7

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: May 7, 1985

left f/f right f/f

Tag Number : 8818 8819

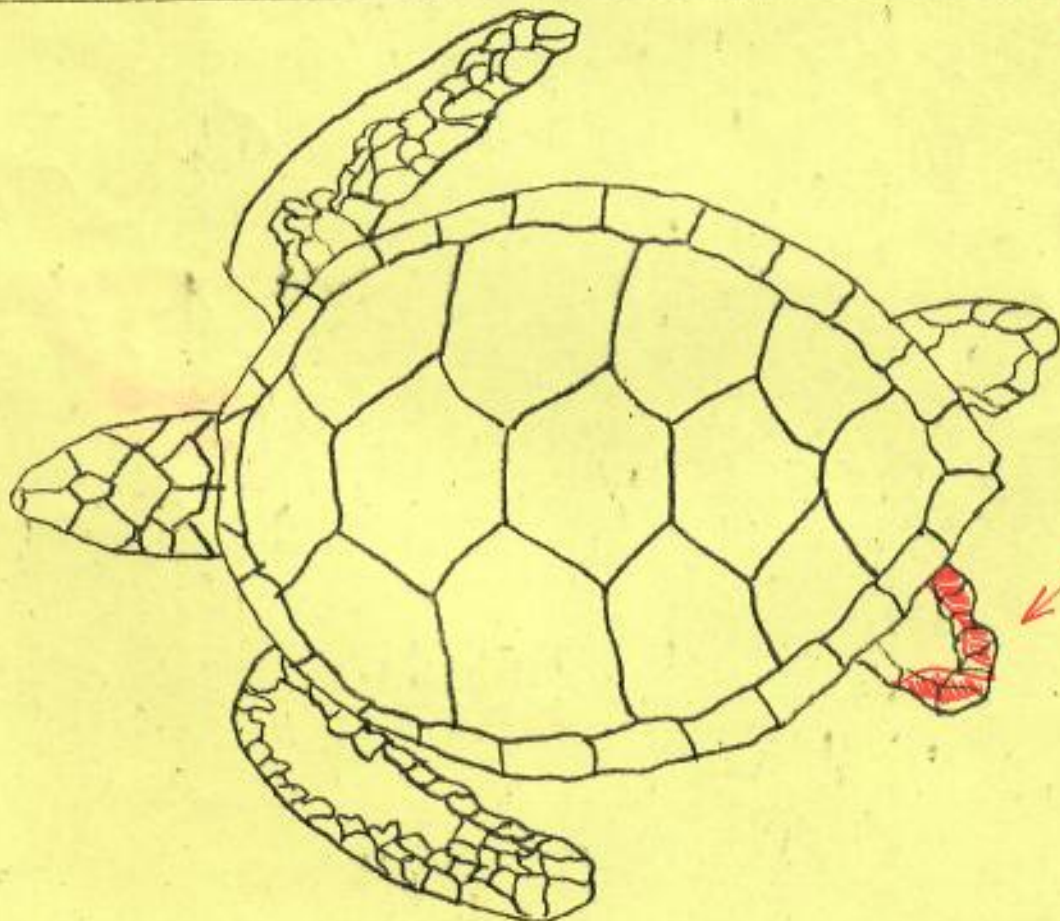
Location Caught: 1/2 mile west of biomass plant, Palalau, Molokai

Location Released: same as above

Curved Length: 43.5(41.5)

Curved Width: 39.0(33.5)

Comments: left rear flipper ^{deformed} deformed



***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 4-30-85

Location Caught: Palaau, outside biomass plant

Method of Capture: Nets

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Width Length (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
288- 1	48.0(45.0)	41.5(36.5)	8812	8813

Note: Straight measurements in parenthesis

4/30/85
 1 day
 245 total
 17 M

Remarks: 245 turtles tagged to date with 19 recoveries

Release at Kawela *

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 4-26-85

Location Caught: Just east of house in 10-12' water, Palaaau

Method of Capture: Nets

Number	Curved Length (cm)	Curved Width Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
255 1	72.5(67.3)	65.0(54.0)	8645	8648 ⁴ + RH 8646
6 2	77.5(71.4)	71.4(56.6)	8648	8647 + LH 8649
257.3	43.0(40.6)	41.0(34.5)	8601	8650

Note: Straight measurements in parenthesis

turtles released at ~~site of capture~~

→ K'kai Wharf

Picture taken
of Jerome Kelama III !!
By G.B.

4/26/85
3 days
244 turtles (2)
17 M

Remarks: 244 turtles tagged to date with 19 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 4-25-85

Location Caught: Outside Pakanaka Fishpond, Palaau

Method of Capture: Nets

Number	Curved Length (cm)	Curved Width Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
739 1	85.3 (79.2)	77.0 (60.3)	8584	8583 + RH 8582
40 2	76.0 (70.9)	68.0 ()	8586	8587 + RH 8585
		did not record		
1 3	75.0 (70.7)	66.5 (53.2)	8590	8589 + RH 8588
2 4	67.0 (61.9)	61.0 (49.4)	8593	8592 + RH 8591
3 5	69.0 (63.8)	63.5 (50.6)	8596	8595 + RH 8594
4 6	64.5 (59.5)	56.5 (46.9)	7939	7940
5 7	***Recovery from 4/11/85 which was released at K'Kai Dock***			
50 7	66.0 (61.5)	61.5 (58.0)	8599	8598 + RH 8597
6 8	45.5 (42.7)	41.0 (34.6)	8626	8600
7 9	59.0 (55.3)	58.0 (41.3)	8628	8627
8 10	61.0 (57.3)	55.5 (45.2)	8631	8629 + RH 8620
209 11	59.0 (55.0)	52.5 (43.5)	8633	8632
250 12	62.0 (57.8)	52.5 (45.1)	8634	8635
1 13	56.5 (51.3)	48.0 (41.1)	8637	8636
2 14	50.5 (47.5)	44.5 (37.0)	8639	8638
13 15	53.0 (49.2)	46.0 (39.7)	8641	8640
254 16	54.0 (49.7)	47.0 (38.6)	8643	8642

4/25/85
15 Aug
241 total
17 ne

Note: all above turtles released at site of capture.

Remarks: straight measurements in parenthesis; 241 turtles tagged to date with 19 recoveries.

* * * * * TURTLES TAGGED ON MOLOKAI * * * * *

Date Tagged: 4-24-85

Palaaau F

Location Caught: Outside of Pakanaka Fishpond, Palaaau

Method of Capture: Nets

Number	Curved Length (cm)	Curved Width Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<i>216</i> 1	79.0 (74.0)	72.8 (58.0)	7905	7904 + RH 7906
<i>7</i> 2	60.8 (56.7)	55.5 (45.0)	7909	7908 + RH 7907
<i>8</i> 3	66.4 (61.9)	59.0 (49.1)	7911	7910 + RH 7913
<i>9</i> 4	50.7 (47.4)	45.8 (38.7)	7914	7913 ^{7912⁵}
<i>220</i> 5	48.5 (45.6)	45.0 (37.8)	7916	7915
<i>1</i> 6	60.6 (57.2)	55.3 (46.7)	7918	7917
<i>v</i> 7	48.5 (45.5)	43.5 (35.8)	7920	7919
<i>3</i> 8	78.0 (71.0)	71.3 (56.3)	7922	7921 + RH 7923
<i>4</i> 9	50.5 (48.0)	44.3 (37.3)	7925	7924
<i>5</i> 10	70.5 (56.4)	63.5 (53.7)	7877	7876 + RH 7878
<i>6</i> 11	63.5 (59.4)	56.0 (46.0)	7881	7880 + RH 7879
<i>7</i> 12	52.6 (48.8)	46.2 (37.5)	7883	7882
<i>8</i> 13	76.5 (70.6)	68.0 (54.5)	7884	7885 + RH 7886
<i>9</i> 14	64.5 (60.0)	58.0 (49.3)	7889	7888 + RH 7887
<i>230</i> 15	71.0 (65.8)	61.0 (51.3)	7891	7890 + RH 7892
<i>1</i> 16	55.5 (51.5)	48.5 (39.4)	7894	7893
<i>d</i> 17	68.0 (63.8)	61.5 (50.0)	7897	7896 + RH 7895
<i>5</i> 18	75.0 (69.8)	69.0 (57.0)	7900	7899 + RH 7898
<i>d</i> 19	68.7 (63.9)	62.0 (49.8)	8569	8570 + RH 8571
<i>5</i> 20	78.5 (74.0)	68.5 (58.8)	8574	8573 + RH 8572

Remarks: Page 1 of 2; continue on next page

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 4-24-85 (Page 2 of 2)

Location Caught: outside pakanaka Fishpond, Palaau

Method of Capture: Nets.

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Width Length (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<u>736 21</u>	<u>50.0(47.0)</u>	<u>47.0(39.9)</u>	<u>8576</u>	<u>8575</u>
<u>7 22</u>	<u>66.2(61.7)</u>	<u>60.0(48.7)</u>	<u>8578</u>	<u>8577 + RH 8579</u>
<u>735 23</u>	<u>(39.9)</u>	<u>(34.6)</u>	<u>8581</u>	<u>8580</u>

Note: the curved measurements for number 23 were not recorded; straight measurements are in parenthesis.

all turtles tagged today were released at site of capture.

4/24/85
23 day
224 total
16 net

Remarks: 226 turtles tagged to date with 18 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: April 23, 1985

Palaau @

Location Caught: Just west of House at Palaau

Method of Capture: Nets

<u>Number</u>	<u>Curved Length</u>	<u>Curved Length (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<i>208</i> 1	68.0(63.3)	64.0(52.4)	6376	6377
	Recovery from 8/30/82; tagged today on right hind 7941			
<i>209</i> 2	69.5(65.0)	61.0(50.2)	7942	7944 + LH 7943
<i>210</i> 3	47.0(44.4)	40.0(34.4)	7301	7302
	Recovery from 1/5/84; RFF foremargin healed indentation not noted before			
<i>211</i> 4	41.0(38.8)	37.2(31.4)	7946	7945
<i>212</i> 5	46.5(43.7)	41.3(35.1)	7303	7304
	Recovery from 1/6/84 which was released at Kawela			
<i>213</i> 6	55.2(51.7)	48.3(40.2)	7949	7947 + LH 7948
<i>214</i> 7	44.5(41.6)	39.7(32.6)	7901	7950
<i>215</i> 8	42.0(39.7)	40.0(34.4)	7903	7902

Note: Straight measurements in parenthesis

4/23/85
5 days total
~~203~~
16 net

Remarks: All the above released at site of today's capture.

203 turtles tagged to date with 18 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: April 11, 1985

Palaau "D"

Location Caught: Just outside Pakanaka Fishpond

Method of Capture: Nets

Number	Curved Length (cm)	Curved Width Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<i>196-</i> 1	83.0(77.0)	72.5(58.0)	7867	7868 * <i>recovered later</i>
<i>197-</i> 2	76.0(71.5)	71.0(56.0)	7869	7870
<i>198-</i> 3	43.5(41.0)	39.5(33.0)	7871	7872
<i>199-</i> 4	56.0(52.5)	49.5(41.5)	7873	7874
<i>200-</i> 5	61.0(56.5)	53.0(44.5)	7875	7926
<i>201-</i> 6	66.0(60.5)	56.5(45.5)	7927	7928
<i>202-</i> 7	74.0(63.0)	64.0(58.0)	7929	7930
<i>203-</i> 8	70.0(64.0)	62.5(49.5)	7931	7932
<i>204-</i> 9	49.0(46.0)	43.0(35.0)	7933	7934
<i>205-</i> 10	61.0(57.5)	53.5(45.5)	7935	7936
<i>206-</i> 11	61.5(57.5)	52.0(44.5)	7937	7938
<i>207-</i> 12	64.0(59.5)	56.0(47.0)	7939	7940

NOTE: Straight measurements in parentheses

*4/11/85
12 day total
198
13 ac*

Remarks: Released at Dock. 198 turtles tagged to date with 15 recoveries.

GEORGE N. ARIYOSHI
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF FISH AND GAME
1151 PUNCHBOWL STREET
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EDGAR A. HAMASU
SECRETARY TO THE CHAIRMAN

DIVISIONS:
CONSERVATION AND
RESOURCES ENFORCEMENT
CONVEYANCES
FISH AND GAME
FORESTRY
LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

Jan. 14, 1985

George,

I just got a call from Paul K. in Honolulu re the hawksbill I'm nursing. Seems like he's not too enthused about me handling the animal since it is on the endangered list. He mentioned all kinds of reasons but the impression I culled out from his remarks was that since the FEDS grabbed jurisdiction over the animal, he doesn't (definitely Henry's feeling also) think we should have anything to do with them anymore. He wanted me to immediately release it but I managed to convince him otherwise because I still feel it's too weak. However, I did promise him that I would contact both you and Gene Nitta as to when it would be appropriate to do so. I did get a hold of Gene's office and got them to let me hold on to it for the time being. In your opinion, how large should the turtle be before it can be tagged, released, and still have a reasonable chance of surviving? It's no trouble keeping it. It feeds well and is becoming more active. I'm taking measurements once a week and starting with this note I'll be sending you the data each month. For your added info, Paul informed me Henry is unaware of the situation and he (Paul) will not mention it to him. Here's the data I've already collected:

Date	curved length	curved width	weight
11/28	3.8 cm	-	13.0 g
12/5	-	-	13.5 g
12/11	-	-	14.7 g
12/17	4.5 cm	-	15.5 g
12/23	4.8 cm	-	17.5 g
12/30	5.0 cm	-	19.5 g
1/6	5.2 cm	-	23.1 g
1/13	5.6 cm	5.0 cm	26.0 g

Relating to the subject of turtles, over the New Years Charles Dornick (a former college classmate, my best man, the godfather of our son, a Minister in the Government of the Marshall Islands, etc.) came over and spent the holidays with us on Molokai. We talked about the possible tagging of turtles on Bikar and he was very receptive to the idea and will support any such activity. He said he was going back and mentioned the idea to several of the higher ups and said he didn't think there would be much problem. Just this past Saturday (by coincidence) another friend Jerry Kramer who also resides in Majuro called and asked about when we were coming down to tagged turtles. Jerry purchased one of the San Diego trollers which were confiscated by GovMar and had it completely overhauled and refurbished recently. He intended to use it in fishing endeavor but bombed out and now the boat is idle. He wants us to use the boat to go to Bikar (for a price) and I think it is a good idea to take advantage of the situation now. Good, seaworthy boats in the Marshalls are at a premium and if we do something like this

we should try to get a boat like this. Chance in a lifetime George, and I really think we should seriously consider it. We got the backing of the local government and we got a seaworthy vessel. Jerry's also a very good friend and very straight. In fact, he took our son Mickey back with him a couple of summers ago for the a few months...that's how much we trust him. If we ever do any work in the Marshalls, these are the kinds of people we need to help us. Anyone else would be useless and only lead to chaos. Believe me, I know! We have to give this some serious thought and commit ourselves fairly soon. You'd love it there George. It's like stepping back in time and visiting another world. And...we'd be the first ones to do it.

Charlie also related another story you might find interesting (I'm also going to relay this to Gene N.). In 1954 when he was eleven, he sailed on a 50' vessel called the Karla from Likiep where he was born to Aur Atoll. While anchored offshore from an islet named Enob he and all aboard saw 4 seals swimming around the boat just under the surface of the water! The seals swam around for a long period of time so there was no mistaking the identification of the animals. As a matter of fact, some of the old timers on the boat mentioned that they had seen seals in the past elsewhere in the Marshalls and that the Marshallese name for them was kiru in lojet which translated in English meant "dog of the sea". Two of the seals were in the eight feet range while the other two were around six feet each.

Another seal story: just after WWII, several seals were seen in Maloelap Atoll. While the seals were present, several turtles beached themselves on Kaven Islet (where most of the people lived) which was very unusual. These turtles were killed and divided up among the people for food. The natives thought that the seals were sent by God to chase the turtles ashore for them and were very thankful. Shortly thereafter, one of the seals came ashore and fell asleep. A native became frightened and climbed up a nearby tree and stoned it to death. When the incident was related to Lanjmos who was the iroi (high chief) he was very angry and admonished the man who killed the seal. The seal was not eaten and the other seals soon after disappeared from Maloelap Atoll. The teller of this story was Lanjmos' son Hemi who worked with me at Resources & Development in Majuro. If we ever get to Majuro, we can look up Hemi and get the story 1st hand.

That's all for now. Here's wishing you a belated happy new years!

Aloha,

Bue

Nov. 8, 1984

George,

Here's a couple more turtle tagging data for last month. They were turtles caught in fishing nets other than Ed Mederios's. I'm not sure what kind of net configuration he was using...and I didn't bother asking.

Finally ran into Ed at the dock recently and passed on your message to call collect. Did he ever?

Just got through reading your Punalu'u tagging efforts in the Makai. Sounds like lots of turtles there.

In regards to the last tagging at Halepalaoa, Lanai...Dave Echert and I went there to conduct a CDUA field inspection. Some guy by the name of Star purchase a 7 acre parcel on the beach and now wants to dredge, dynamite some coral heads, construct a pier, etc. and handle some tour boats from Lahaina. While in the water counting critters, I noticed several more small size turtles around in relatively shallow water (10-20 feet). We were in the water for only 3/4 to 1 hour and in that short time I saw 3-4 turtles. I suspect there are a lot of them around. The caretaker of the property also confirmed this suspicion. Dave and I both concur that any large scale construction will have an effect on turtle activities in the area. By the way, the turtle tagged seemed exceptionally tame compared to others I've seen. He actually allowed me to swim over him for about 10 minutes and did not make any attempt to speed away. I kept above him not allowing him to come up for air and then dove down to grab him when I thought the time was right. For a moment, I thought he might have been sick or something. Nothing like that...just tame (or not experience in seeing humans).

Not much in the way of turtles here...the game wardens have been boarding boats netting in the Palaaau area but have yet to recover any evidence of poaching.

Aloha,

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 10-22-84

Location Caught: Halepalaoa Landing, Lanai

Method of Capture: hand grab

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved width Length (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
193- 1	39.5	36.0	7861	7862

Note: turtle was released at Manele Harbor;
two other turtles similar in size were
also seen in this area.

10-22-84
1 tag
154 total (r)
13 (w)
of which were members of same family (Mowbray)

Remarks: 184 turtles tagged to date with 15 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 10-18-84

Kawela C

Location Caught: Kawela, outside Kawia fishpond

Method of Capture: fisherman's nets

190'
191-

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved width length (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
1	54.0 (50.5)	48.5 (41.5)	7855	7856
2	44.5 (41.5)	39.5 (33.5)	7857	7858

Note: straight measurements in parenthesis.

10-18-84
2 day total
187
13 new

Remarks: 187 turtles tagged to date with 15 recoveries.

182

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 10-17-84

Kawela c

Location Caught: Kawela, outside Kawia fishpond

Method of Capture: nets

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved width (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<i>184</i> 1	49.5 (45.5)	42.0 (36.0)	7853	7854

Note: straight measurements in parenthesis

10/17/84
~~1 day~~
 180 total (1)
 13 net

Remarks: 180 turtles tagged with 15 recoveries to date.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: Oct. 7, 1984

Location Caught: Kawela "E"

Method of Capture: Fishermen's nets

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Width Length (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
188-1	72.0 (66.5)	62.5 (52.5)	7851	7852

Note: Straight measurements in parenthesis.

8/7/89
1 day
179 total
13 ne

Remarks: See attached #1. 179 turtles tagged to date with 15 recoveries.

193
if discrepancy in displacement recoveries if any show

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: 10-7-84
left f/f right f/f

Tag Number : 7851 7852

Location Caught: Kawela

Location Released: Kawela

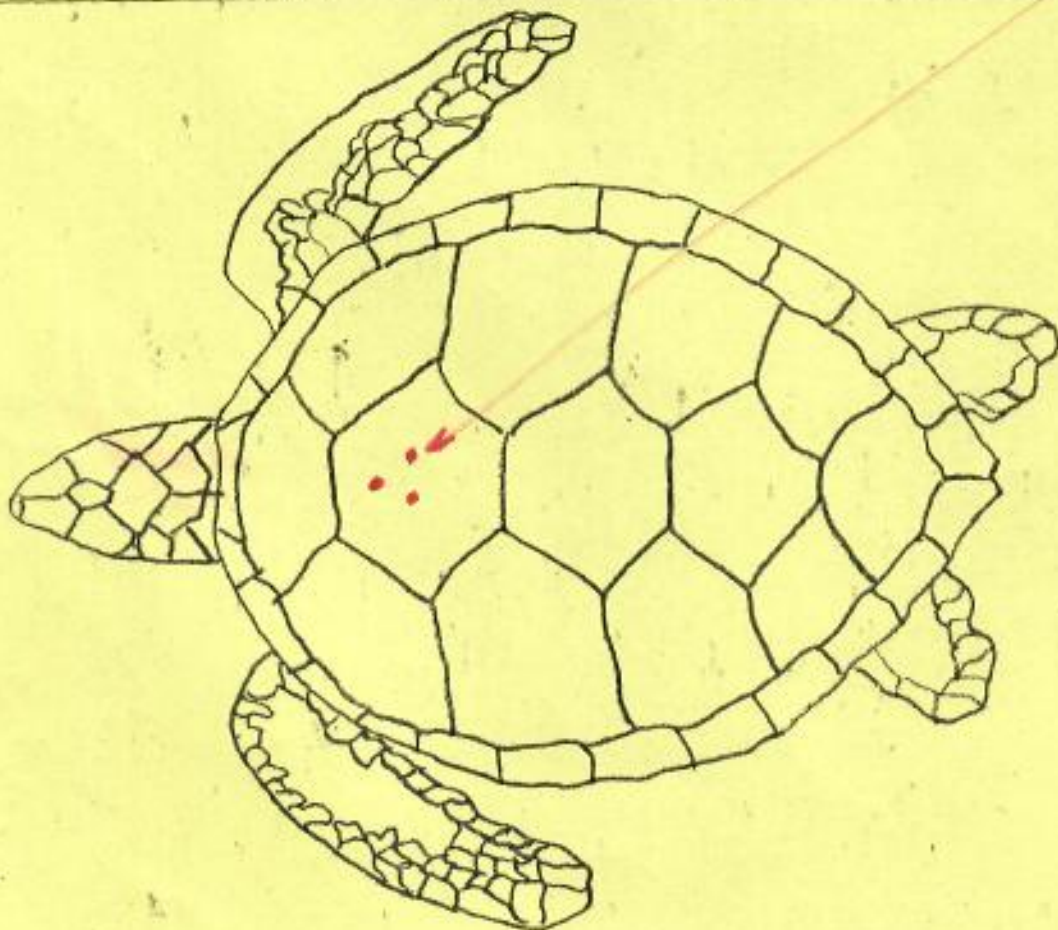
Curved Length: 72.0 cm (66.5 cm)

Curved Width: 62.5 cm (52.5 cm)

straight
Straight measurements
in parenthesis

Comments: _____

3 prong spear wound on top of shell



***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 9-10-84

Location Caught: _____

Method of Capture: _____

<u>Number</u>	<u>Curved Length</u>	<u>Curved Length (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
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On this day, anonymous return of two tags originally attached to an animal off Panahaha Fishpond on 2/26/83. No additional data was obtained other than the tags.

tag numbers 6606 & 6605

Remarks: _____

10-5-84

George,

Talked to Ed recently. He told me that he had received the PO but could not produce any turtles as of yet. He said he was more than willing to set out the old net in conjunction with tagging turtles. I think it is a great idea! Do me a favor...get the legality angle worked out so I can come along also. You know what I mean, it's got to be sanctioned by DOCARE AND DAR before I can participate. As much as I could care less sometimes, I feel I owe that -much to Sakuda et al.

In regards to recent anonymous return of tags...I don't feel it was a "rub it in your face" kind of deal. I am in good if not excellent terms with all the major fishermen on the island and I sincerely feel that no one is out to show me up. Quite the contrary, I feel someone thought enough about our endeavors to voluntarily return the tags. It was a conscious and concerted effort on the part of the returner to see that I got the tags back. He could have simply thrown the tags away and say the hell with it.

I got another anonymous tip last week concerning the remnants of turtles on the beach at East End. I found the chopped off head, tail section, na'au, and plastron on the beach between Niaupala and Kaopeahina Fishponds on the morning of Sept. 25th. It was a very large individual from the size of the head and the plastron. I did not take any measurements because of the deterioration and stench. Suffice it to say that it was large...at least 36" plastron length. I reported the incident to DOCARE ...casually as I remembered the uproar the last time. I mentioned the discarded shells at the dump. They are aware of the situation.

I have the map of Moomomi and your request. I keep it in the vehicle and get the info from Dr. Koch the next time I see him...usually at the post office. It might interest you to know that the film industry is seeking a blanket permit for unsupervised filming on various sites on the neighbor islands. One of the places is Kalani Beach (in the Moomomi area) where Dr. Koch saw the nesting tracts. I mentioned this fact to Dave Echert who was asked to submit comments to the planning department concerning these permits. He asked if anyone confirmed this sighting (either you or me) and I replied negative. In addition, many of the sites the film industry were seeking were in remote areas...prime candidates for potential turtle nesting sites. Just for your info.

All for now.

Yokwe,

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: May 16, 1984 "G"

Location Caught: Paiaau, 1 mile east of house on reef.

Method of Capture: Nets

Number	Curved Length (cm)	Curved Width Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
175- 1	42.0(40.0)	39.0(33.0)	7239	
9- 2	49.0(46.5)	42.5(36.5)	7240	
180- 3	44.5(42.5)	40.0(36.5)	7241	
1 4	73.5(68.5)	67.0(53.5)	7242	7249
2 5	52.5(48.5)	45.0(38.0)	7243	
3 6	81.0(73.5)	75.0(58.0)	7244	7245
4 7	79.0(73.5)	73.0(60.0)	7246	7247
5 8	64.0(59.5)	57.5(46.5)	7248	7249

RECOVERYRECOVERY***RECOVERY

6 9	82.0(76.5)	71.5(60.0)	6465	6466
-----	------------	------------	------	------

This animal was originally tagged 10/19/82 at approximately the same area it was caught today. Since then it has increased in curved length by 2½ cm and in curved width by 2.0 cm.

Paia "B"
2 miles west

RECOVERY*RECOVERY***RECOVERY

187- 10	64.0(59.5)	57.0(48.5)	7329	7330
---------	------------	------------	------	------

This turtle was first tagged on 2/8/84 at approximately the same area it was caught today. Since then it has increased in curved length by ½ cm and in straight length by ½ cm.

187-
½ mi west
Paia "B"

There were no appreciable changes in the width measurements.

Remarks: 178 turtles tagged to date with 14 recoveries.

5/16/84
8 days
178 total
13 ne

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: May 11, 1984

Location Caught: Palāau, outside biomass plant

Method of Capture: Nets

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Width Length (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
177-1	48.0(45.5)	42.5(37.0)	7237	7238

Straight measurements in parenthesis.

5/11/84
 1 day
 170 total
 HMC

Remarks: 170 turtles tagged to date with 12 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: May 10, 1984

"I"

Location Caught: Palaau, just outside Biomass plant

Method of Capture: Nets

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Width (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
173- 1*	79.0 (71.0)	73.5 (61.0)	7229	7230
174- 2	41.0 (38.5)	39.0 (33.0)	7231	7232
175- 3	56.0 (51.5)	48.5 (39.0)	7233	7234
176- 4	42.5 (39.5)	36.5 (32.5)	7235	7236

NOTE: Straight measurements in parenthesis.

5/10/84
 4 days
 169 total
 11 NE

Remarks: 1* See attached sheet #1. 169 turtles tagged to date with 12 recoveries. two more turtles were in the bag today

* * * * * DISTINGUISHING FEATURES ON TAGGED TURTLES * * * * *

Date Tagged: 5-10-84
left f/f right f/f

Tag Number : 7229 7230

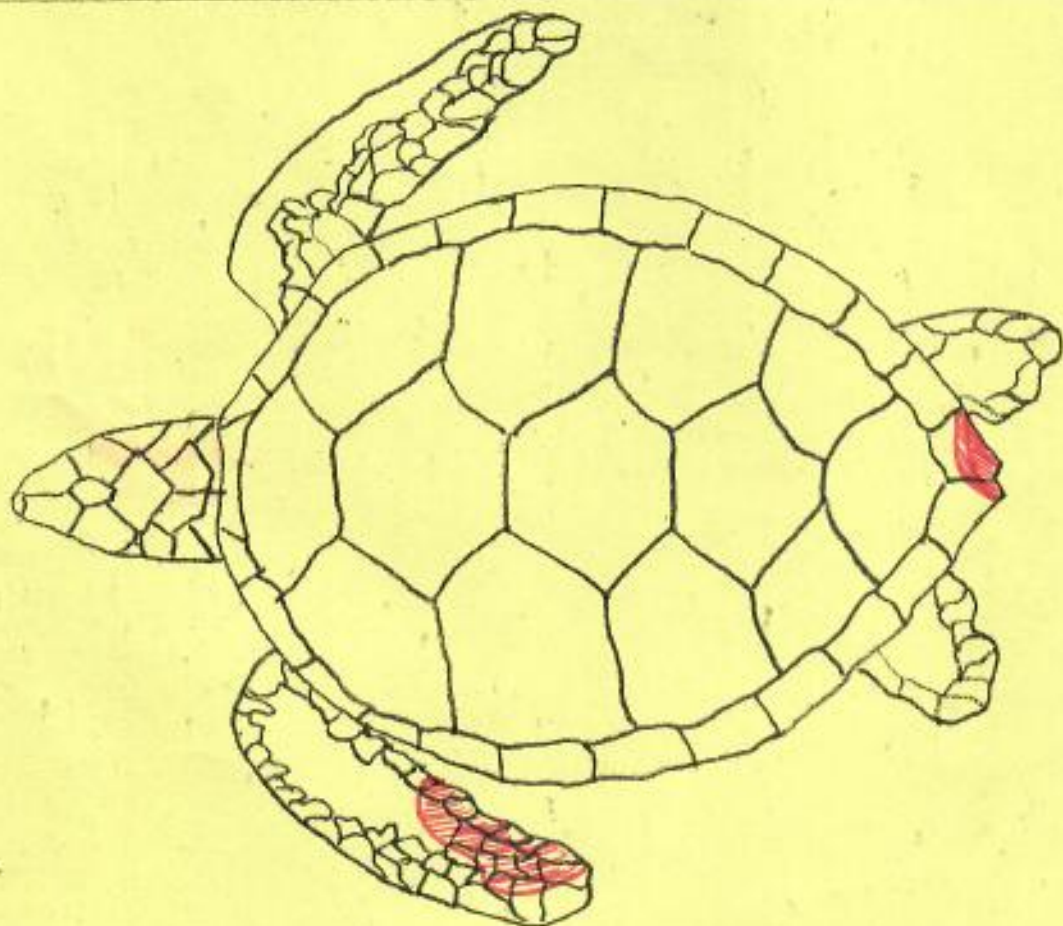
Location Caught: Palaau, outside biomass plant

Location Released: Same

Curved Length: 79.0(71.0)

Curved Width: 73.5(61.0)

Comments: Front left flipper deformed. Rear end of shell
chipped.



***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: May 9, 1984

*Palau
K*

Location Caught: Kaunana Point (approx. 3/4 mile east of Kolo Wharf)

Method of Capture: Nets

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Length Width (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<i>71-</i> 1	77.0 (71.0)	71.5 (57.5)	7225	7226
<i>71-</i> 2	47.5 (44.5)	42.0 (35.5)	7227	7228

NOTE: Straight measurements in parenthesis.

*5/9/84
2 day
165 total
11 se*

Remarks: 165 turtles tagged to date with 12 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: May 5, 1984

Palawan "K"

Location Caught: 1/2 mile east of Kolo Wharf

Method of Capture: Nets

Number	Straight measurements in		Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
	Curved Length (cm)	Curved width (cm)		
161- 1*	83.0 (79.5)	78.5 (62.5)	6731	6732
162- 2	88.0 (82.5)	80.0 (64.5)	6733	6734
163- 3	74.0 (69.5)	63.5 (52.5)	6735	6736
164- 4	69.5 (65.0)	63.5 (53.5)	6737	6738
165- 5	48.0 (44.5)	43.0 (37.5)	6739	6740
166- 6	43.0 (40.0)	39.0 (33.0)	6741	6742
167- 7**	47.0 (43.5)	40.5 (35.5)	6743	6744
168- 8	43.0 (40.5)	38.0 (33.5)	6745	6746
169- 9***	53.5 (51.0)	46.0 (39.0)	6747	6748
170- 10	43.5 (40.5)	38.5 (33.0)	6749	6750

check this figure!

1* See attached sheet #1.

7** See attached sheet #2

9*** See attached sheet #3

5/5/84
10 days
163 total
11 re

Remarks:

163 turtles tagged to date with 12 recoveries.

2 more huge turtles were left in the bag because

they were too big to handle.

ATTACHED SHEET #1

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: ~~May 5, 1984~~
left f/f right f/f

Tag Number : ~~6731~~ ~~6732~~

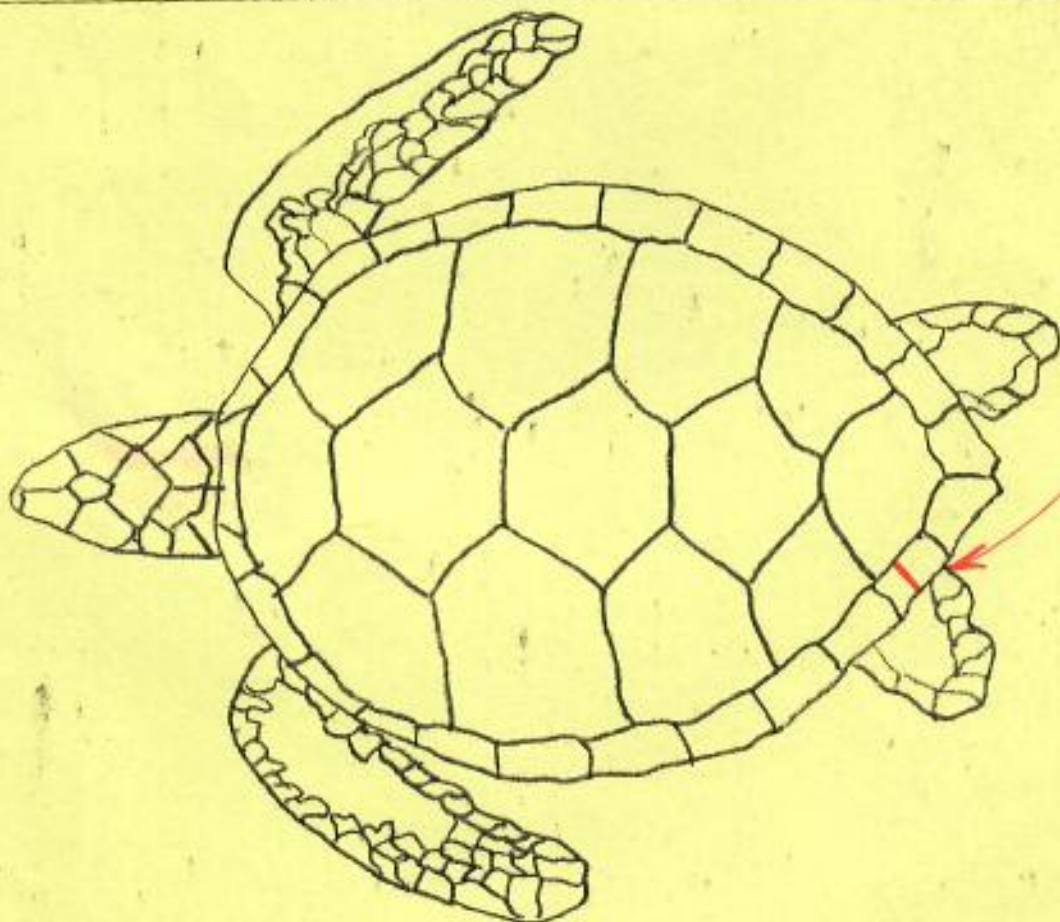
Location Caught: ~~1/4 mile east of Kolo Wharf~~

Location Released: same

Curved Length: ~~83.0 (79.5)~~

Curved Width: ~~78.5 (62.5)~~

Comments: Deep cut on the back left of shell



ATTACHED SHEET #2

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: May 5, 1984

left f/f _____ right f/f _____

Tag Number : 6743 _____ 6744 _____

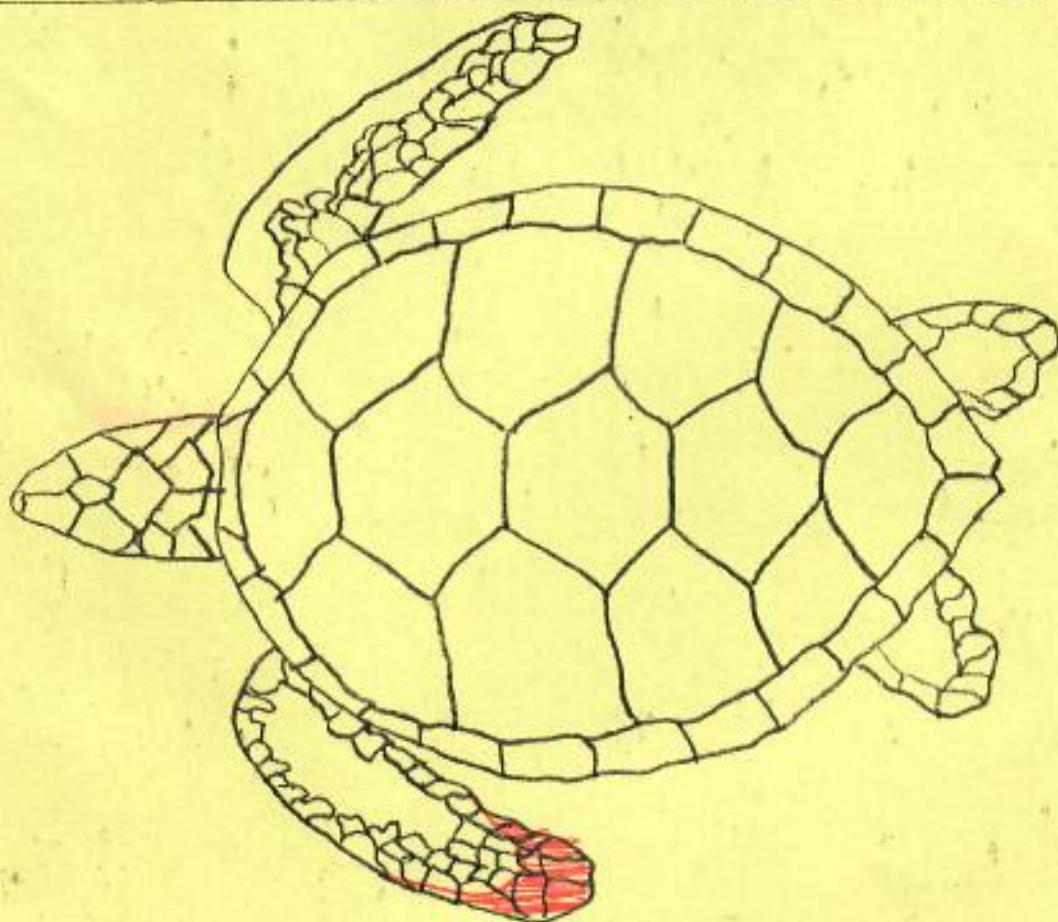
Location Caught: 1/4 mile east of Kolo Wharf

Location Released: same

Curved Length: 47.0(43.5)

Curved Width: 40.5(35.5)

Comments: Left front flipper deformed (short)



ATTACHED SHEET #3

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: May 5, 1984

Tag Number : left f/f right f/f
 6747 6748

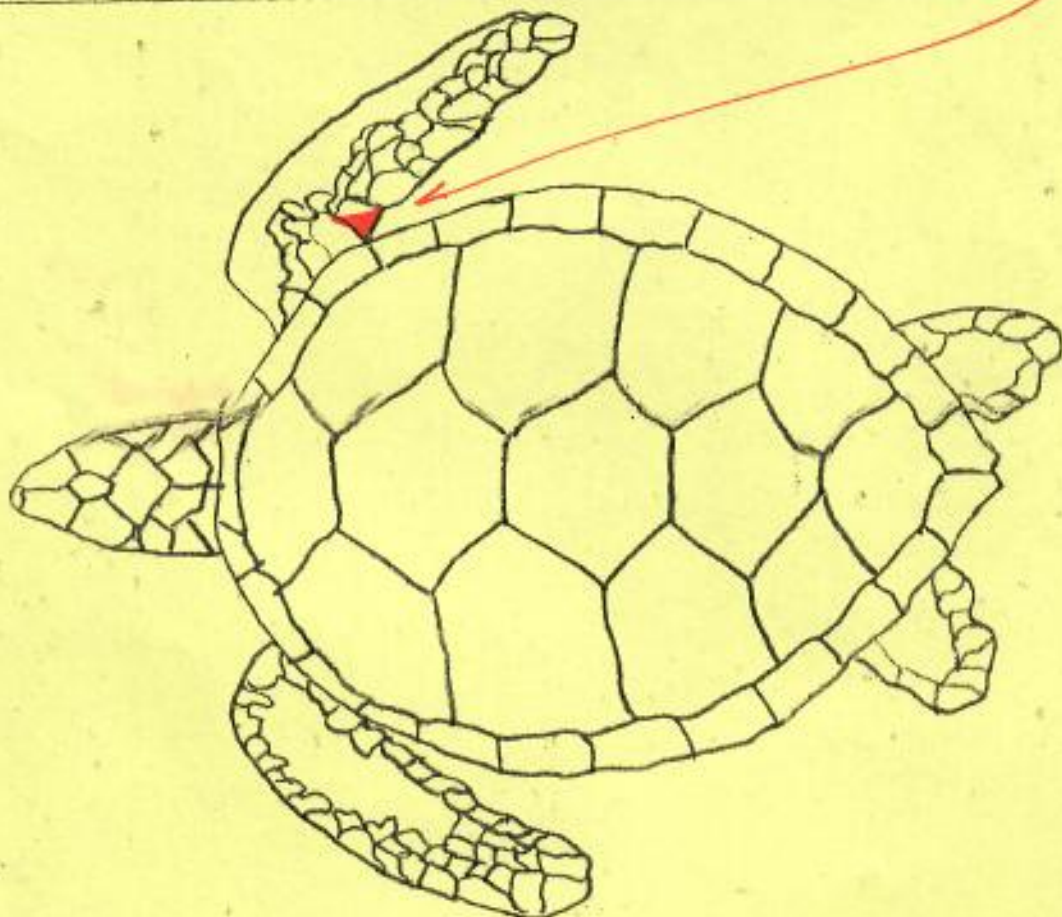
Location Caught: 1/4 mile east of Kolo Wharf

Location Released: same

Curved Length: 53.5(51.0)

Curved Width: 46.0(39.0)

Comments: Deep notch on inside of right front flipper



***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 4-26-84

Palasau

Location Caught: Palasau, Just outside the biomass plant

Method of Capture: nets

Number	Curved Length (cm)	Curved Length Width (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<i>155</i> 1*	44.0 (41.5)	38.0 (33.0)	6700	6726
<i>159</i> 2	41.0 (39.5)	37.0 (32.5)	6727	6728
<i>160</i> 3	62.5 (58.5)	57.0 (48.5)	6729	6730

Straight measurements in parentheses.

4/26/84
3 days
153 total (1)
11. NW

Remarks: *See Attached Sheet #1. 153 turtles tagged to date with 12 recoveries.

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

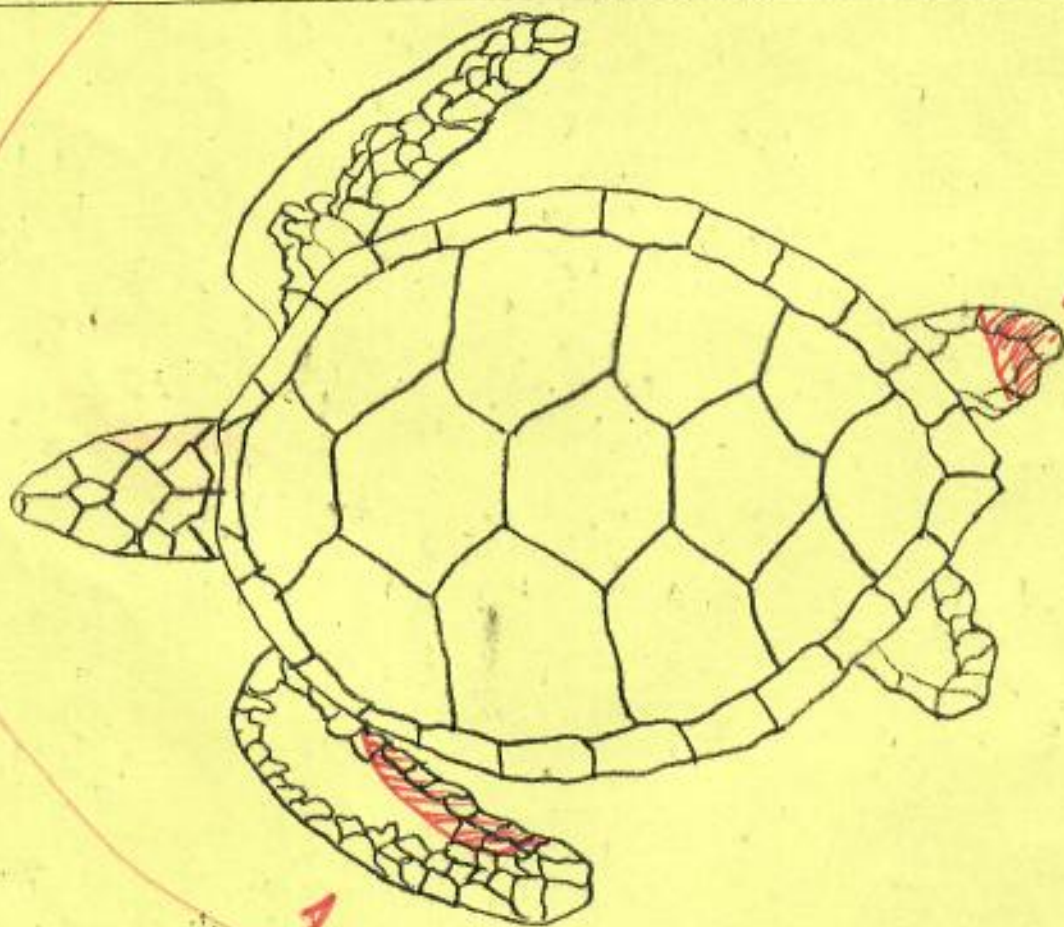
Date Tagged: 4-26-84
left f/f right f/f
Tag Number : 6700 6726

Location Caught: Palau, outside biomass plant

Location Released: Same as above

Curved Length: 44.0 (41.5)
Curved Width: 38.0 (33.0) straight measurements in parenthesis

Comments: front left flipper deformed. Also right rear flipper deformed.



***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 4-25-84

*Palaau
Kawala "I"*

Location Caught: Palaau, just outside biomass plant

Method of Capture: Nets

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Length Width (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<i>15-</i> 1	63.5(58.5)	56.5(47.5)	6696	6697
<i>16-</i> 2	51.0(48.0)	45.0(40.0)	6698	6699 <i>in line</i>
<i>17-</i> 3*	44.5(41.5)	41.0(34.5)	6599	6600

* NOTE: This is a recovery. This animal was originally tagged 1 year and 12 weeks ago at Kamalo. This recovery indicates:

Jan 28, 83

- (1) an increase of curved length of 5.5 cm;
- (2) an increase of curved width of 4.0 cm;
- (3) a movement of approximately 14 miles to the west of where it was last seen.

Straight measurements in parenthesis.

*4/25/84
2 day trial
150
11 re*

Remarks: The chip in the rear end of the shell of #3 as described On the original report form (1/28/83) still evident. 150 turtles tagged to date with 12 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: April 14, 1984

Kawela "D"

Location Caught: Kanukuawa Fishpond (released same area)

Method of Capture: Nets

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Length Width</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<i>N2</i> 1	46.0(43.5)	42.0(36.5)	6690	6691
<i>N3</i> 2*	86.5(80.5)	81.0(65.5)	6692	6693
<i>N4</i> 3	90.0(83.0)	82.0(65.5)	6694	6695

~~*The left front flipper of this animal (#2) is deformed. See attached sheet #1 for description.~~

Note: Turtles 2 & 3 were females.

Also ² turtles caught yesterday and released had wandered back into the nets today. They were released without any further measurements.

Tag numbers were: (1) 6686 & 6687

(2) 6644 & 6645

4/14/84
3 days
148 turtles
10 re

Remarks: 148 turtles tagged to date with 11 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

4-13-84

Date Tagged:

Kawela "B" "D"

Location Caught: ~~Kakahala Fishpond~~ (Released same area)

KAWAKUAWA

Method of Capture: Nets

Number	Curved Length (cm)	Curved Width (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<i>149-1</i>	64.5 (60.5)	58.0 (47.5)	6686	6687
<i>150-2*</i>	52.5 (48.5)	45.5 (39.0)	6644	6645
<i>151-3**</i>	90.0 (83.0)	84.0 (65.0)	6688	6689

2 miles
 *Note: This is a recovery! This animal was first tagged 40 weeks ago approximately ~~14 miles east of this site~~ *2 same area!!* since then it has increased in size as follows:

Jul 7, 1983

Kawela "D" (KAWAKUAWA)

- (1) curved length = 5.0 cm
- (2) curved width = 3.5 cm
- (3) straight length = 4.0 cm
- (4) straight width = 3.0 cm

Tags on both sides were "ingrown" and crusted over with deposits which were scraped off to make numbers readable. However, both tags were secured and firmly in place.

** This turtle (number 3) is definitely a female.

Remarks: 145 turtles tagged to date with 11 recoveries.

4/13/84
2 days
145 total
10 re

* * * * * TURTLES TAGGED ON MOLOKAI * * * * *

Date Tagged: 4/12-84

Location Caught: Kakahala Fishpond
Kanukana

Method of Capture: Nets (released same area)

Number	Curved Length (cm)	Curved Width Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<i>143-1</i>	63.0 (58.5)	56.5 (47.0)	6650	7276

Note: This is a recovery! This turtle was first tagged 31 weeks ago in the same general area.

Since then it has increased in size as follows:

- (1) curved length - 1.0 cm
- (2) curved width - 2.5 cm
- (3) straight length - 1.0 cm
- (4) straight width - 1.5 cm

Tags on both sides were "ingrown" and crusted over with deposit. However,

both tags were still well secured and firmly in place.

9/7/83
at Kanukana
1 1/2 miles
from
head
of
the
island
No. 1
2

4/12/84
0 days
143 total
9 re

Remarks: 143 turtles tagged to date with 10 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 4-4-84

*Palaau
"I"*

Location Caught: Palaau

Method of Capture: Nets

Number	Curved Length (cm)	Curved width Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
1026-148 1	46.0(44.0)	41.0(35.0)	6678	6679
1027-149 2	46.0(44.0)	41.0(35.5)	6680	6681
1028-150 3*	43.0(40.5)	38.0(33.0)	6682	6683
1029-151 4	41.5(39.5)	36.5(32.0)	6684	6685

Note: Straight measurements in parenthesis.

*Must add to mid. of DBASE.
4/4/84*

*appended these four animals 7-23-91
w/ numbers 1026-29*

*4/4/84
4 days
926 total
w/ 1 recoveries*

*4/4/84
~~143~~
~~154~~
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~~199~~
~~200~~*

Remarks: *See attached sheet no.1. 143 turtles tagged to date with 9 recoveries.

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: 4-4-84
left f/f right f/f

Tag Number : 6682 6683

Location Caught: Palaau

Location Released: Same as above

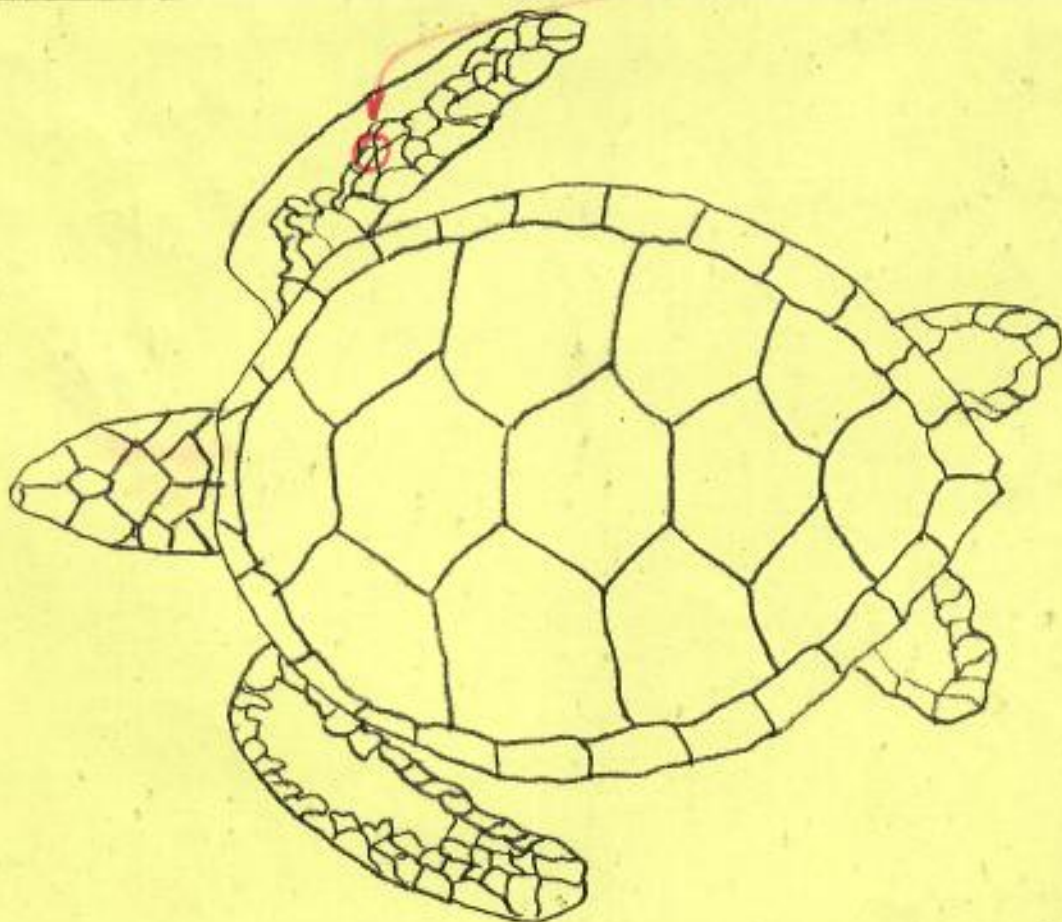
Curved Length: 43.0(40.5) cm

Curved Width: 38.0(33.0) cm

Note: straight measurements in parenthesis

Comments: _____

Hole in right front flipper.



***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: 3-24-84

- Palaaui 5

Location Caught: Palaaui, East of House (released same area)

Method of Capture: Nets

Number	Curved (in.) Length (mm)	Curved Width DEPTH (mm) (in)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<i>147</i> -1	<u>21½"</u>	<u>19½"</u>	<u>7335</u>	<u>7336</u>

RECOVERY!!! This animal was originally tagged last month 2/11/84. At that time it was caught just outside the biomass plant and released at Kaunakakai Dock. With this recovery, it is shown that the animal had moved back to the original site even after being displaced.

Measurements taken by E. Mederios.

3/24/84
0 days
139 total (1)
8 recovery

Remarks: 139 turtles tagged with 9 recoveries to date.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: Feb. 23, 1984

Kanula E

Location Caught: Outside Panahaha Fishpond (released same)

Method of Capture: Nets

Number	Curved Length (cm)	Curved Length (cm) ^{width}	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<i>141</i> - 1	73.0(67.5)	64.5(52.0)	7341	7342
<i>142</i> - 2	62.5(58.0)	58.0(48.0)	7343	7344
<i>143</i> - 3*	43.0(40.5)	39.0(36.0)	7345	7346
<i>144</i> - 4	52.0(48.5)	46.0(38.0)	7347	7348

Note: Straight measurements in paranthesis.

2/23/84
4 day
137 total
7 re

Remarks: 3* See attached sheet #1. 137 turtles tagged to date with 8 recoveries.

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: Feb. 23, 1984
left f/f right f/f

Tag Number : 7345 7346

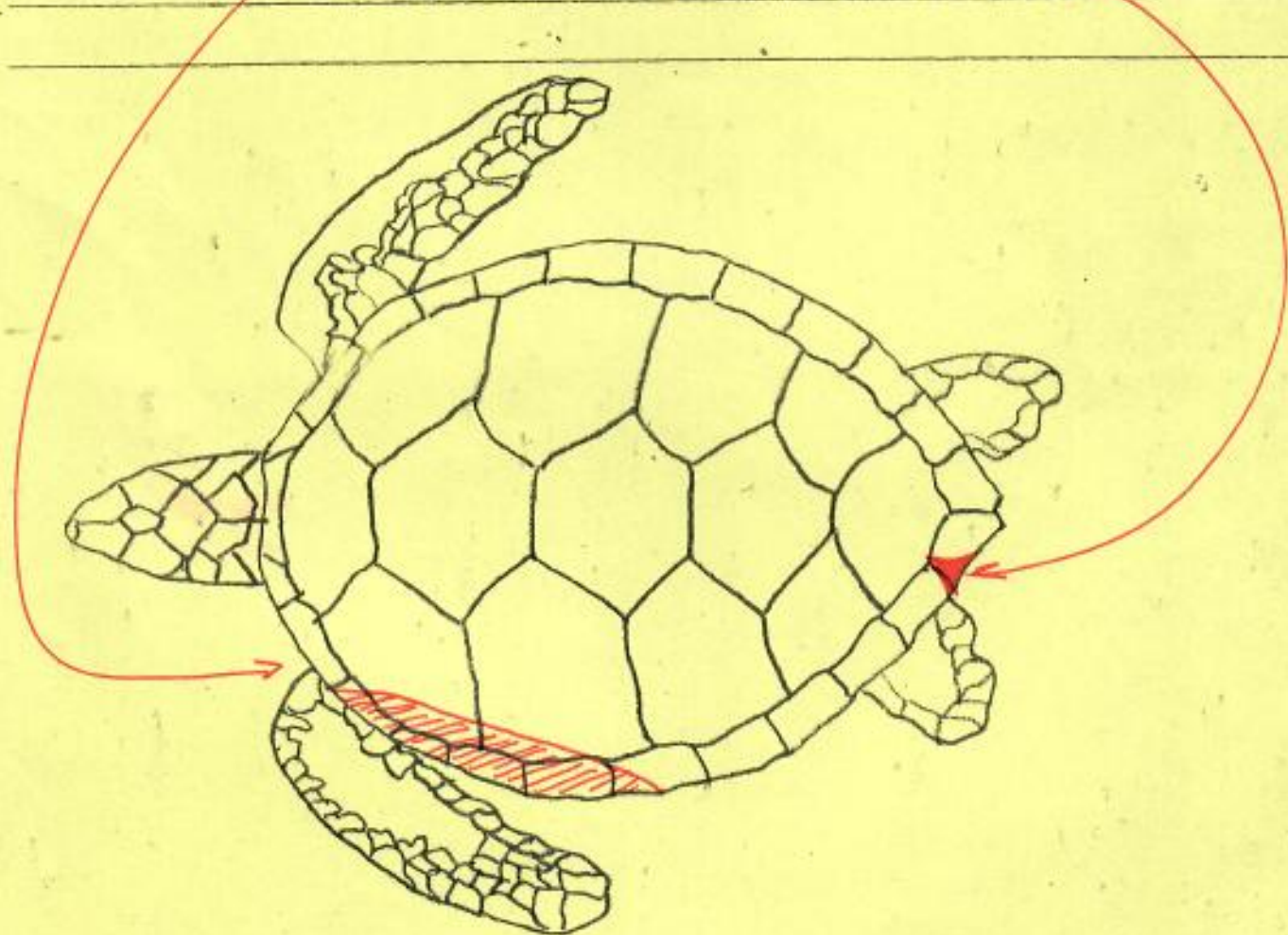
Location Caught: ~~Outside Panahaha Fishpond~~

Location Released: Same as above

Curved Length: 43.0 40.5 (straight measurement)

Curved Width: 39.0 36.0 (straight measurement)

Comments: Left side deformed. Possible shark bite. Healed
completely over. Deep notch on rear of shell.



***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: February 11, 1984

P⁰I

Location Caught: Palaau, Outside of Biomass Plant

Method of Capture: Nets

Number	Curved Length (cm)	Curved Width (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
136- 1	68.0(64.0)	59.0(51.0)	7333	7334
137- 2	55.0(52.5)	49.5(41.5)	7335	7336
138- 3	67.5(63.5)	62.0(52.0)	7337	7338
139- 4	50.0(46.5)	45.0(38.0)	7339	7340

RECOVERYRECOVERY***RECOVERY***RECOVERY***RECOVERY***RECOVERY***

140- 5	76.5(71.5)	72.0(57.5)	6453	6454
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The above turtle was originally tagged on Molokai 16 months ago approximately 2 miles west of today's site. Both tags were in good shape with puncture holes on both flippers very well healed over. The turtle was robust and in good shape. The increase in curved length was 14 cm and the increase in curved width was 1.0 cm.

2/11/84
4 days
133 total
7 re

Remarks: All five turtles were released at Kaunakakai Dock.
Straight measurements are recorded in parenthesis.
133 turtles tagged to date with 8 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: February 8, 1984

Palaau "c"

Location Caught: Nets at Palaau, K'kai side of 1st harbor (5 mil.)

Method of Capture: Nets

Number	Curved Length (cm)	Curved Length (cm) Width (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<i>133</i> 1	63.5(59.0)	57.0(48.5) XXXXXX	7329	7330

RECOVERYRECOVERY***RECOVERY***RECOVERY***RECOVERY***

<i>134</i> 2	72.0(67.5)	64.0(55.5)	6402	6403 & 6404
--------------	------------	------------	------	-------------

Note: This animal was originally tagged 17 months ago on Sept. 3, 1982 approximately $\frac{1}{2}$ mile from initial site at Palaau. Based on curved length measurements, the animal increased in length by 1.5 cm with a growth rate of 1.06 cm per year. All three tags were in good shape and still well secured to flippers. Calcareous growth on tags had to be scraped off prior to reading numbers. Tag punctures on flippers very well healed over with no evidence of infections or tearing.

*2/8/84
1 bag
128 total
6 re*

Remarks: Both animals were released at Kaunakakai Dock.
128 turtles tagged to date with 7 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: January 28, 1984 *Kawela F*
 Location Caught: Kawela (1 mile)
 Method of Capture: Nets

Number	Curved Length (cm)	Curved Length (cm)	Width (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<i>129-</i> 1	50.5 (47.0)	42.0 (36.5)		7321	7322
<i>130-</i> 2	70.0 (64.5)	59.0 (51.0)		7323	7324
<i>131-</i> 3	67.0 (62.5)	60.0 (49.0)		7325	7326

Note: Straight measurements in parenthesis.

1/28/84
3 day
126 total
5 re

Remarks: 126 turtles tagged to date with 6 recoveries.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: Jan. 17, 1984

Kamalo "B"

Location Caught: Ualapue, Molokai

(13 miles)

Method of Capture: Nets

Number	Curved Length (cm)	Curved Width (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<i>124</i> - 1*	75.0(69.5)	71.0(57.0)	7311	7312
<i>125</i> - 2**	95.0(87.0)	92.0(71.0)	7313	7314

NOTE: straight measurements in parenthesis!

Released at Kihikihi Wharf!!

*1/17/84
2 days
120 total (1)
5 ne*

Remarks: *See attached sheet #1

**See attached sheet #2; this animal was a female.

120 turtles tagged to date with 6 recoveries.

ATTACHED SHEET #1

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: 1/17/84
left f/f right f/f

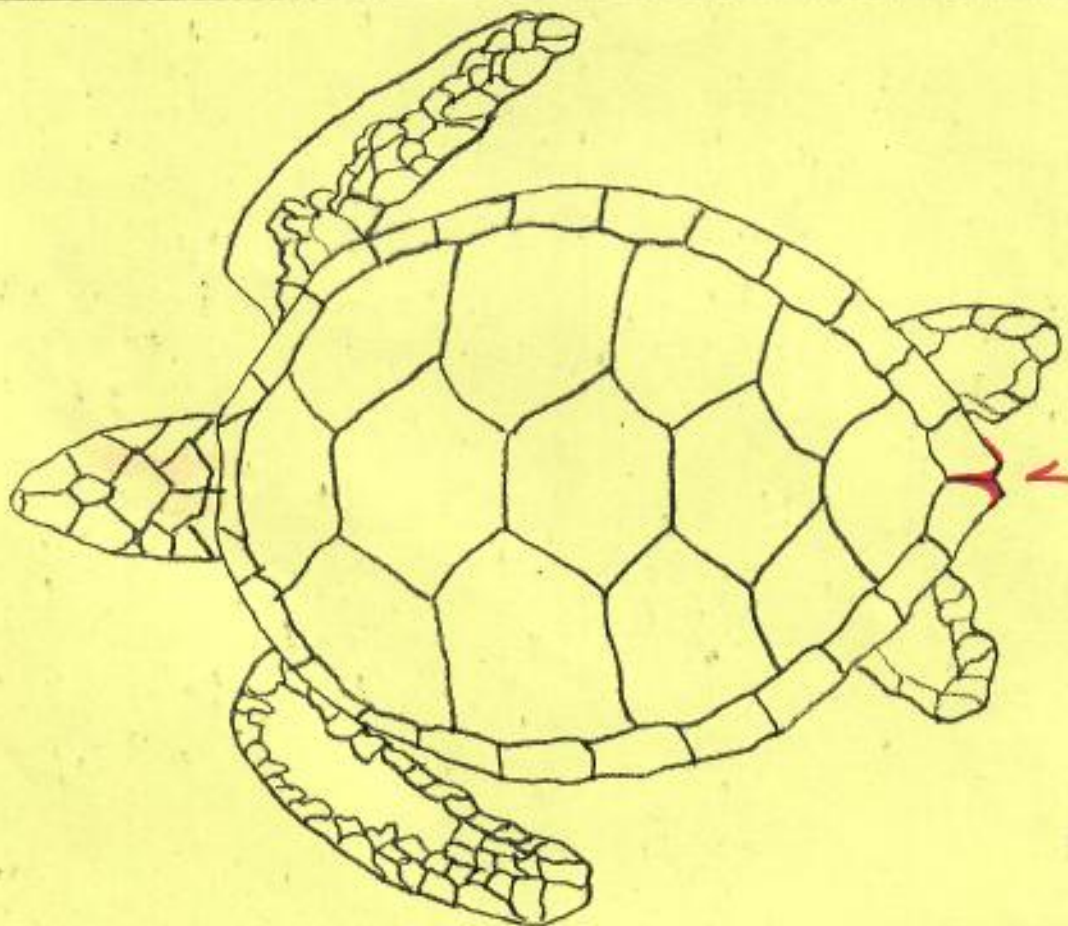
Tag Number : 7311 7312

Location Caught: Ualapue

Location Released: Kaunakakai Wharf

Curved Length: 75.0 cm (69.5 cm)
Curved Width: 71.0 cm (57.0 cm) } straight measurements

Comments: Pronounce split between rear scales above tail.



ATTACHED SHEET #2

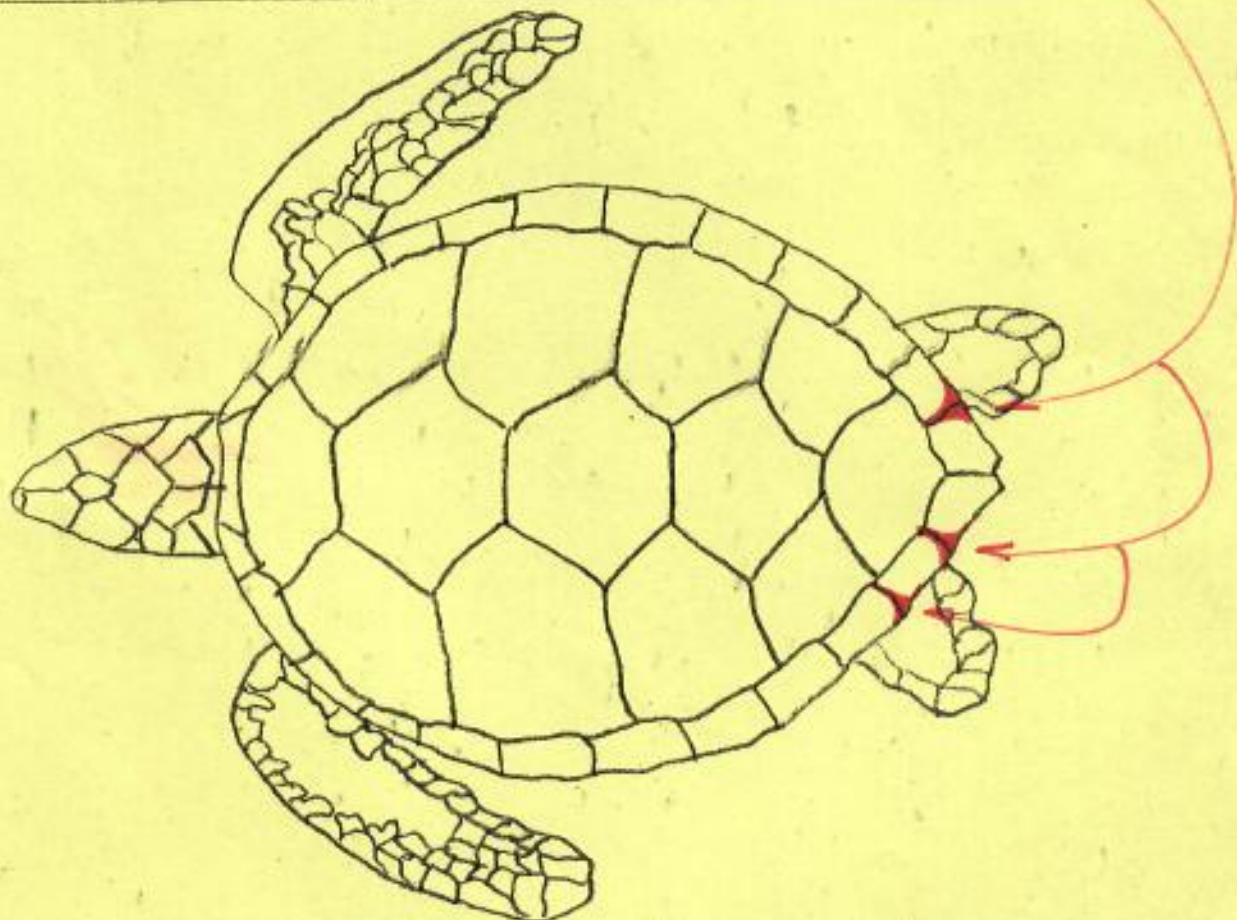
***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: 1/17/84
left f/f right f/f
Tag Number : 7313 7314

Location Caught: Ualapue
Location Released: Kaunakakai Wharf

Curved Length: 95.0 cm (87.0 cm) } straight
Curved Width: 92.0 cm (71.0 cm) } measurements

Comments: Female; rear part of shell partly deformed;
three notches on rear of shell.



December
January 5, 1983

George,

Enclosed are a couple more tagging data. The animals were caught in Ed's nets as usual.

Also enclosed is an article I thought might interest you. I found the newspaper on Hawaiian Airlines during our trip over to Honolulu for the holidays. Oddly enough, after looking over the Federal regs I could not locate any wording which prohibits this sort of activity. If you can find any, please let me know.

I had a chance meeting with one of the MOP students from Hilo whom informed me that she had given you a hand in tagging turtles on the Big Island lately. She couldn't name the exact location of your tagging activity and said she only stayed with the group for one night. Said ~~she~~ turtles were tagged during that one night she was there. Pretty good! How many did you tag altogether and where was this spot? Informants name = Roxane Adams. Father and mother work here on Molokai.

Here's a belated wish for a prosperous New Year. Good health and good luck to y'all.

Aloha,

"Levi"

ATTACHED SHEET #1

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: December 20, 1983
left f/f right f/f

Tag Number : 7291 7292

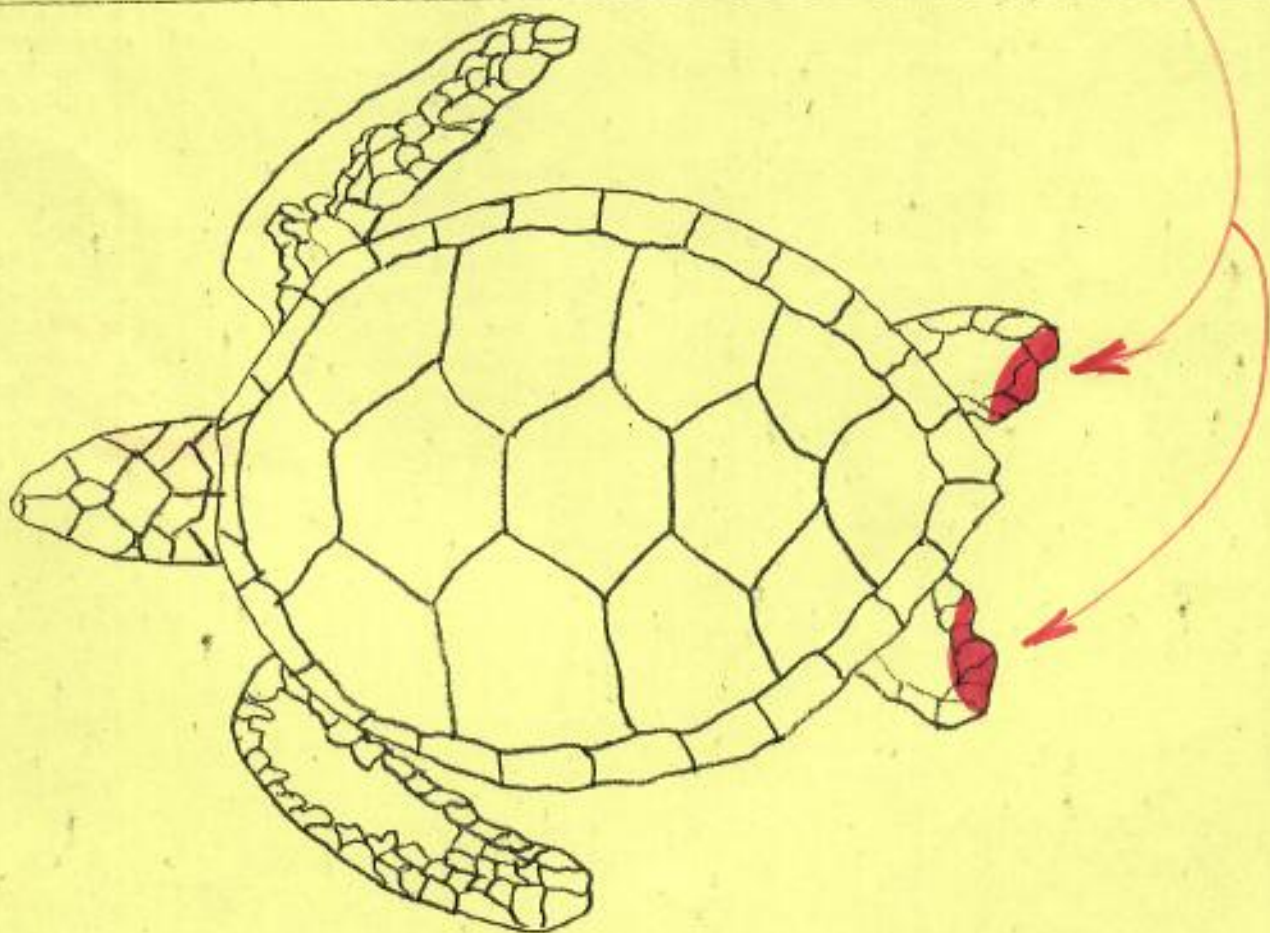
Location Caught: Palaaau, Molokai

Location Released: Same as above

Curved Length: 47.5 (45.0) ←-straight measurement

Curved Width: 42.0 (37.5) ←-straight measurement

Comments: Both rear flippers were bitten or deformed.



ATTACHED SHEET #2

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: December 20, 1983
left f/f right f/f
Tag Number : 7293 7294

Location Caught: Palaau, Molokai

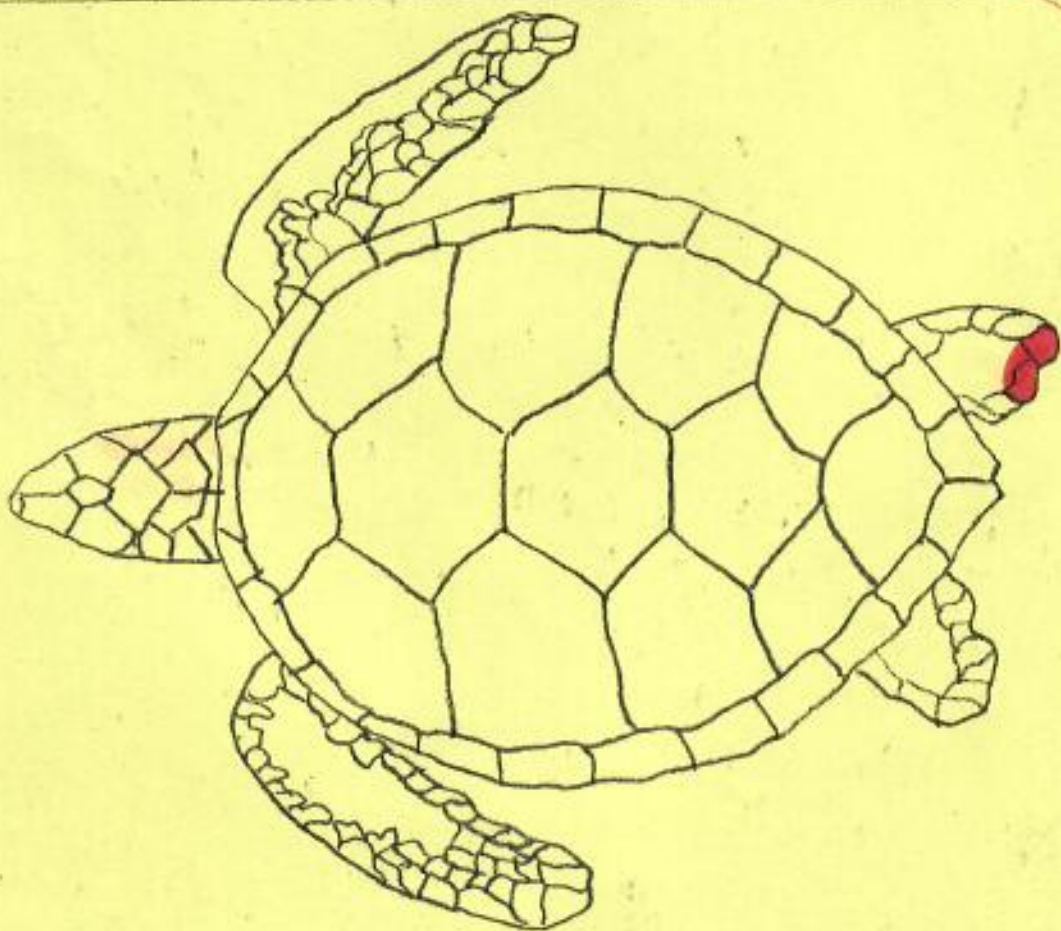
Location Released: Same as above

Curved Length: 46.0 (43.0)--straight measurement

Curved Width: 42.0 (36.5)--straight measurement

Comments: _____

Right rear flipper bitten



ATTACHED SHEET #3

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: ~~December 20, 1983~~
left f/f right f/f

Tag Number : ~~7297~~ ~~7298~~

Location Caught: ~~Palaau, Molokai~~ _____

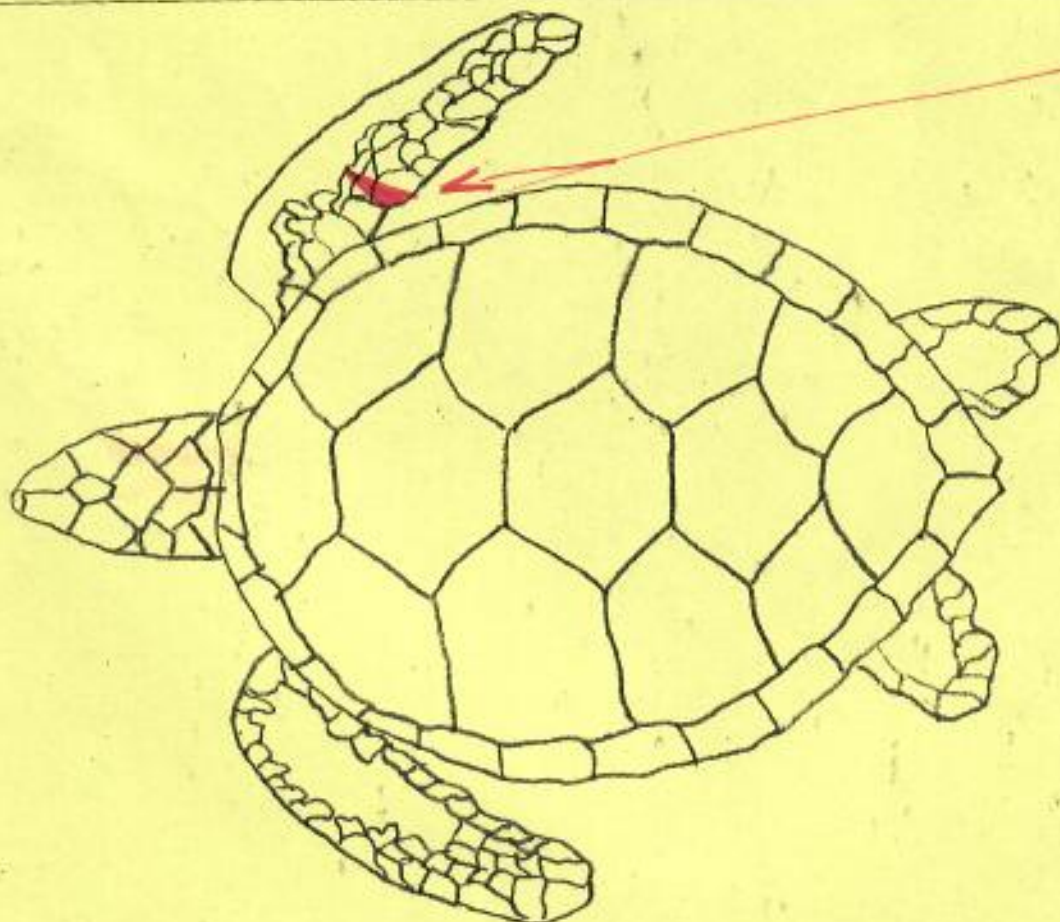
Location Released: ~~Same as Above~~ _____

Curved Length: ~~45.0 (36.5)~~ ← straight measurement

Curved Width: ~~42.0 (33.0)~~ ← straight measurement

Comments: _____

_____ **right front flipper torn between 2nd and 3rd scale.** _____



***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: ~~Dec. 17, 1983~~
left f/f right f/f

Tag Number : ~~7285~~ ~~7286~~

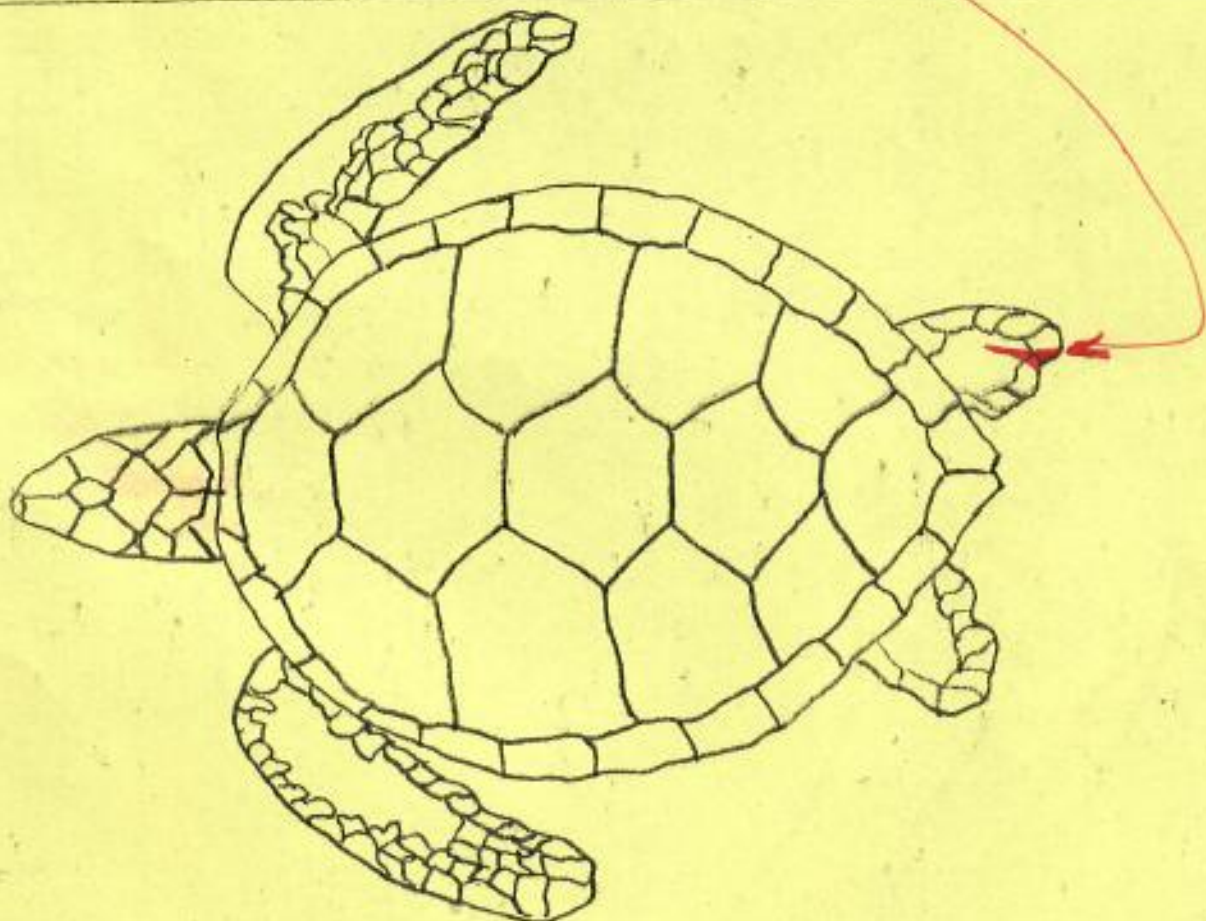
Location Caught: ~~Kanukuawa Fishpond, Molokai~~

Location Released: ~~As above~~

Curved Length: ~~53.0 cm (49.0 = straight measurement)~~

Curved Width: ~~46.5 cm (41.5 = straight measurement)~~

Comments: ~~Right rear flipper torn.~~



* * * * * TURTLES TAGGED ON MOLOKAI * * * * *

Date Tagged: Nov. 17, 1983

KWB

Location Caught: Outside Kakaia Fishpond (1 mile)

Method of Capture: Nets

109-

Number	Curved Length (cm)	Curved Length ^{width} (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<u>1</u>	<u>56.5</u>	<u>49.0</u>	<u>7281</u>	<u>7282</u>
	<u>52.0</u>	<u>43.0</u>		
	<u>straight measurements</u>			

110-

<u>2</u>	<u>48.0</u>	<u>45.0</u>	<u>7283</u>	<u>7284</u>
	<u>44.5</u>	<u>38.0</u>		
	<u>straight measurements</u>			

11/17/83
2 days
105 total (1)
JM

Remarks: Number of turtles tagged to date: 105
Number of recoveries to date: 6

November 4, 1983

George,

Here's one more turtle tagging for your records. Ed had three more in the nets but let them go.

We had a very interesting public meeting here on Oct. 27th. It was convened by (Maui County) Molokai Community Action Agency and had as guest speaker Mr. Noah Pekelo of DOCARE. He was invited to speak specifically on the recent restriction of "bullpen" netting. At the meeting several bullpen operators spoke up and questioned the merits of this ban. Pekelo made some very interesting and surprising revelations:

1. DOCARE will not enforce Act 87 because they are waiting for DLNR to promulgate rules and regulations re bullpen trapping; and then only after three years have lapsed; (Pekelo misinterpreted 188-29 (b) which refers to the escape devices soon to be required on all types of traps. DAR is supposed to come up with escape device requirements for traps and then all trappers will have a three year grace period to comply.) Pekelo told the audience that DOCARE cannot enforce the law because they are still waiting for DLNR, and since DLNR have not done their job it was permissible for bullpen operators to continue their operations! (At this point Ed Mederios who was sitting in front of me leaned back and said to me that "...Noah was in right field", indicating that he knew Noah made a mistake.) Ed then asked Noah point plank if he could go fishing with his bullpen nets and Noah answered affirmative in front of the entire audience.
2. After the meeting, Noah confided in me that the Maui prosecutor recently dismissed a charge against several fishermen who were cited for violation of Act 87. These fishermen went to Maui (they're from Waianae, Oahu) and set up an underwater trap with guides and then chased the fish into it using scuba tanks. DOCARE Maui busted them. They returned back to Oahu and solicited the help of House Speaker Henry Peters. As a consequence, the Maui prosecutor dismissed the charges "in the interest of justice" because of the alleged confusion of the Act. Noah told me that since a precedent had been set, DOCARE would be wasting their time enforcing additional violations of the same Act. The end result being the bullpen netters can continue their operations unmolested.
3. Pekelo also confided that he strongly feels Act 87 will be repealed at the next legislative session because of the furor it has caused on both Oahu and Maui as well as Molokai.

Now that Ed's back in operation, he asked me to see if you could generate some money for his part in the tagging of turtles here on Molokai. I guess to show that he meant business, he left a turtle in the boat and gave me a call to come over. What do you think?

Bill

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: Nov. 1, 1983
left f/f right f/f
Tag Number : 7277 7278

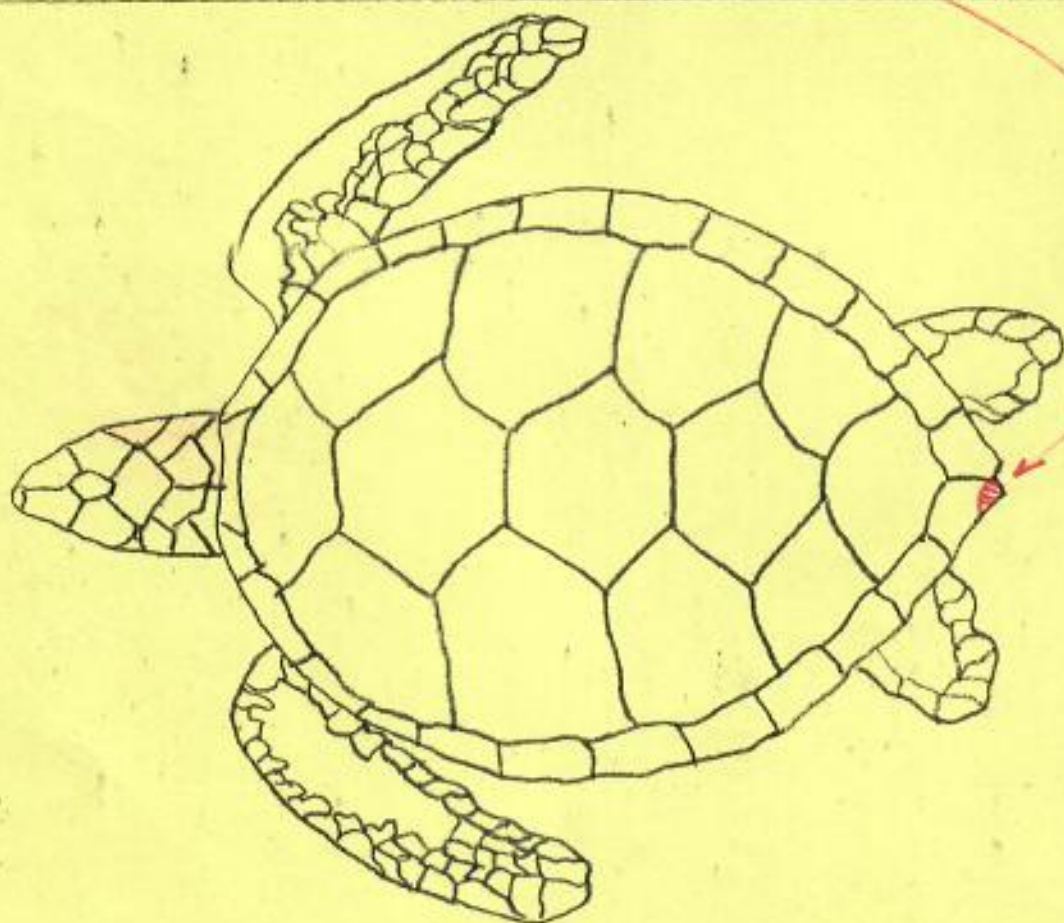
Location Caught: Palaau, Molokai

Location Released: Kaunakakai Dock

Curved Length: 76.0 cm Straight Length: 70.0 cm

Curved Width: 69.0 cm Straight Width: 56.0 cm

Comments: _____
_____ Shell chipped at rear. _____



October 25, 1983

George,

Thanks for the articles you sent. Glad you received the recent batch of turtle sighting reports.

I got back to Sam Luuloa and he told me he did not actually see the shark swallow the turtle but only that it had it in its mouth. The shark (tiger) was larger than the boat he was in which was 22'. It broke surface about 15-20 feet away so he got an excellent view and swears the turtle was about 45 to 50 inches in length. The shark actually came out of the water with the turtle in its jaws and then splashed back in and disappeared into the depth. It was holding the turtle between the front right flipper and the head. He distinctly remembers the ~~shark~~ being a little "greenish" in color. Sam was out with a couple of other guys turtle hunting. They were going to a well defined turtle "house" and were planning to gaff a few when the incident happened. Needless to say, they suspended their plans for the day after they saw the shark.

In regards to Ed Mederios' netting rays...yes, of course! Both sting-rays and eagle rays are commonly trapped within the confines of the bag and ~~hauled~~ bagged along with the other fish. If the rays are very large (usually the eagles, Aetobatus narinari), they are dispatched with the power head just before the killing bag is hauled off and hauled on board. Smaller rays are bagged along with the other fish and thrown overboard after pulling the killing bag in. Expect for the trauma, the smaller rays don't appear to be hurt too badly. We wrap our hands around the tails and carefully toss them over. The larger ones of course don't see the beginning of another day.

On another line, Ed told me that he is still netting fish to make a living. However, he admitted that his net configuration is not exactly kosher...his bag section still can be construed to be a "receptable" if examined by DOCARE. He said he was going to keep fishing until he is caught and convicted. Touchy situation.

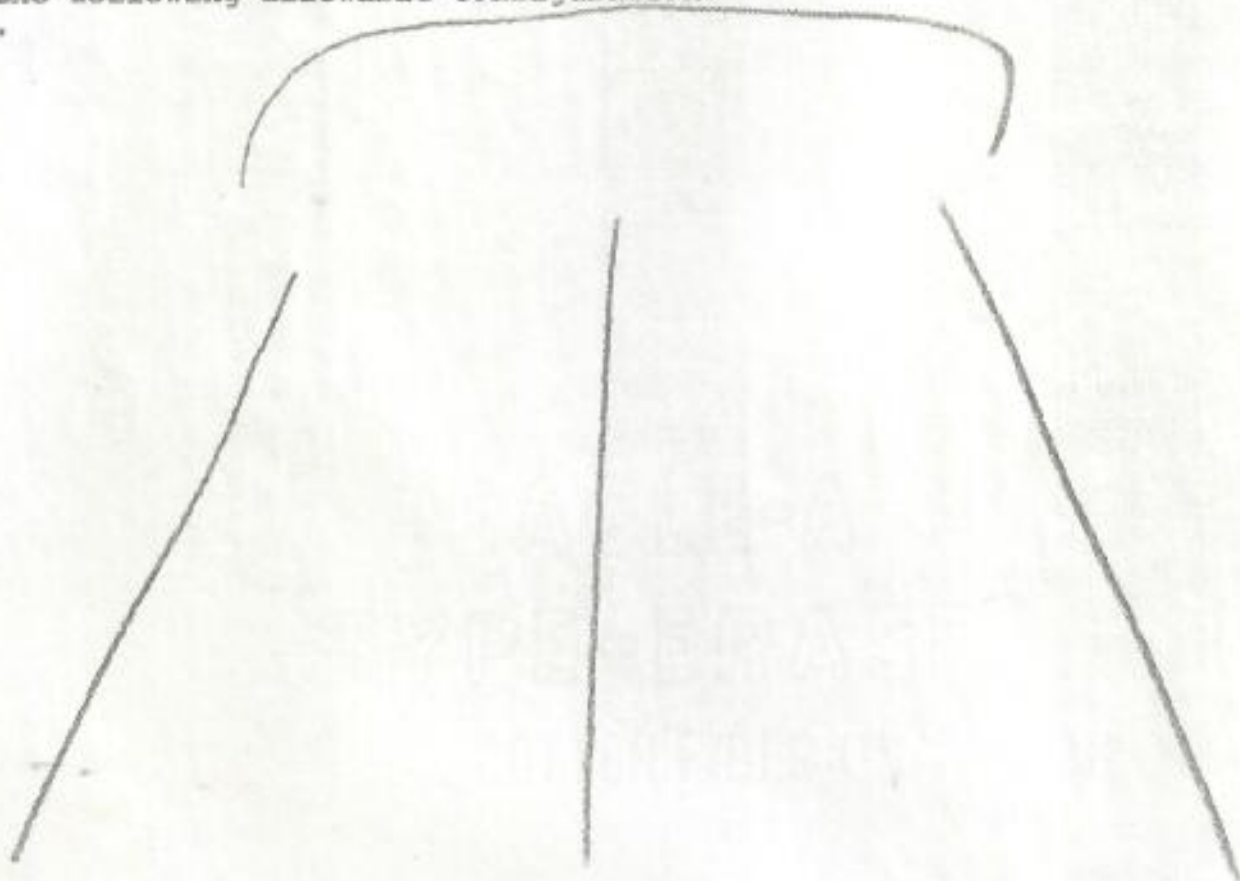
In regards to you catching and tagging turtles in Palaaau, why don't you pay Ed to set up his nets in the regular "bullpen" fashion with the understanding that all you're after are the turtles. It sure would be easier for you and also an absolute guarantee for turtles. I suppose if you did it under the guise of "research", and cleared it first with Molokai's DOCARE, it can be possible. Much better than hauling your nets over and sitting overnight on some lonely mosquito infested beach.

Aloha,

Sept. 26, 1983

George,

Mederios and Mollena had a meeting of the minds and came up with the following allowable configuration:



Don't know if this design will prove productive or if Ed will adhere to ~~th~~. I'd be very interested to see if it works. Also very interested to see if turtles can be ~~corra~~ with this set up. I hope to get in a few trips with Ed soon. ~~corra~~

I don't see any "receptacles", do You?

Bill

August 4, 1983

George,

Glad to see you're back in one piece from Costa Rica. Must have been fun. I understand that Costa Rica is very conservation minded and have accomplished a lot in that respect.

I finally got a reply from my sources in the Marshalls re turtles, seals, etc. Earlier you had sent me an article/written comments concerning the alleged appearance of a seal at Maloelap Atoll and I wrote to someone in the Marshalls to confirm it. Well, from very reliable sources I learned that a seal did indeed come up on a beach at Maloelap. Furthermore, two additional sightings were reported. In 1963 another seal showed up at Wotje Atoll but was not harmed. It apparently stayed around for a while and then swam away. 15 years later in 1978 another seal appeared again at Wotje but this time the natives killed it but did not eat it. In my travels throughout the Marshalls I did not see any seals, nor do I remember hearing any stories about them being there. However, the guy I got the Wotje story from is very reliable and furthermore is from Wotje so I have no reason to doubt him. On the other hand, I've been to the far reaches of the Marshalls archipelago and did not see any seals first hand. At the remote atolls of Bikar and Bokar who humans very seldom visit, one would expect to them if they are around. Maybe they are there but ~~Benatusbask~~ on the beaches like they do here in Hawaii with the turtles. What do you think.

Some other info you might like to know...hawksbill (called jabake in Marshallese) have been known to nest in the Marshalls. Eight atolls have been identified as nesting grounds for jabake and they are: (1) Bikar; (2) Bokar; (3) Wotje; (4) Jemo; (5) Erikup; (6) Wotto; (7) Alinginae; and (8) Rongdrik. They apparently don't come up on beaches in hords during certain choice nesting periods as do the green sea turtles. Another kind of turtle described to me was wunatol which from the description appears to be the leatherback turtle. They apparently have been seen by Marshallese but it is not known if they nest anywhere in the archipelago.

Some time ago you asked if any turtles were sampled by the DOE in the Marshalls relative to radiation aftermath. I wrote but have yet to receive a reply. But I do have someone chasing it down. I'll let you know as soon as I get word.

In regards to "Vikai" islet in Enewetak, it cannot be confirmed. My informant met with several people from Enewetak but could not come up with anything. I wrote back and told him to go see Johannes himself. The people from Enewetak mentioned that no turtles were seen there since 1970. I'm not sure this is because there is a scarcity of turtles or if it is because they haven't been on the island long enough to notice them.

I did get the additional tags you sent. Ed and Diane have been fishing at Palaau and have bagged many turtles but simply let them go. It is very tempting to go with them one day...but I don't know considering the apparent no-no of the bullpen technique.

All for now. I'll get back to you as things develop.

P.S. Did I tell you that Mickey (our son) is spending the summer in

July 8, 1983

George,

Four more ^{yesterday} ~~today~~. Diane told me this morning (8th) that there was one more small one in the nets today but ^{Ed.} tossed him over. He had planned to drive the boat back to Kaunakakai and did not want the turtle in the vessel.

In regards to ^{measuring} ~~measuring~~ and reporting finer than $\frac{1}{2}$ cm, I find that a little disconcerting. I'm not all that comfortable with my measuring technique. A little bit this way and a little bit ~~that~~ way and it's already a difference of $\frac{1}{2}$ cm. You know what I mean. Furthermore, upon recovery who's to say that the second measurement will be exactly over the same two points originally measured? As it is, the $\frac{1}{2}$ cm recording now can be considered questionable. What's the sense of being precise if you're not accurate?

With the four tagged yesterday, I'm now down to only three (3) tags. I hope you've got more in the mail.

Yokwe,

P.S. Totals to date: 99 tagged
6 recoveries

1
should be
5 recoveries

(BE) 10/18/93

GEORGE R. ARIYOSHI
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF FISH AND GAME
1151 PUNCHBOWL STREET
HONOLULU, HAWAII 96813

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LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

July 5, 1983

George,

Some more tagged turtles. Diane calls me and I go to their boat to tag whatever they have in there. Because of the situation, I have stop going along with them during their operations.

Sorry to hear about the paucity of nesting turtles at FPS. May be a blessing in disguise considering the recent hearings re opening of taking for "subsistence".

Don't know when I'll be coming to Honolulu. Maybe towards the end of August to meet Mickey as he returns from Majuro. Will keep you informed.

Ridley news very interesting. Probably more of them out there than we originally thought.

I'm down to eleven (11) tags. I think you should send more ASAP as Mederios is on island and apparently will continue netting.

All for now.

Yokwe,

P.S. Please note new P.O. Box number!

ATTACHED SHEET #1

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: June 30, 1983
left f/f right f/f

Tag Number : 6626 6627

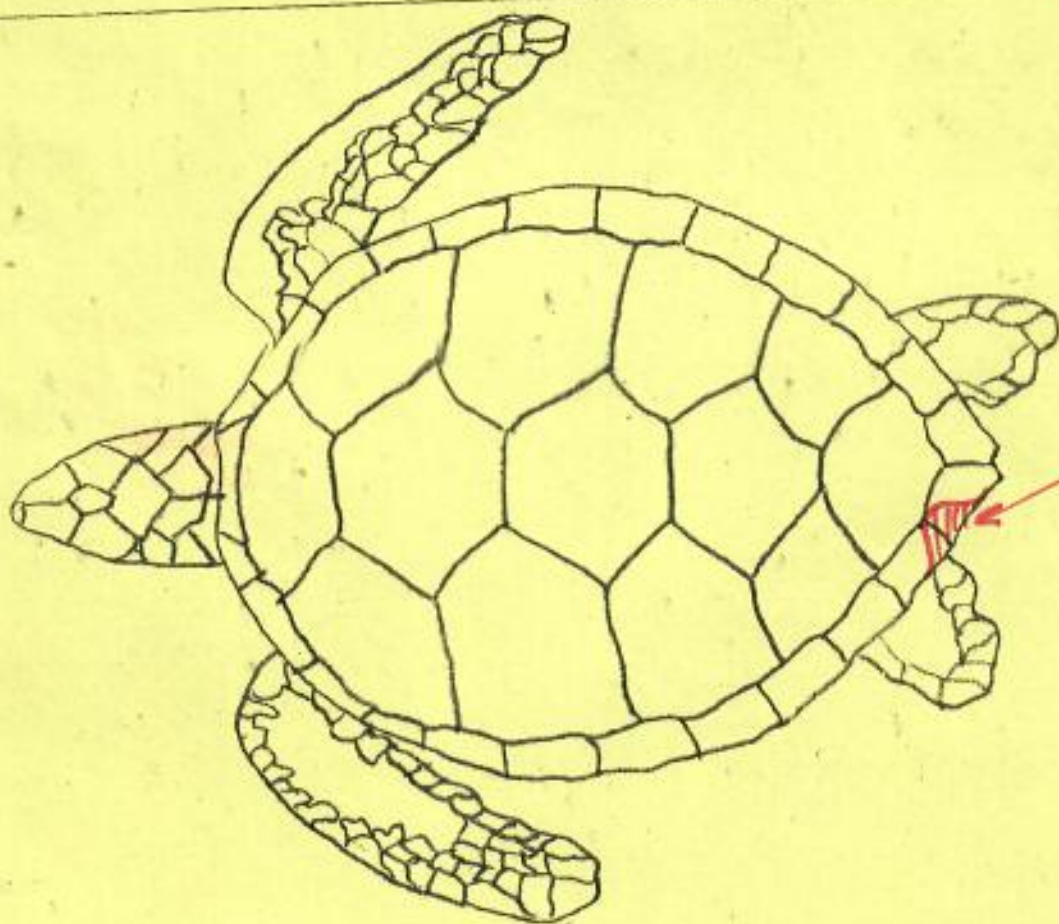
Location Caught: Kawela, Outside Kakaia Fishpond

Location Released: Same as above

~~Curved~~ Straight Length: 63.0 cm

~~Curved~~ Straight Width: 48.5 cm

Comments: Notch on left rear of shell



***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: May 6, 1983

Location Caught: Outside Kanukuawa Fishpond

Method of Capture: Medeiros' Nets

Kawela "D"

Number	<u>Straight</u> Curved Length	<u>Straight</u> Curved Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<i>86</i> -1	61	50	6609/6612	6613
<i>87</i> -2	43.5	37	6614	6615
<i>88</i> -3*	56.5	44.5	6616	6617
<i>89</i> -4	41	33	6618	6619

****RECOVERY****RECOVERY****RECOVERY****RECOVERY****RECOVERY****

<i>90</i> -5	72	55.5	6584	6585
	<i>77.0</i>	<i>67.0</i>		
	<i>curved measurements</i>			

This animal was originally tagged on Jan. 25, 1983
and caught in the same general area.

5/6/83
4 days
85 total
5 recovery

Remarks: *Barnacles were found on this animal and were knocked off.

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FORESTRY
LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

May 2, 1983

To : Paul Kawamoto
Thru : Alvin Katekaru
From : Bill Puleloa
Subj : Turtle Data

Enclosed find raw turtle data you requested telecon 4/29.

In Sum:

turtles tagged.....81
turtles recovered.....5
period from 5/19/82 to 4/20/83

3 - should be 4!!

(P) 10/18/90

May 2, 1983

George,

Finally got to use calipers. Enclosed data for two additional turtles, and one recovery.

Regarding turtle number two, left rear flipper missing. Congenital defect. Stump is scaled on the end.

Mederios definitely will be terminating his "bullpen" fishing. DOCARE did a research on past records to see if anyone had ever been busted for "bullpen" violations under current statutes. Discovered that in 1950, game warden here on Molokai did arrest a man for using a bullpen setup. Court at that time got/secured an opinion as to the definition of "trap" and charged fisherman for violation of "trap" dimensions, i.e. bullpen was considered a trap and therefore it must comply to trap requirements. The fisherman was finally convicted in 1955.

DOCARE on Molokai was asked to enforced "trap" regulations and Mollena contacted Mederios to explain the situation. Mederios agreed to suspend "bullpen" and said he will be fishing with another method. May be the end of our goldmine.

Got your note re turtle subsistence public hearing. I plan to attend. Am considering getting off a note to Allan Ford.

***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: April 20, 1983

*KAWELA
"F"*

Location Caught: Between Pahomu and Kamahuehue Fishponds

Method of Capture: E. Mederios' Nets

<u>Number</u>	<u>Straight Length</u>	<u>Straight Width Curved Length (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<i>83-</i> 1	54	43.5	6607	6608
<i>84-</i> 2*	56.5	47	6609	6611
<i>85</i> 3**	45.5	37	6427	6426
	48.5	43		

"curved" measurements on this day

*4/20/83
2 days
81 total (1)
4 recovery*

Remarks: 2*) See Attached Sheet Number. 1

3**) Recovery from May 19, 1982, same area!

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: April 20, 1983 Attached Sheet #1

Tag Number : left f/f right f/f
6609 6611

Location Caught: Between Pahouu & Kamahuehue Fishponds

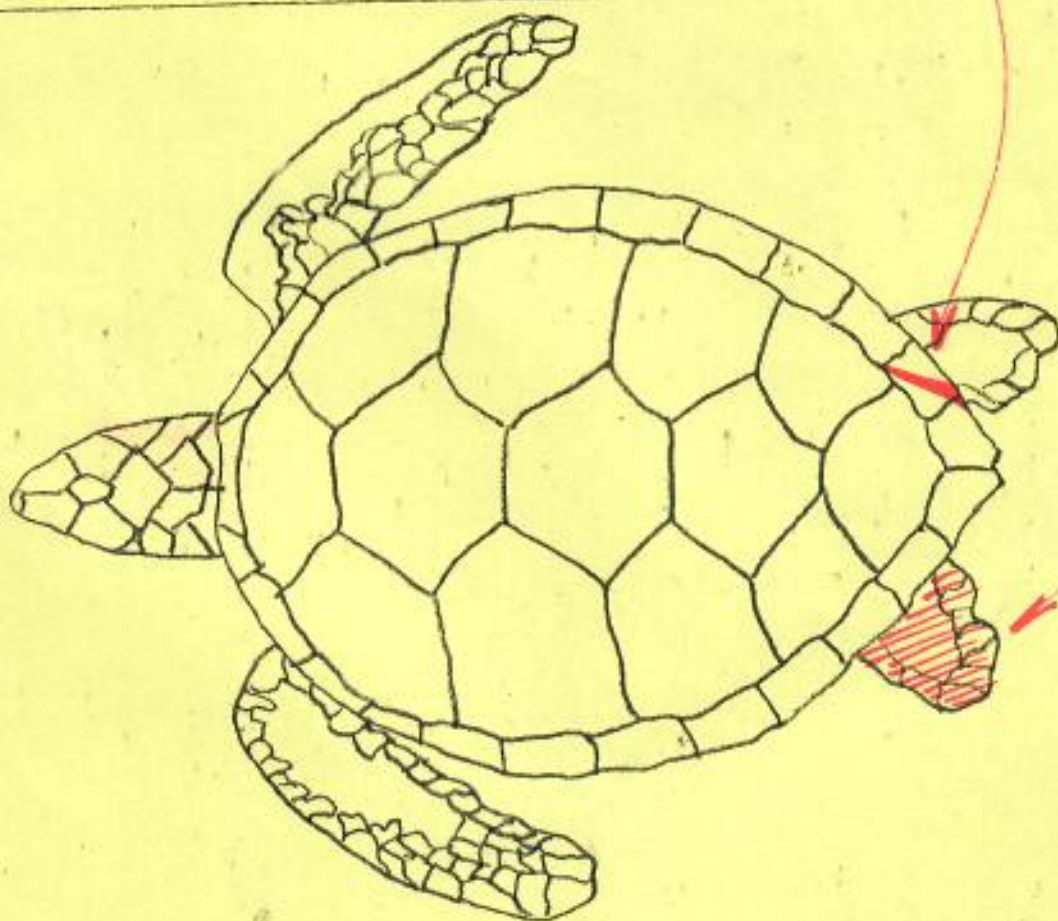
Location Released: Same as above

~~Curved~~ Length: 56.5 ← "straight" measurements

~~Curved~~ Width: 47 ←

Comments: (1) Left rear flipper missing. Only stub. Congenital defect.

(2) Cut on shell on right rear portion.



March 4, 1983

George,

Too bad about our trip to Bikar. Yes, by all means let's try and plan for next summer. Just as well...I got a phone call via the new satellite hook up in the Marshalls and learned that the government did not purchase one of the San Diego trollers. We would have had to secure another means to going to Bikar. Maybe next year the Maritime Authority will have their patrol boat. Better yet.

Mederios just left for the mainland yesterday. He has gone back to California to work in a machine shop to make a few bucks. Said he will be back in 3-4 weeks and then fish 3-4 weeks and then go back to the States, work 3-4 weeks, come back for 3-4 weeks, and so on. ~~ad.iffi~~ turtle tagging project is now held in abeyance. I don't think you will have a chance to catch him on Molokai during your vacation ~~until~~ you reschedule for the ending of this month. His nets are drying on the racks.

I just bought a small Boston Whaler. Bring over your dive gear (and your gold set) and maybe we can go chase some turtles down. I have to go into the Waikane area to check out a FAD that drifted in ~~some~~ God knows where and I'll hold off on it until you arrive if you want. I'll need the company anyway.

Don't recall ever hearing about anyone seeing seals in the Marshalls. I know a few guys from Maloalap and I'll check into it. Very interesting.

I've heard about Walter Witte's proposed project in the Keawanu'e area on Molokai. Wants to bring about a "native style" living. We've waved to each other passing on the road but have yet to sit down and talk. I'll remember your connection if he and I ever get into a discussion.

Markrich has not been around yet. I'd be very interested in reading what he says about the "turtle controversy". I'll let you know if he touches base with ~~me~~ I haven't heard from Don Heacock for quite a while. I do know that SUS Ono loaned his services out to the Disaster Relief program. Don't know if that is all pay yet. I'll give him a call soon.

Do me a favor, will you? Check with you contact at the Waikiki Aquarium and see if they're willing to buy fresh, live opae to feed their animals. Also see what kind of price they are willing to pay. If it's feasible may be able to work something out and make a few bucks on the side. Just a thought. (Times are hard! Electricity cost is killing me. My kids have a bad habit too...they like to eat everyday!) Besides the Aquarium, maybe Sea Life Park would be interested in a steady supply of live opae. What do you think?

Aloha,

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: Feb. 26, 1983

left f/f right f/f

Tag Number : 6603 6604

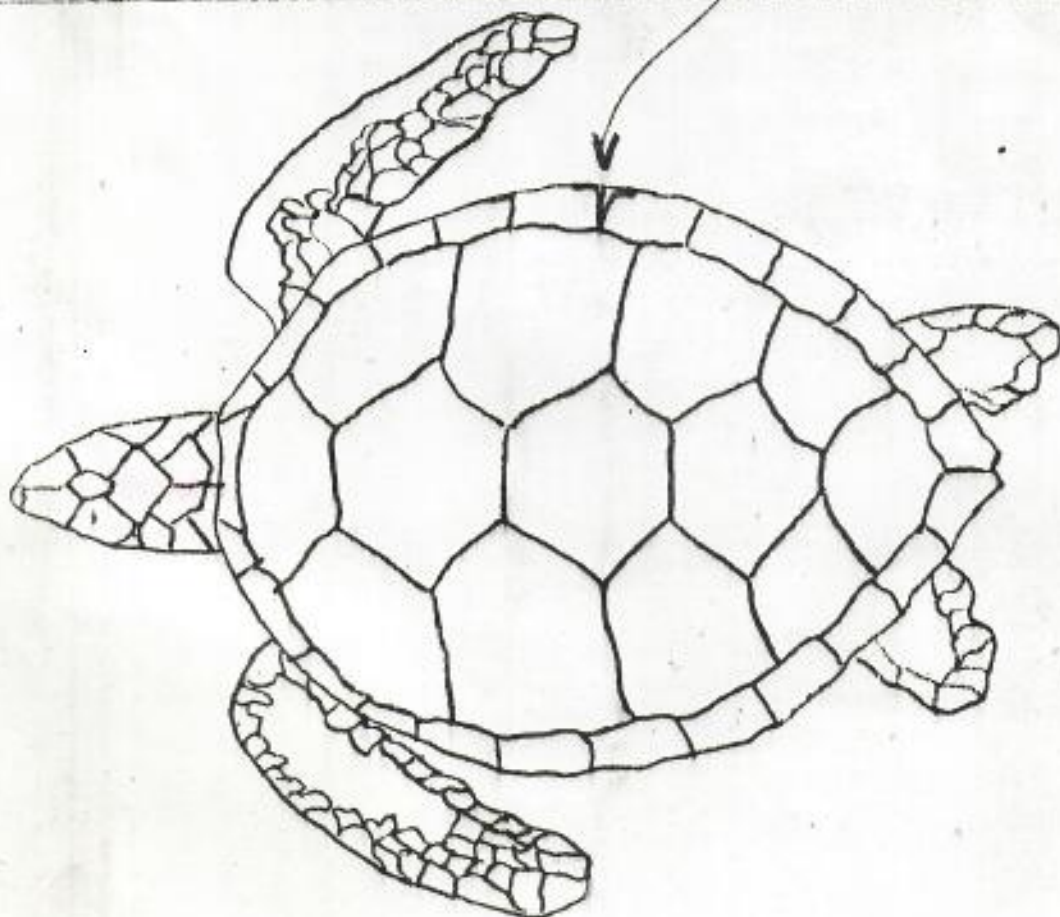
Location Caught: Outside Panahaha Fishpond

Location Released: Same above

Curved Length: 77 cm

Curved Width: 71 cm

Comments: Notch on right side of shell



***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: Feb. 8, 1983

left f/f right f/f

Tag Number : 6601 6602

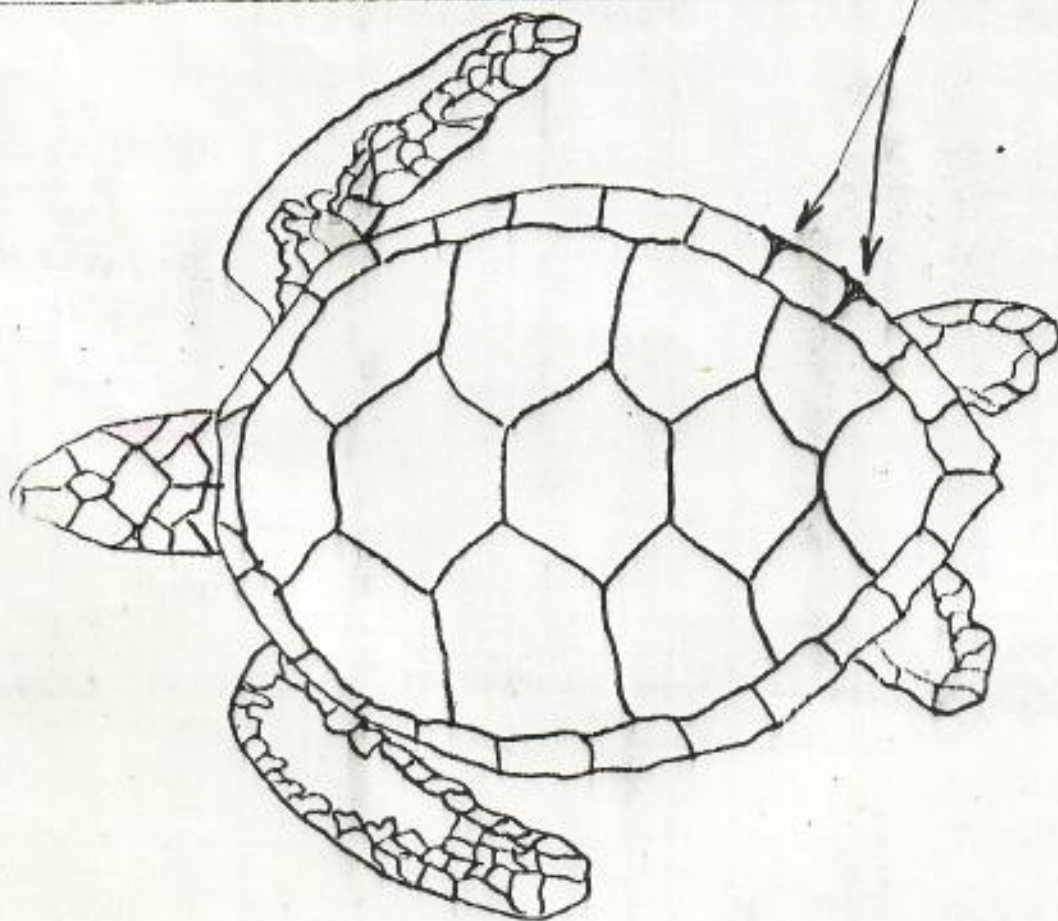
Location Caught: Between Puhaloa & Ualapue Fishponds

Location Released: Same as Above

Curved Length: 75½

Curved Width: 70

Comments: Two cuts on right side of body.
(Completely healed over.)



Feb. 3, 1983

George,

In regards to your letter of 1/31/83, I'll try to answer your concerns one at a time.

1. There is no reliable source (chiefs included) that can give you a definitive answer as to when the highest occurrence of turtle nesting takes place on Bikar. Bikar is so far out of the way that it had very little human contact. I had a guy (Reynold) working for me that passed this on: 40-50 years ago one of the DeBrums from Likiep atoll own a 80' sail/motor launch and made 5-6 trips to Bikar from Likiep. The trips always coincided with the summer months for obvious reasons... calm waters. Reynold (who is a de Brum also) as a young boy remembers clearly one occasion when a multitude of turtles swarmed the beach on Bikar to lay their eggs...so much so that many previously laid eggs were destroyed by the mad scramble of nest digging by incoming turtles. Apparently this is not as uncommon as one might think because the Marshallese have a singular term for this event. I believe it also happens in other places such as Jemo, Erikup, maybe Taka and even remote islets of inhabited atolls. In any case, most if not all the turtle expeditions in the past were conducted during the summer months. As a result, the only kind of answer for the highest occurrence of turtle nesting you will get will be the "summer time" or "calm season". As an aside, the President recently made a trip to Bikar this past summer and returned with some turtles. Prior to that, I led the last expedition to Bikar in Sept. 3, 1978 and prior to that it was unvisited for at least 10-15 years (except for any unknown and unauthorized visits by Japanese fishing vessels). In Sum, the summer months would be our best bet to go to Bikar. The weather is mild and we know turtles have nested there at this time. I can assure you that I personally saw 15-30 turtles coming up on the beach to lay eggs on the night of Sept. 3, 1987. We only stayed there for one night before departing to Toangi Atoll...which is even more remote.

2. Cost of vessel: I was personally assured by the ^{rank crew} Secretary of Foreign Affairs, Tony de Brum, that a government vessel will be available at our disposal. The Marshall Islands Maritime Authority also falls under the direction of Tony. Charles Domnick, the Minister of Finance, volunteered to obtain the necessary permission from the local chiefs. Advance work in both these areas have already begun. All that is left for us to get is permission from the Central Government which will be handled through the Minister of Resources and Development, Kessai Note. Charles and Tony have already made Kessai aware of our desires. I see no problems there. As to the cost of the vessel, all we have to provide is fuel for the vessel and food for us and the crew. I can't imagine the cost for fuel and food to be more than \$3,000.00 U.S.

3. The run from Majuro to Bikar should include a minimum of two stops both way in my opinion. If so round trip will be about 5 days. Since the boat will be at our disposal, we can take any course we want and choose whichever atolls and as many stops we want to make. I would suggest Erikup, Jemo, and Utrik at the east. We can tag turtles on all of these atolls also. If time is going to be a problem, you (& I)

can fly from Majuro to Utrik on the Government's Nomad and rendezvous with the boat there for the last leg to Bikar. That will cost about US\$150.00 more per person.

In sum, I think we can get away with US\$5,000.00:

- 1. round trip Hono/Majuro for two.....\$1,000
 - 2. fuel & food for vessel trip.....3,000
 - 3. Misc., Hotel in Majuro, car, meals,
etc....1,000
- \$5,000

If you pick the amount of time you want to spend on Bikar, we can schedule your time commitment much easier. If for instance, you want to spend only a week on Bikar, we can arrange for you be away from Honolulu for about 10-11 days. You fly into Majuro and then fly directly up to Utrik and the vessel can be there to meet you...and vice versa. I should depart Honolulu at least one week prior to you to assure that everything is lined up...unless you want to spend an extra week in Majuro. I figure August would be our best bet...guaranteed calm weather by then.

TENTATIVELY

We will be using a former San Diego troller which used to fish for albacore at Midway. We'll probably have a crew of three Marshallese. We're bringing our own ACE mechanic along with us from Molokai. A real nice guy by the name of Tommy Matayoshi who is a crakerjack mechanic and an avid diver and fisherman wants to go with us. He's paying his own way. We're lucky to have him along. You never can tell! I also want to bring my son Mickey. I'll pay his way.

It will be a very good trip...actually maybe once in a lifetime kind. GEORGE, I GUARANTEE YOU'LL TAG TURTLES IN THE MARSHALLS!!! Rose gotta be nothing compared to the northern atolls of the Marshalls. You'll see and do things very few Westerners get to do. This trip has the PULELOA SEAL OF APPROVAL!! Don't chicken out now. Pick the amount of times and days you want to spend there and let me know as soon as possible so I can start firming up things.

In regards to your 59 Chevy, I (and Tom Matayoshi) can't remember off hand seeing one around, but we'll keep our eyes opened now that we know you're looking for one. Body parts or engine parts? What kind you need? Tommy says some of the 1960 body parts are interchangeable with the 59 Batman Car. Tommy works for DOWALD and is in the field most of the time. He'll keep his eyes open as he is always in the Hawaiian homestead areas...you know these Hawaiians, they buy the cars, run them until they die, and park them on their homesteads. I'm optimistic.

Mederios did not go out this week.

Aloha,

***** TURTLES TAGGED ON MOLOKAI *****

KAWELA "E"

Date Tagged: January 28, 1983

Location Caught: Mouth of Kamalo River, between Kamahuehue Fishpond and Kamalo Harbor

Method of Capture: Mederios' nets

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Length (cm)</u>	<u>Width (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
78-1	81	71		6597	6598
79-2*	39	37		6599	6600

* See Attached Sheet #1

4/28/83
 2 day
 76 total (1)
 30 recovery

Remarks: Turtle number 1 had a few barnacles which were removed.

ATTACHED SHEET #1

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: Jan. 28, 1983

Tag Number : left f/f right f/f
6599 6600

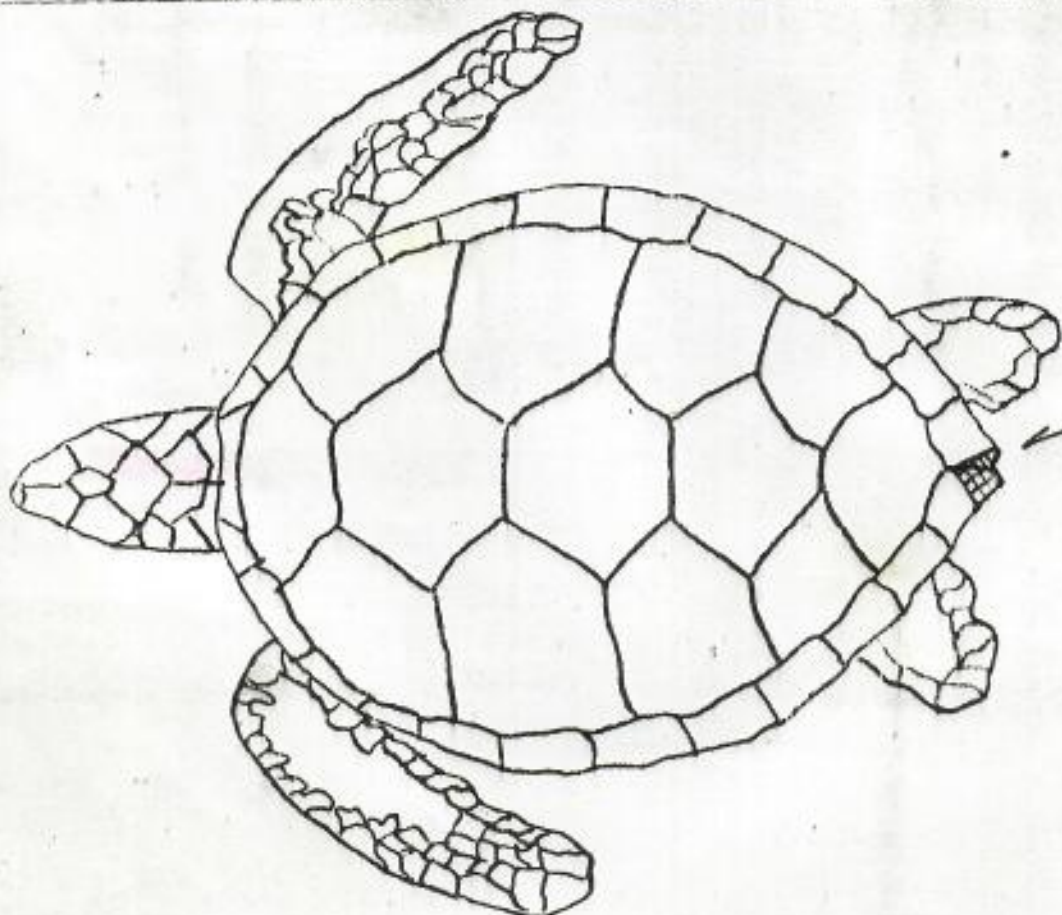
Location Caught: At mouth of Kamalo River, between Kamahuehue Fishpond and Kamalo Harbor.

Location Released: Same as above

Curved Length: 39 cm

Curved Width: 37 cm

Comments: Rear end of shell chipped off and forms a noticeable "V"



***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: Jan. 27, 1933

left f/f right f/f

Tag Number : 6593 6594

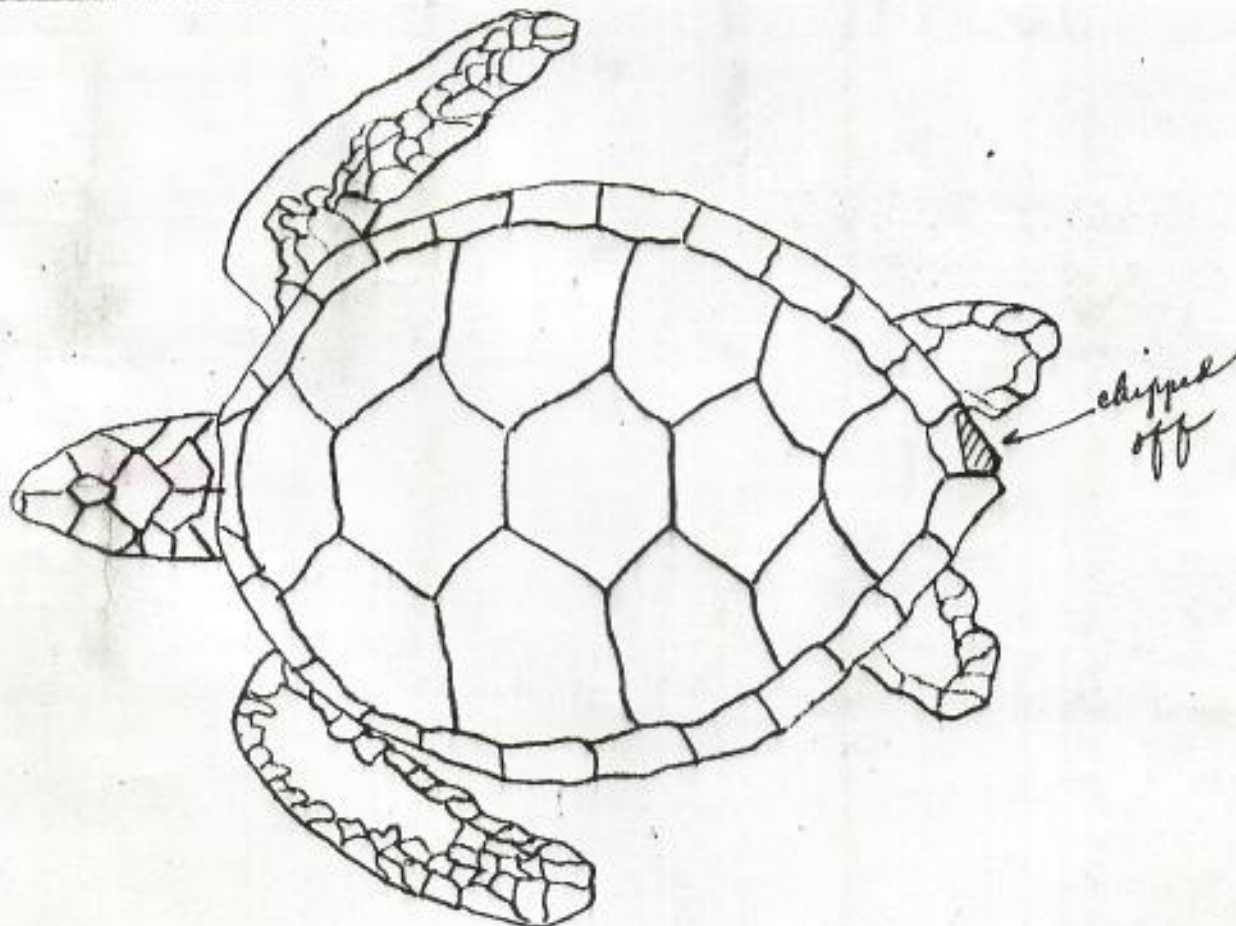
Location Caught: Mouth of Kamalo River, between Kamahuehue Fishpond
and Kamalo harbor

Location Released: Kamalo Harbor

Curved Length: 44 cm

Curved Width: 40.5 cm

Comments: Shell chipped just above tail.



ATTACHED SHEET #2

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: Jan. 27, 1983

Tag Number : left f/f right f/f
6595 6596

Location Caught: Mouth of Kamalo River, between Kamahuehue Fishpond and Kamalo Harbor

Location Released: Kamalo Harbor

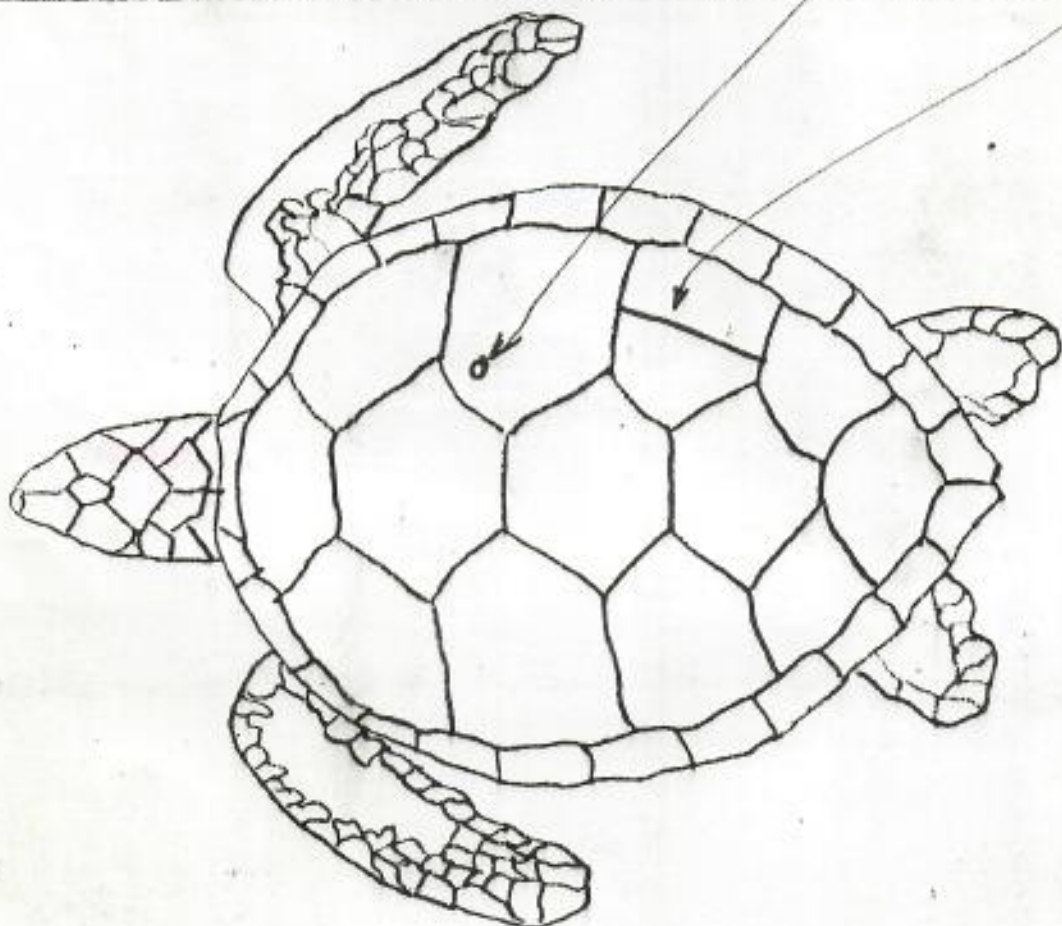
Curved Length: 86 cm

Curved Width: 78 cm

Comments: Deep scratch on ~~left~~ side of animal, 5.8 cm long.

Deep puncture hole on right side.

about .5cm diameter



***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: January 26, 1983

Location Caught: Kamalo, outside Kanukuawa Fishpond

Method of Capture: Mederios' Nets

→ "D" KWP

Number	Curved Length (cm)	Curved Width Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
71 1	66	58	6587	6588
72 2	39	36.5	6589	6590
73 3	48	41	6591	6592

RECOVERIES***RECOVERIES***RECOVERIES***RECOVERIES***RECOVERIES

74 4	70.5/78.5	71	6432*	6430/6435
75 5	48.5	43	6427	6426

→ tagged @ KWA

Animals 4 & 5 were tagged 8 months ago on 5/19/82 in just about the same area caught today. *On animal #4 another tag was attached to the left flipper. The first tag had worn a hole in the flipper and it appeared ready to fall off soon. The new additional tag is number 6586.

Animal #5 had barnacles on it which were knocked off prior to release.

Remarks:

1/26/83
3 day
72 total
3 recoveries

Jan. 20, 1983

George,

Enclosed data for last turtle tagged on Friday, 14th. Largest one so far. Female. Healthy and in good shape.

I also want to inform you of an anonymous return of two turtle tags from someone on Molokai. I got a phone call on Monday, 17th, asking for my address so the tags could be returned. All I could get out of the caller was that the turtle was "sick" and therefore disposed of and that it weighed about "300 lbs". The caller would not reveal his name and did not take any measurements. The tags are now in my custody. They are in good shape...no corrosion and only some white calcareous deposits. If you want them I'll send them to you.

The numbers are: 3188 and 3269

I would very much like to get some feedback from you in regards to this turtle, e.g. where tag, by whom, when, initial measurements, etc.

Untile then,

Bill
Bill

2 1/2 yrs ago
at
Whole Skale Island,
French Frigate
Shoals

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: Jan. 14, 1983

Tag Number : left f/f right f/f
6580 6581

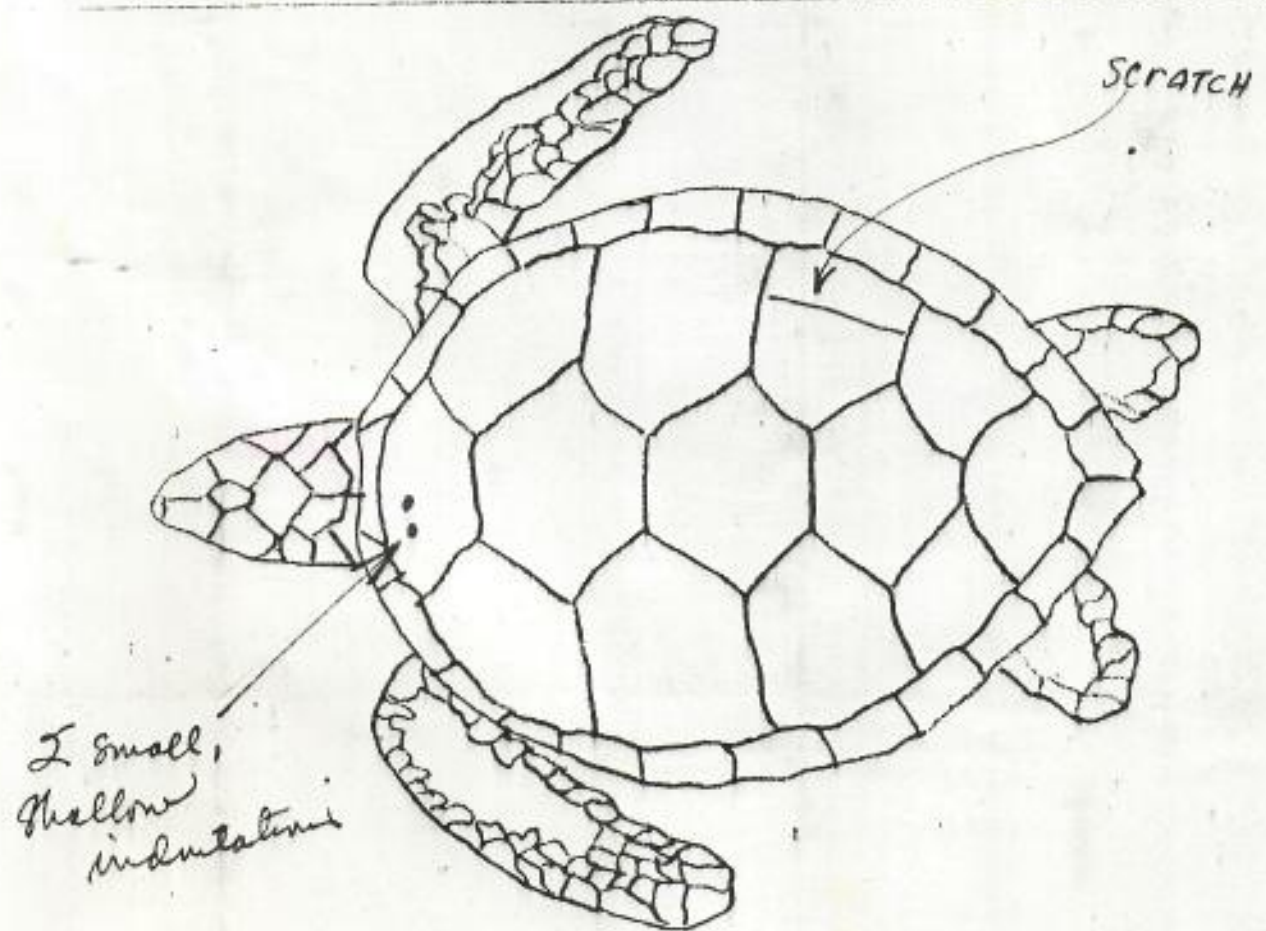
Location Caught: Kawela, outside Panahaha Fishpond

Location Released: same as above

Curved Length: 100 cm

Curved Width: 91 cm

Comments: Large, healthy, female. Long scratch on right side
of shell. Two shallow and small indentation of tope
next to neck.



Jan. 14, 1983

George,

Went out with Mederios on the 11th, 12th, and 13th of this month. Tagged all four turtles on the 11th. No turtles the next day. We moved the net about ~~one~~ ~~hundred~~ ~~yards~~ ~~stward~~ on the 12th. No turtles the next day, the 13th.

One of the turtles was the largest we've tagged so far. It took two of us to grab it and steer it to the boat and four of us to lift it aboard. Huge mother! (Actually it was huge father). Definitely male. If Rawlin's turtle weight \$10 lbs., this guy must have weighed approximately 350 lbs. Strangley enough, we also picked up the smallest turtle to date on the same day.

Mederios mentioned something about setting ~~up~~ ~~again~~ in the Palaau area maybe next week. Interested in coming over?

A couple of my Marshallese friends were in town (Honolulu) a couple of weeks ago. Everything's tentatively set for this summer for tagging turtles in the Marshalls. Boat and crew taken care of. All we gotta do is take care of the fuel and provisions. The government will take care of the rest...including obtaining permission ~~from~~ the traditional chiefs (iroij & albb)*. All that is left to do is to dash off a letter of request and description of what we hope to do to the Minister of Resources & Development. I write something and send it to you for comments before sending it. Which letterhead are we using...Feds, State, your source of funding?

Noticed that the purchase order sent to Mederios was dated 11/15/82. Does that mean that it is good until 2/15/83? or can we run from 12/1/82 to 1/28/83? In any case, we've only tagged four turtles so far, none during Feb. or Dec. Does he submit voucher for payment after 2/15/83 for all turtles tagged within guidelines set?

Bill

Bill

ATTACHED SHEET #1

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: Jan. 11, 1983

Tag Number : left f/f 6574 right f/f 6575

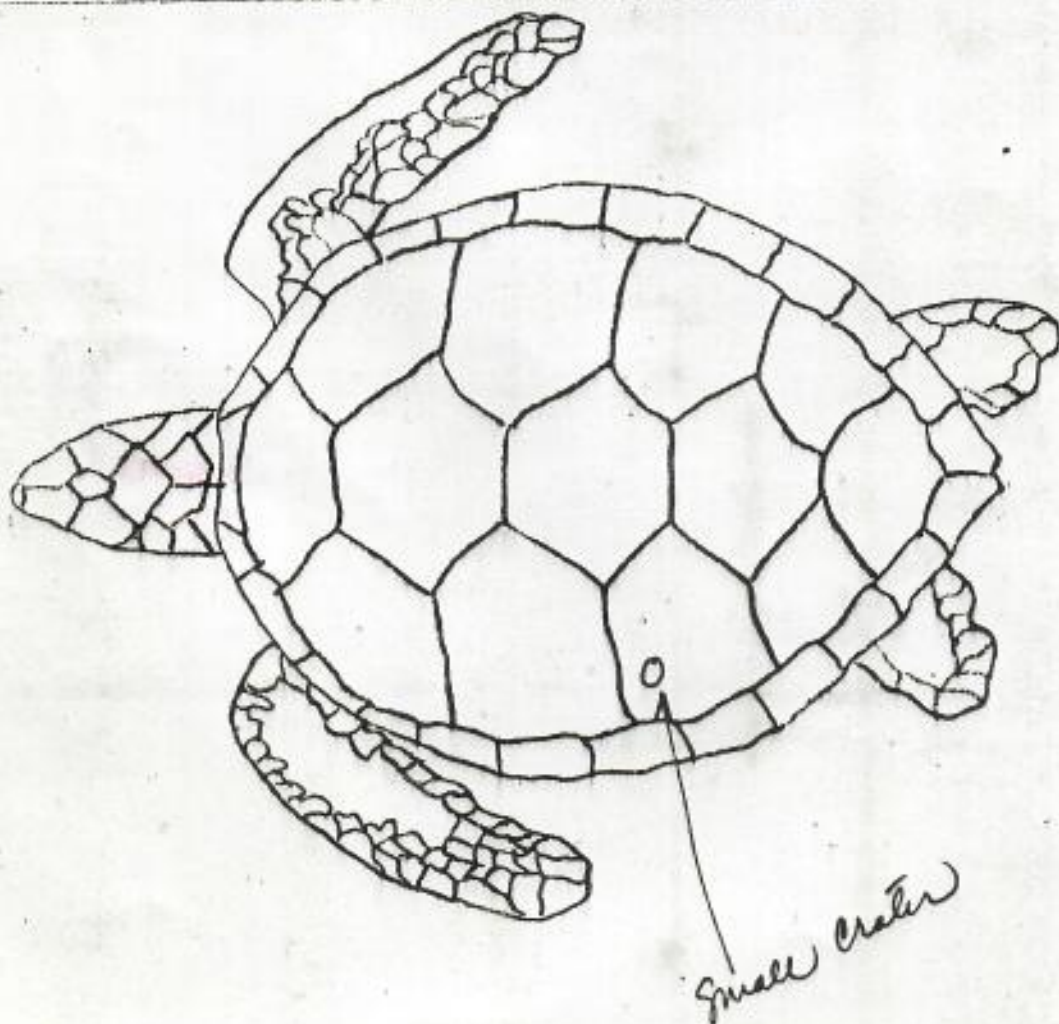
Location Caught: Kawela, Molokai

Location Released: Kawela, Molokai

Curved Length: 92.5 cm

Curved Width: 88.5 cm

Comments: small pit/crater (possibly old spear wound) on left side of body. Completely healed over. Male.



ATTACHED SHEET #2

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: Jan. 11, 1983
left f/f right f/f

Tag Number : 6578 6579

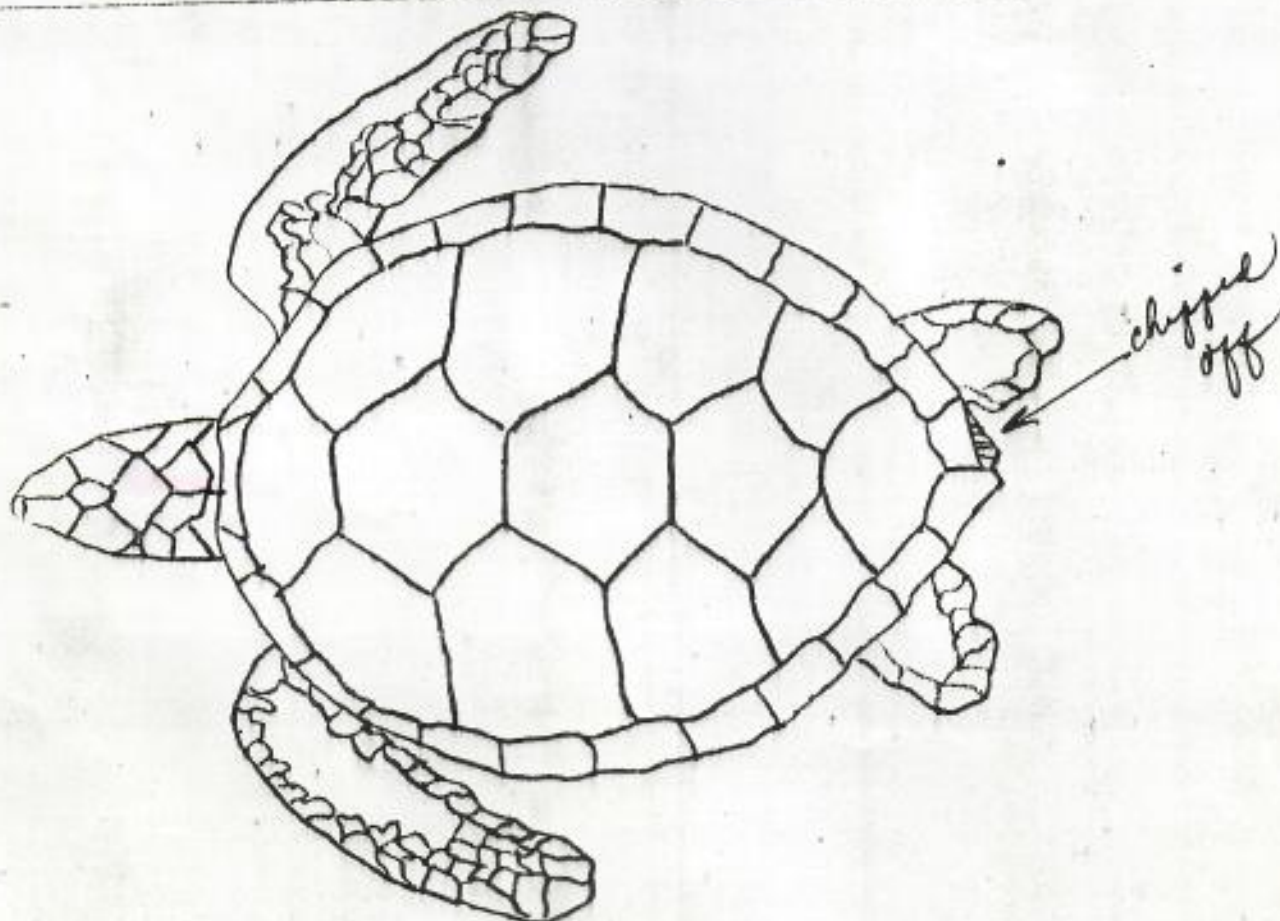
Location Caught: Kawela, Molokai

Location Released: Kawela, Molokai

Curved Length: 83.5 cm

Curved Width: 72 cm

Comments: Shell right above tail chipped on right side.



Dec. 10, 1982

George,

I just got back from going out with Ed Mederios. I went out with them for three days, the 7th, 8th & 9th, and was not able to tag any turtles. On the 8th there was a small one in the bag which I was able to take back to the boat. After measuring him, I turned my back to write the data down on my book and as I was doing this one of Ed's helpers tossed him over before I got a chance to tag him. He thought I was all done with the animal. The 7th and the 9th did not have any turtles in the net which is very unusual. I notice there was not much of a high tide surmounts during those days...maybe that had something with them not coming inshore to feed. The water was very cold too. We'll be going out again on the 13th. Maybe more luck then.

Ed asked me about have the purchase order works...I told him I'll check with you. Is it 30 turtles or 3 months, whichever comes first?

In regards to Calvin Char, He related his sighting of the turtles to me while we was here holding a public meeting re whale sanctuary.

I managed to measure Rawlin's legend...106 cm length and 106.5 width. It was very deep! He caught it about 10 years ago off K'kai Harbor while skin diving. They had it weighed at Molokai Ranch and it tipped the scale at 410 lbs. Female.

Read your article in the Hawaii Fishing News. Very interesting.

Aloha,

P.S. 7th, 8th, and 9th were off Ualapue (Wavecrest).

11-3-82

George,

Enclosed two more tagging data sheets. As you probably noticed, my "fabulous" sheets contain an error in heading. On "Turtles Tagged On Molokai" the third column should read CURVED WIDTH and not Curved Length.

You will note that the sheet dated Oct. 28th referred to a turtle tagged on Lanail!! (first one?) I went over there again to retrieve a stranded fishing buoy which drifted over from the Big Island and while swimming around saw this guy sleeping under a rocky ledge in about 20-25 feet of water. I dove down, grabbed him and took him to the boat and tagged him and released him there. Couldn't resist the opportunity. While snorkling around, we saw many, many turtles swimming all around us...from the inside breakers to about 45 feet of water. I would estimate we must have seen about ~~one~~ dozen this day. We started around the larger shipwreck (the ferro-cement vessel) and worked our way westward for about 1 to 2 miles.

Talked to Ed re your proposed limit of 10 turtles per month maximum and he consented. By all means, proceed with the "paperwork".

Don't know when he'll have his nets back in the water again but if he does and if it is set in the Palaau area, are you interested in coming over for a day to help grab and tag? You could fly in the night before and fly out the next day. We can time it so that it will be the first setting of the nets...usually more turtles then. Fifteen to twenty turtles in the nets are a sight to see!!!

Check around and as far as we can make out, there's no such animal as "Hale O Lono" Church on Molokai. Makes no difference...I still think Cooper's full of s---!

Aloha,

P.S. Also enclosed is a copy of "Record Of Sea Turtle Captured On Molokai" you asked Mederios to keep. Didn't I mentioned in one of my earlier letters that he had been keeping it up?

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: Oct. 26, 1982

Tag Number : left f/f right f/f
6561 6562

Location Caught: Outside Kaopeahina fishpond, west of Wavecrest

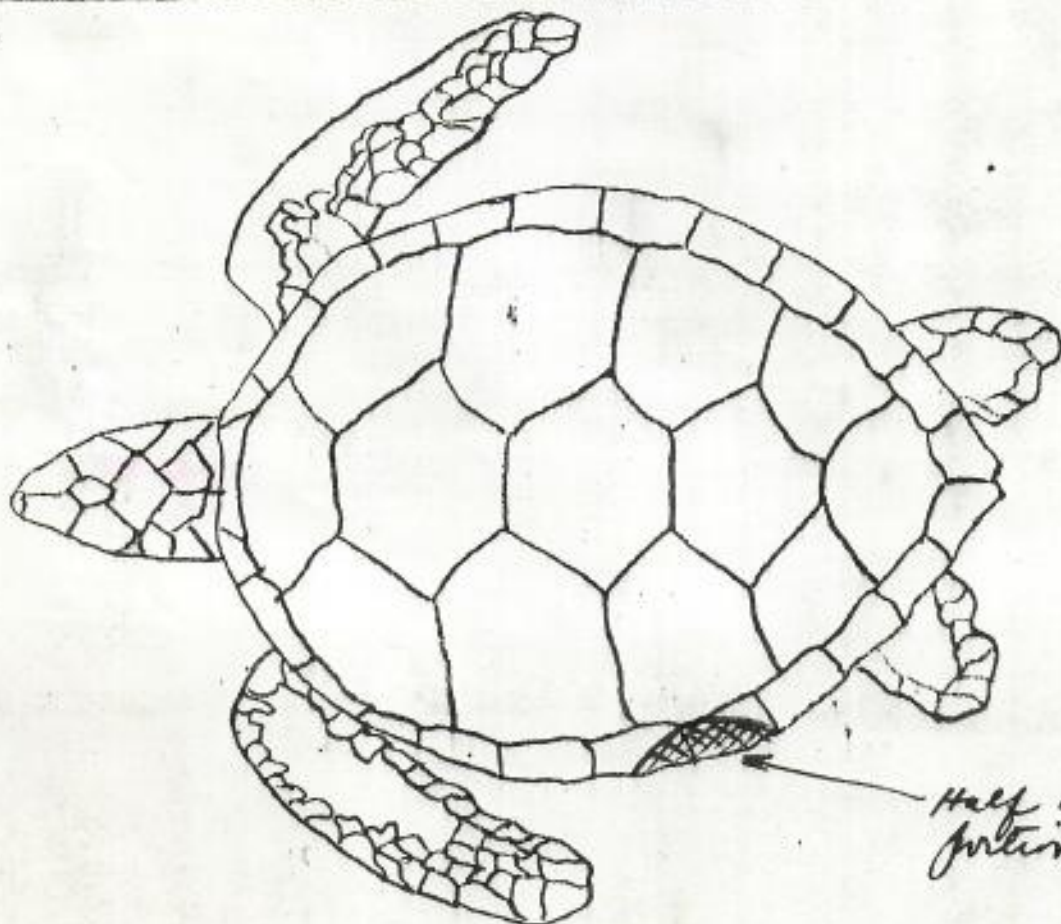
Location Released: Same as above

Curved Length: 50 cm

Curved Width: 42½ cm

Comments: Apparent shark bite between the 7th and 8th side plates
on left side of animal. Completely healed over.

d4



*Half moon
portion missing*

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: Oct. 26, 1982
left f/f right f/f
Tag Number : 6567 6568

Location Caught: Outside Kaopeahina fishpond, west of Wavecrest

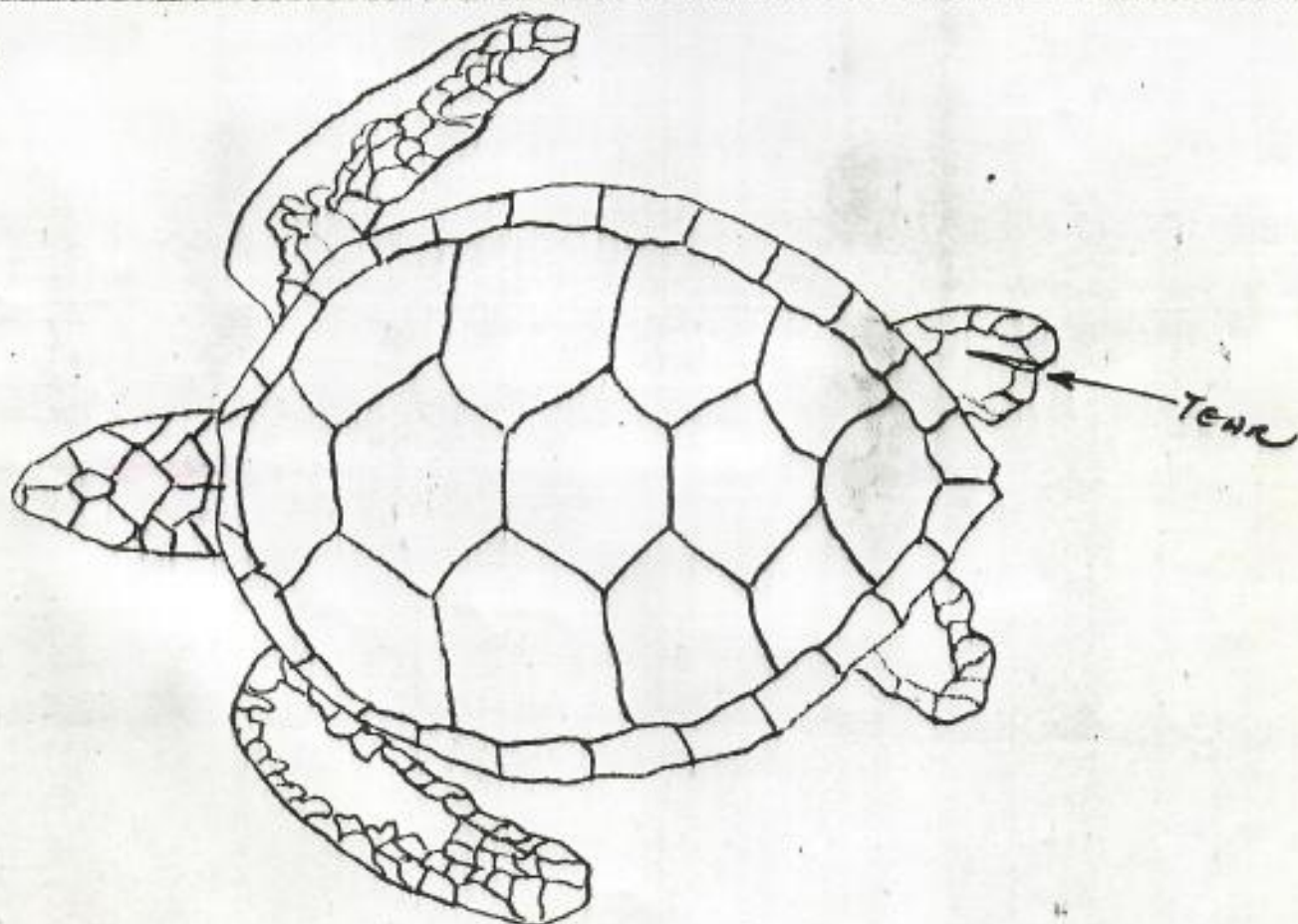
Location Released: Same as above

Curved Length: 82 1/2 cm

Curved Width: 78 cm

Comments: Deep tear on right rear flipper.

#7



***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: 10-20-72
left f/f right f/f
Tag Number : none 6971

Location Caught: Palau, Molokai

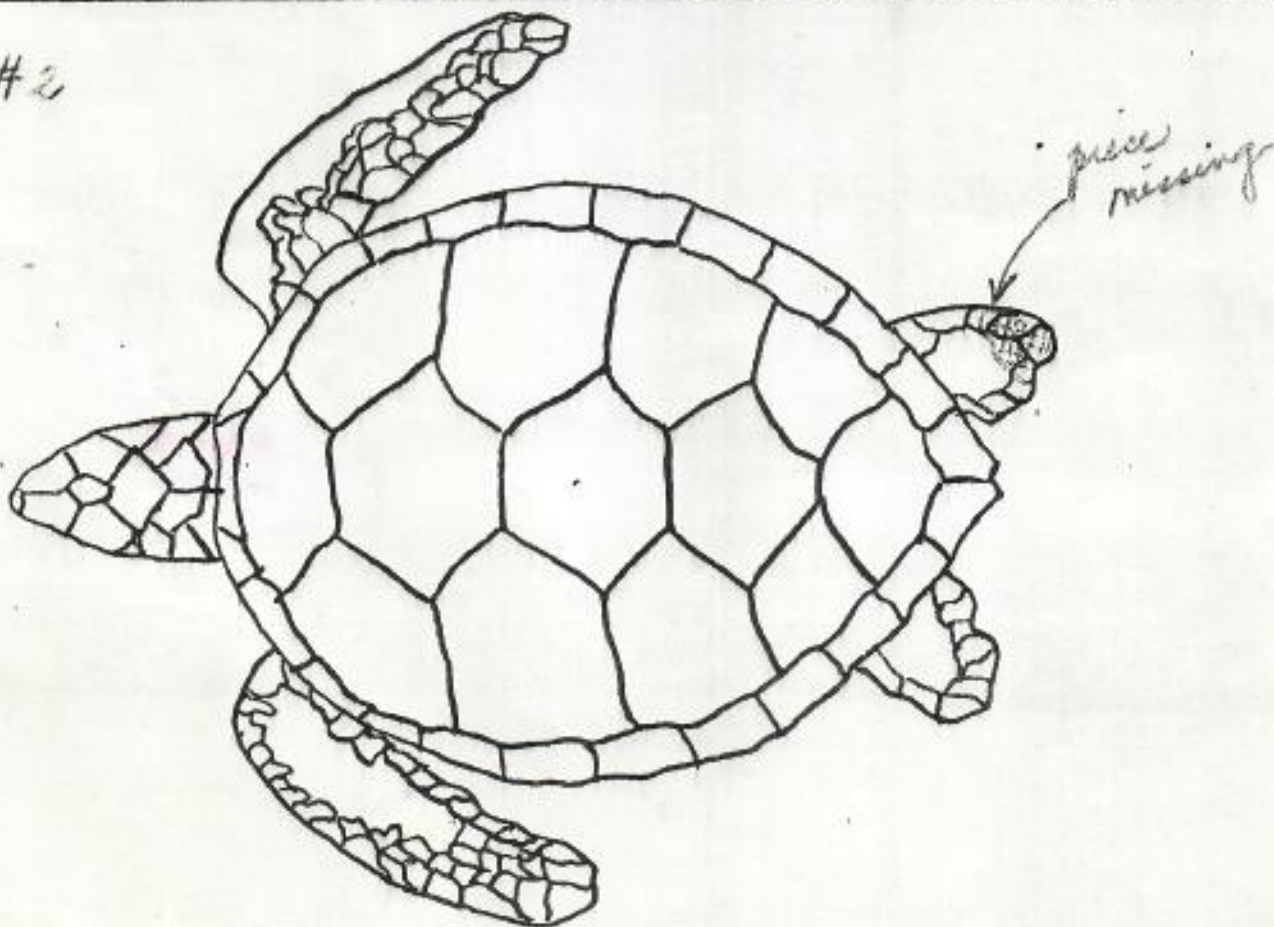
Location Released: Same

Curved Length: 70 cm

Curved Width: 64 1/2 cm

Comments: Pieces missing from right rear flipper

#2



***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: 10-20-82

Tag Number : left f/f right f/f
none 6475

Location Caught: Palau, Molokai

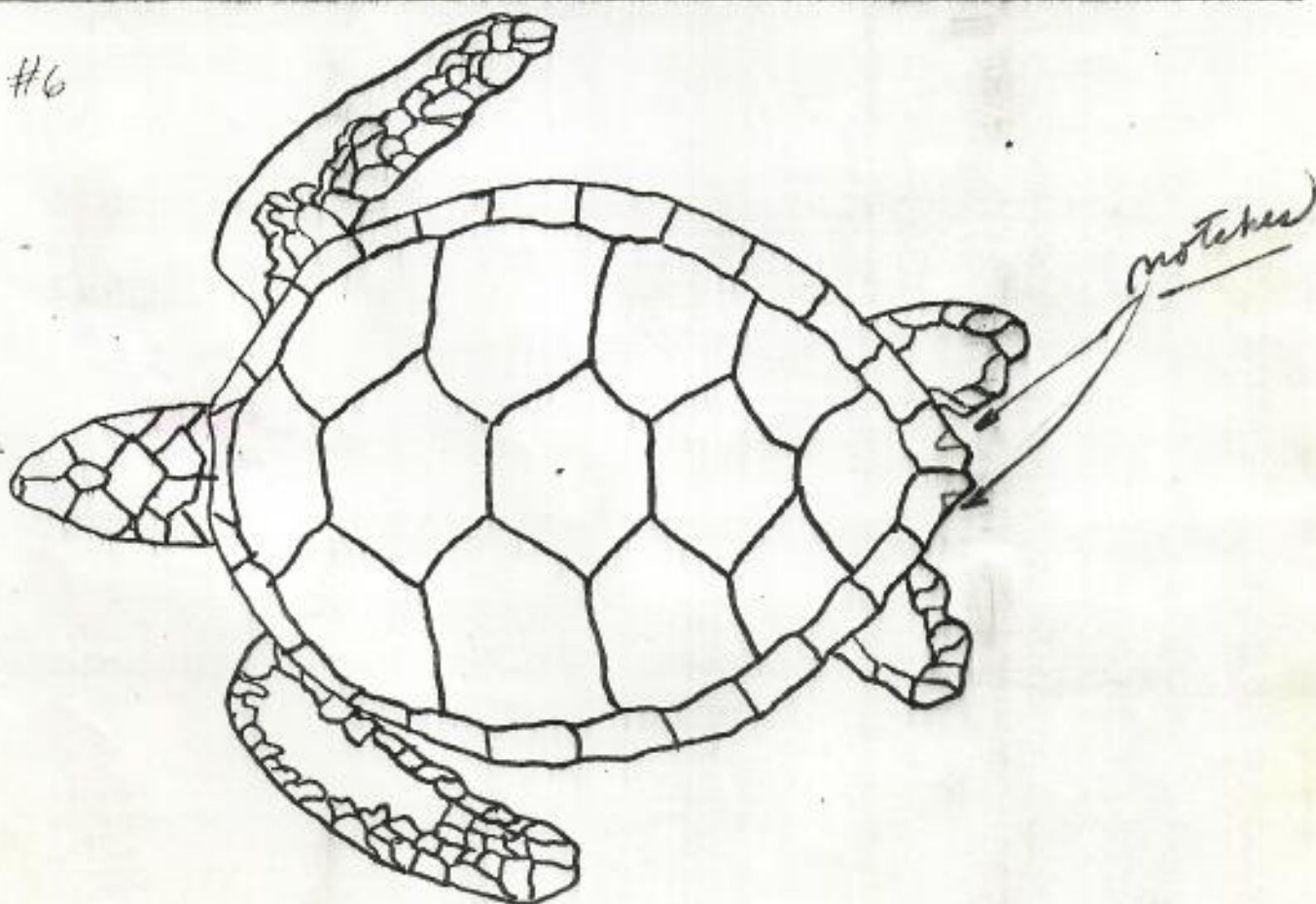
Location Released: Same

Curved Length: 77 cm

Curved Width: 65 cm

Comments: Two notches on shell at rear.
Possibly Male.

#6



***** TURTLES TAGGED ON MOLOKAI *****

Date Tagged: Oct. 19, 1952

Palawan "B"

Location Caught: Just west of Palawan house on Pt. Lela, Kahamae Pt.

Method of Capture: Medusa nets

*1. 2 turtles 11/19 + nothing after
2. 1/2 moon at night (dark)*

Number	Curved Length (mm)	Curved Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
29- 1	62 1/2	55	6533	6534
30- 2	59	52 1/2	6535	6536
31- 3 *	66	62	6537	6538
32- 4	40 1/2	38 1/2	6539	6540
33- 5 *	46	41	6541	6542
34- 6 **	72	63	6543	6544
35- 7	58	48 1/2	6545	6546
36- 8	47 1/2	41 1/2	6547	6548
37- 9	83 1/2	75 1/2	6549	6550
38- 10	79	72 1/2	6451	6452
39- 11	75	71	6453	6454
40- 12	73	64	6455	6456
41- 13	69	59	6457	6458
42- 14	76	67	6459	6460
43- 15	68 1/2	61	6461	6462
44- 16	58	53	6463	6464
45- 17 *	79 1/2	69 1/2	6465	6466
46- 18	56 1/2	51	6467	6468

Remarks: * SEE ATTACHED SHEETS 1, 2, 3

** Exceptionally heavy bodied

*10/19/52
18 days
46 total
0 recovery*

***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: 10-19-82
left f/f right f/f
Tag Number : 6537 6538

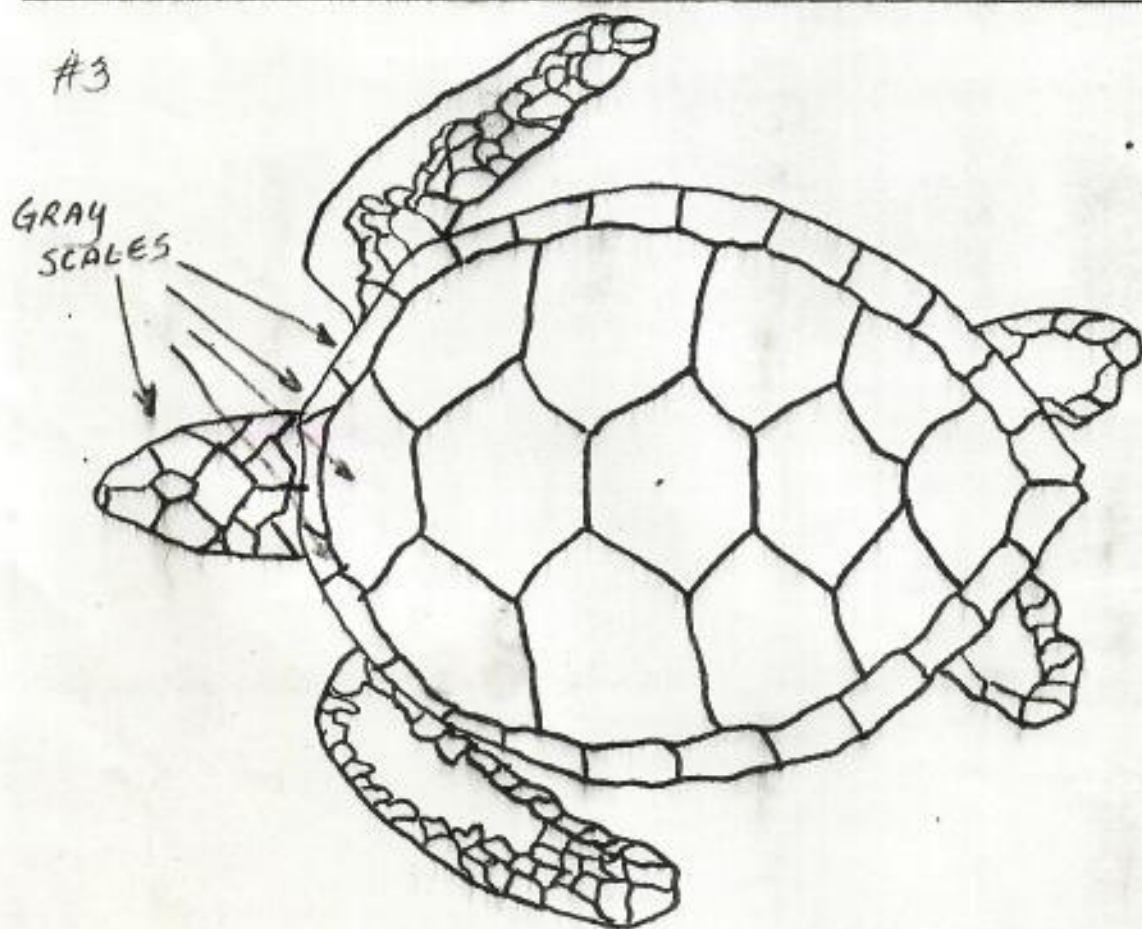
Location Caught: Palau, Molokai

Location Released: Same

Curved Length: 66 cm

Curved Width: 62 cm

Comments: Head & front scales gray
(only)



***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: 10-19-82

left f/f right f/f
Tag Number : 6541 6542

Location Caught: Palaau, Motokai

Location Released: Same

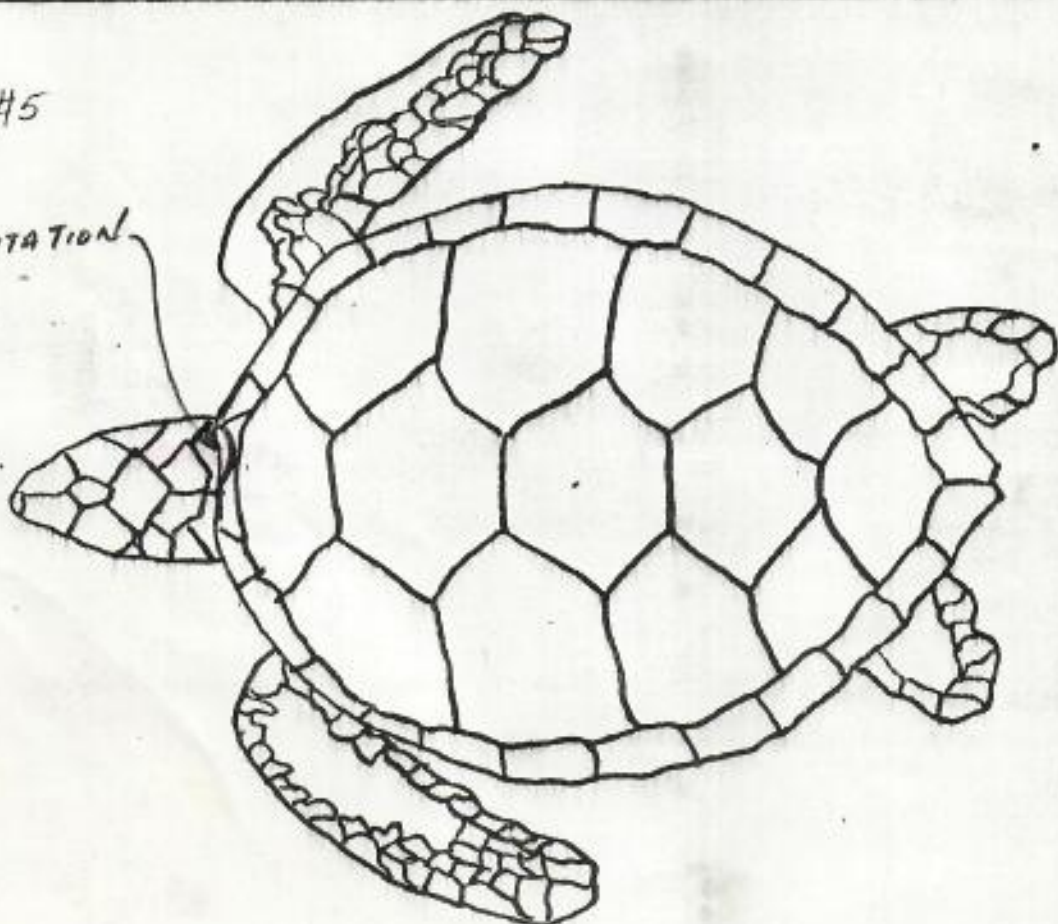
Curved Length: 46 cm

Curved Width: 41 cm

Comments: Indentation on back near to neck.

#5

INDENTATION



***** DISTINGUISHING FEATURES ON TAGGED TURTLES *****

Date Tagged: 10-19-82

left f/f right f/f

Tag Number : 6465 6466

Location Caught: Palaau, Molokai

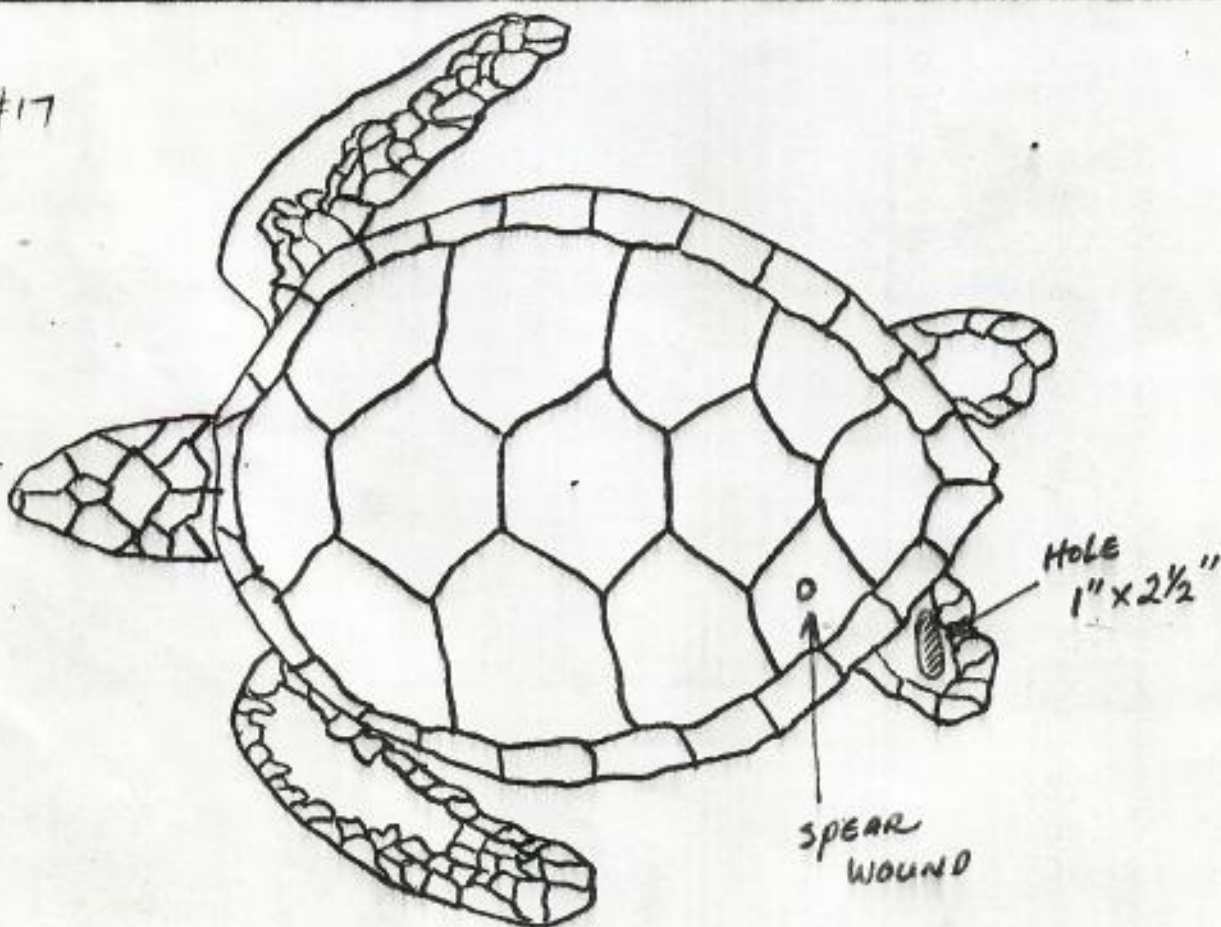
Location Released: Same

Curved Length: 79 1/2

Curved Width: 69 1/2

Comments: ① Hole in left rear flipper
② spear wound on back

#17



Sept. 21, 1982

George,

*Palau "I"
Bismarck*

Two more turtles today. Both tagged on reef flats outside of Kaluaaphhi fishponds in Mederios' nets. Location just west of Kaunakakai Harbor.

27. curved length = 62 cm
curved width = 62 cm
tag right flipper = 6529
tag left flipper = 6528

① .2' tide at midnight & rising after
② 1/8 moon

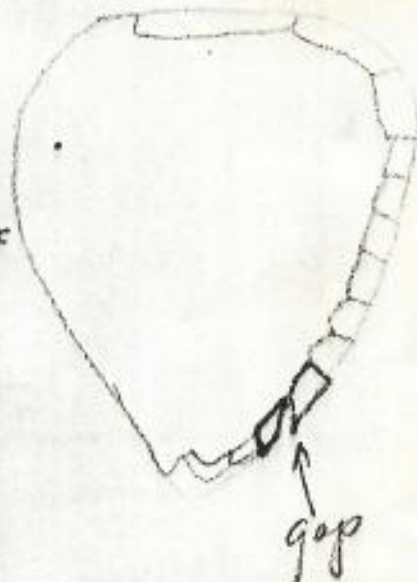
28. curved length = 43 cm 17/16"
curved width = 38.5 cm
tag right flipper = 6531
2nd tag right flipper = 6532
tag left flipper = 6530

I decided to attached a second tag on the right flipper of the second turtle because I wasn't satisfied that the first one was secured as well as it could be. Also, on the right side of the smaller turtle there was a gap between side scales #9 & #10. It apparently it was damaged/hurt earlier but now it's completely healed.

I did not find the time appropriate to talk to Mederios about the cost and source of his nets. He was not exactly talkative as it was another scratch day for his operation. Not enough fish to even pay for the gas consumed. I'll be seeing him sometime again this week and if the timing is right, I'll ask him.

Yes, I do know Ben Sablan! He's married to the daughter of Ascar de Brum, the Chief Secretary of the Marshalls (formally called the District Administrator). Ben was sent away to finish his college education by the government of Ponape while employed there as a fishery technician. I understand from his supervisor, Dick Croft, that he was somehow still on the payroll for the 3-4 years he was away for school and that Dick expected Ben to return to Ponape to work with the Division of Marine Resources. From the looks of your letter, it appears that Ben finally finished his schooling and now is back on his home island, Saipan, working as a replacement for Joaquin Villagomez. (I wonder what happened to Villagomez?) Dick also must be disappointed to lose Ben after sponsoring him all these years.

All for now.



*9/21/82
2 days
28 total
0 recovery*

PS. For your info, the larger turtle today was also vomiting a reddish juice similar if not identical to those in the Palau area.

GEORGE H. ARIYOSHI
GOVERNOR OF HAWAII



DEWOLD LIND, CHAIRMAN
BOARD OF LAND & NATURAL RESOURCES

EDGAR A. HARRIS
DEPUTY TO THE CHAIRMAN

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

DIVISION OF FISH AND GAME
1151 PUNCHBOWL STREET
HONOLULU, HAWAII 96813

DIVISIONS:
COORDINATION AND
RESOURCES ENFORCEMENT
CONSERVATION
FISH AND GAME
FORESTRY
LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

Sept. 13, 1982

George,

Only one turtle tagged on 9/10 at Pukoo.

curved length = 52 cm
curved width = 46 cm

26. tag right flipper = 6527
tag left flipper = 6526

Exact location = far out on reef breakers between Pukoo Harbor and Kupeke fishpond.

On 9/9 Mederios and crew went out to the nets and did not bag the fish as he did not think there was enough to merit the effort. However, he did notice that the nets contained four turtles of various sizes and left them in. The next day when we got out there the nets were laying down in parts/sections as the current and waves were very strong. We tried bagging but found it next to impossible because of the conditions. We did not catch any fish but I managed to secure one turtle swimming within the confine of the net. I think Mederios will be hanging up his operation for a while as it has been very unproductive. Furthermore, his nets were ripped pretty badly this last trip when we picked it up. He's now talking of gearing up for bottom fishing on his larger boat. I'll keep you in touch.

In regards to the last trip to Palaaau, Mederios told me that there were nine more turtles in the nets following the day we tagged the sixteen. He simply let them go.

All for now.

Bee

9/10/82
1 day
26 total
0 recovery

Sept. 7, 1982

George,

Palaau A

As per our telecon on 9/7, the following 16 turtles were tagged on Sept. 3rd at Palaau, just west of the house on stilts, in Mederios' nets set in 4 to 8 feet of water:

	(cm) curved length	(cm) curved width	tag on left flipper	tag on right flipper	2nd tag on right flipper
<i>(10)</i> 1.	44 <i>17 1/2"</i>	39.5	6450	6449	- 0 -
2.	62	53.5	6448	6447	- 0 -
<i>12</i> 3.	53	48	6446	6390	- 0 -
4.	55	47	6391	6392	- 00-
5.	56	49	6393	6394	- 0 -
<i>15-</i> 6.	57	48.5	6395	6396	- 0 -
7.	57.5	51.5	6397	6398	- 0 -
8.	70.5	61.5	6399	6400	6401
<i>18-</i> 9.	70.5	60.5	6402	6403	6404
10.	74.5 <i>29 1/2"</i>	63	6405	6406	6407
11.	72.5	63.5	6408	6409	6410
<i>21-</i> 12.	74	63	6411	6412	6413
13.	66.5	59.5	6414	6415	6416
14.	72.5	64	6417	6418	6419
<i>24</i> 15.	63	55.5	6420	6421	6422
16.	74	60.5	6423	6424	6425

*Must be added
Approved!!*

*Corrected
 discrepancy
 7-24-91*

He will be resetting his nets in the Pukoo area on Wednesday. I'm planning on going out with him again on Thursday if more tags come in.

Aloha,

- ① 2' tide evening before
- ② 1.2' tide at 4 AM
- ③ full moon

9/3/82

*16 days
25 to date
0 recovery*

9/1/82 Palau 1st tide; $\frac{3}{4}$ moon

(9) ↑

net capture

Curved- 77.5 x 70
31" x 28

Tag

6431 LFL

6387 RFL

6388 2nd scale left

6389 1st scale right

9/10 PUKOO HARBOR low tide; $\frac{1}{2}$ moon
(CLOVER LEAF)

cur. WIDTH = 46 cm = 18 $\frac{1}{4}$ "

cur. length = 52 cm = 20 $\frac{3}{4}$ "

Tag right flipper = 6527

Tag left flipper = 6526

9/1/82

1 today

9 to date

0 previous

! reported later day on separate form.

Ralian, Molokai

DATE	TAGS	METHOD	CURVED CARAPACE
(6) 8/30/82	6376 LFL 6377 RFL	Hand capture	57.5 x 53.2 23" x 21 1/4"
(6) 8/31 182	6378 RFL 6379 LFL; 6380 3 rd RS	net	79.5 x 73.0 31 3/4" x 29 1/4"
(6) 8/31	6381 RFL 6382-3 rd RS 6383 LFL; 6384-3 rd SL	net	77.6 x 69.5 30 3/4" x 27 3/4"
(6) 8/31	6385 RFL 6386 LFL	net	56.7 x 51 22 3/4" x 20 1/4"

① Very high (2') tide @ 30 late afternoon.

② 1' tide during night

③ 1/2 moon during night

4 days
8 to date
0 recovery

11
3
17/19
13

Sent to: National Marine Fisheries Services
P.O. Box 3830
Honolulu, Hawaii 96812
July 9, 1982

July 9, 1982

George,

I just returned from a staff meeting in Honolulu and found your letter dated the 2nd.

While there I inquired about your request for Heacock and I to accompany you during your upcoming trips and the draft letter reply I saw was not encouraging. Later, we managed to secure a close meeting with Henry Sakuda and the turtle subject was again broached. Henry's verbal reply was much more optimistic, and permission was granted to me to continue with assisting with the sighting report at least. Kawamoto, however, was adamantly against my tagging of any more turtles...something about me not having a "turtle reseatch" permit from the Feds. Furthermore, Kawamoto also mentioned something about the State of Hawaii requiring a "Scientific Collecting Permit" before the handling of turtles become legitimate. I got the impression that if these permits could be secured, my involvement with tagging would be permitted.

Sakuda expressed a desire for a "cooperative turtle management agreement" ~~between~~ the State and the FEDS and if this could be pulled off, I would imagine that most of the State's opposition with our involvement would be eliminated. My impression of Sakuda is that he can be approached and would be amiable towards some kind of cooperative management of turtles. Can you do it???

George, since I was given explicit directives not to tag/handle any more turtles until I am covered under some kind of permit, I will have to abide with such instructions. As such, I think it would be prudent on our part to proceed with the payment of \$40.00 to Ed Medeiros who was instrumental in the tagging of the four turtles on Molokai in May. I have been in touch with him and the subject of payment has been bought up before with me telling him it will be forthcoming with additional tagging. Since at this time everything seems to be held in abeyance, I feel we should go ahead with the payment to keep in his good graces and also not to lose his confidence in "government officials". We undoubtedly will want to use him again in the future after all this bureaucratic mess is straightened out. Should you concur, the check should be made out to:

Ed Medeiros,
P.O. Box 1216
Kaunakakai, Molokai, Hi. 96748

If you wish, you can send the check to me and I will personally deliver it to Ed...perhaps this would be a better way of doing it.

P.S. I saw you on TV. You don't really tag turtles that fast do you?
† easily

5/19/82

KAWELA A


Tags on turtles as follows:

- (1) ^{14.1}6426 and ^{14.1}6427 on 18" ^{45.7}curved measured individual;
- (2) 6428 and 6429 on 19" ^{47 1/4} ^{49 1/4}curved measured individual;
- (3) 6433 and 6434 on 22" ⁵⁵ ^{55.9}curved measured individual;
- (4) ⁶⁵6430 and ^{66.1}6432 and ^{68.1}6435 on 30" ⁷⁵ ^{76.7}curved measured individual.

Tag number 6431 bent out of shape and discarded.

All turtles were green turtles and tagged on the morning of 5-19-82 on Molokai at Kapuaokoolau just outside of Pahiomu fishpond.

4 today
4 to date
0 recoveries



March 2, 1982

George,

It was about 20 years ago (it doesn't seem that long?) when I used to fish the Kaluakoi area of Molokai and saw turtles swimming around. I have since returned to the area but it is usually rough making the sighting of turtles very difficult. However, reliable sources tell me that the turtles are still commonly seen in that area. In addition, others tell me that turtles seem to be making a comeback from the 70's as more and more are being seen. I've limited my discussions to steady long-time fishermen who should have a better perspective of the situation and they all pretty much agree that turtles are still fairly abundant around the waters of Molokai. One fisherman who dives and fishes the Waiakane area frequently told me they are always around. I myself have seen several animals lately in the Moanani and Kawela areas.

it is pretty much the consensus that the gill netters do not actively seek turtles as their nets are too light and whatever animals they capture are incidental.

Yes, do send me some turtle tags. What data should be recorded prior to the release of the animals? You will have to describe where and how the tags should be attached. For your info, one of the old time turtle hunter here told me he can show us where and how live turtles can be caught without too much hassle if you are interested in a concerted effort of tagging turtles here in one of the main islands.

Finally, in regards to Mr. Cooper...it was true that he was asked not to catch turtles in Molokai waters by a group of local fishermen which he complied to amicably. It was a certain Mr. Allencaster from Maui that was physically detained from capturing turtles with his power head gun in the early 70's and forcibly shipped out of Molokai by competing local fishermen during that period when turtle steaks were a popular fare in Lahaina restaurants.

Reading over Cooper's papers rings a certain note of discord within my own heart. While it was certainly true that aboriginal Hawaiians captured and utilized turtles, nowhere is it recorded nor never have I heard old timers described anything more than an opportunistic harvesting of the animals. If by chance a turtle was seen and could easily be caught, the ancient Hawaiians no doubt took advantage of the situation and probably considered it as no more than a normal part of the day's take. In many other Pacific islands however, the harvesting of sea turtles was a concerted effort and the distribution of the catch followed a time honored ritual accompanied by prescribed ceremonies. In the Marshall Islands for instance, certain atolls such as Erikup, Bikar, Jemo, etc. were recognized and set aside as natural sanctuaries for turtles (and also other animals) and permission to utilize the resources on these atolls had to be obtained from the paramount chiefs. Moreover, the preparation for these trips involved most of the villagers as well as the men actually going on the trip...food and other provisions were prepared by the women and children, other men made sure the canoes were seaworthy, the priests made sure the signs were appropriate for a successful trip, etc. Upon return the turtles were divided and distributed according to custom...the neck portion was always given to the high chief, other certain innards were awarded to the elderly and sickly for medicinal purposes, those women knowledgeable and adept in preparing turtles were assembled from afar and supervised the cooking of the catch, etc. Thus unlike the situation in Hawaii, in certain W.P. islands there evolved traditional customs and rituals in conjunction with the utilization of sea turtles and these ceremonies figured prominently in the lifestyle of the natives. This can be further illustrated by the common occurrence of the turtle as a motif in their art, woodcarving, handicrafts, building and clothing designs, legends, and also in their self imposed conservation practices. The U.S. Government exercised sound judgement in permitting these people to continue harvesting sea turtles because to do otherwise would clearly jeopardize their traditional way of life. In present day Hawaii this point is not a conveniently apparent. We have never evolved a tradition centered around the

utilization of sea turtles to the same extent as other Pacific islanders and even if they did it certainly no longer exist today. To claim now as Cooper has done that restricting the contemporary harvesting of sea turtles would infringe upon Hawaiian traditional rights is a moot question at best...and in my personal estimation certainly not justifiable in light of how little the utilization of sea turtles actually figured in Hawaiian culture as compared to other Pacific islanders. To answer Cooper's allegations then, the question we must address is if the turtle population in Hawaiian waters is stable enough to allow the taking of the animals for home consumption? Are there enough turtles within the waters of the Hawaiian archipelago to permit occasional taking by local fishermen or will this sort of activity further threaten the very existence of the animals? Cooper's references to traditional Hawaiian rights, the lack of appropriate substitute for turtle meat, and the controlling of limu in fishponds with turtles all become hollow if the answer to the above question is negative. Over and beyond any one individual's right is the right of the entire community as a whole. Our children, and their children, and their children's children have the right to see, touch, and to co-exist with other creatures in the world and I feel it is our responsibility to ensure this occurrence. In ~~private~~ ~~whether~~ way, I want my son to have a chance to sit on that same boulder and watch huge turtles swim and feed as I did 60 years ago! What a shame it would be for me to have the distinction of being the last to have that chance. The Hell with Cooper and his fishponds and the Hell with traditional Hawaiian rights if it means the extermination of our children's right to see a real live turtle swimming free in its natural environment.

What I want to say now I hope you will keep strictly confidential as it goes contrary to my employer's, the State of Hawaii, expressed position and it is only my personal suggestions and thoughts: (1) those fishermen who actually are able to take turtles for home consumption are a very small minority (Cooper represents even a smaller minority as a "Hawaiian with traditional rights" and even that's debatable as some of my informants consider him nothing more than a "local hoale"). We may as well face it...these guys are going to continue their opportunistic harvesting of sea turtles whether we like it or not and there's not very much we can do about it without being expensive. I know them, I grew up with some of them and I understand their mentality. Law or no law they're going to continue to catch and to eat turtle whenever the opportunity arises and whenever they feel they can get away with it. Why then should we legitimize this ongoing activity and thus invite more to partake in it? Assuming that sea turtles are not in imminent danger of being eliminated from the face of the earth, would it not be wiser for us to retain the status quo and to close our eyes to this incidental catch by certain hard core fishermen whose numbers will surely diminish with each passing generation? If Cooper wasn't such a windbag, he too could discretely fulfill his "taste" for turtle meat without trying to take on the whole world. I'm not sure I could condone him using turtles to keep his ponds free of limu. All the old and long time pond caretakers here on Molokai told me turtles were never deliberately placed in fishponds as they were not beyond preying on the pond fish themselves. Too much limu was never a problem the old pond caretakers encountered. In other words, I doubt very much if placing turtles in Hawaiian fishponds was a traditional practice as claimed by Cooper. Moreover, it would be a highly visible and blatant disregard of the law if we were to allow him to stock his ponds with turtles. Hard core fishermen discretely catching and eating turtles is one thing but keeping outlawed turtles alive in ponds for all to see is quite another; (2) assuming that the turtle population in Hawaiian waters can sustain subsistence harvesting, to allow "traditional" utilization of sea turtles by native Hawaiians would be asking for problems in my opinion. Hawaiians were not the only race to capture and eat turtles in Hawaii. The Chinese, Japanese, and even the hoales would all raise heck if we permitted only Hawaiians to take turtle for home consumption. And how would you define "Hawaiian" anyway... and what's so traditional about using scuba tanks, powered vessels, synthetic nets, etc. in capturing turtles? No, there's no merit in allowing the restoration of the "traditional" harvesting of sea turtles by Hawaiians because in my opinion there was no tradition to begin with.

D vs 's vs other Pacific island nation!!

In sum, continue the present ban on the taking of sea turtles in Hawaii and do not permit any subsistence harvesting. Those hard core turtle eaters are going to get their share anyway. Continue and step up the research to determine the viability of the turtle stock and if it proves appropriate, then and only then allow a control taking of animals preferably under a limited permit system. Put the permits up for high bid and let those who feel that they must have turtle meat pay for that privilege. For your added info, all the big time commercial turtle hunters here on Molokai confided in me that the State's banning of turtle for commercial use was a wise move. They themselves felt the turtle population was suffering too much of a loss and could not continue to sustain the pressure placed on it by commercial hunters. Therefore, do not entertain any thoughts of allowing the commercial taking of sea turtles. If the market demand for turtle meat and products is so great and overwhelming, let some bright and enterprising entrepreneur fill the need through culturing of the animal.

I hope this was not too verbose for you. I've enclosed several turtle sighting reports and will continue to forward them to you upon completion.

Aloha,

~~Copy~~

U.S. DEPARTMENT OF COMMERCE
NATIONAL MARINE FISHERIES SERVICE
1151 PUNCHBOWL STREET
HONOLULU, HAWAII 96813

June 21, 1982

Mr. Henry Sakuda, Director
Division of Aquatic Resources
1151 Punchbowl Street
Honolulu, Hawaii 96813

Dear Henry:

An idea has occurred to me that I would like to offer for your consideration. During one of my future trips to French Frigate Shoals to tag turtles, I propose that a biologist from your Division accompany me for the purpose of gaining first-hand experience in this type of research. It seems to me that such an arrangement would be mutually rewarding. I regret that I did not think of this earlier as a possibility for French Frigate Shoals, since someone of your choice could conceivably have spent time with me during the present breeding season. Nevertheless, there will be opportunities in the future.

My Refuge permit from the Fish and Wildlife Service would have to be altered slightly to include one of your biologists, but I do not anticipate any problems along those lines.

-I look forward to hearing your thoughts on this suggestion.

Sincerely,

s/G.H.B. (ec)

GEORGE H. BALAZS
Assistant Marine Biologist
(I.P.A. contract with NMFS)

GHB:ec

GEORGE R. ARIYOSHI
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF AQUATIC RESOURCES

1151 PUNCHBOWL STREET
HONOLULU, HAWAII 96813

July 6, 1982

SUSUMU ONG, CHAIRMAN
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Mr. George H. Balazs
Assistant Marine Biologist
Hawaii Institute of Marine Biology
P. O. Box 1346
Kaneohe, Hawaii 96744

Dear George:

This responds to your letters of May 19 and June 1, 1982, regarding the preliminary draft proposals for green sea turtle research in American Samoa and Hawaii, and your request for assistance from our resident biologists on Molokai and Kauai.

Although knowledge of the biological requirements of Hawaiian green sea turtles has come a long way under your able efforts, there is much more knowledge yet to be obtained for effective turtle management. Our agency's responsibilities naturally direct our interest more toward research carried out in the State of Hawaii (relative to research in other parts of the Pacific), to be more directly beneficial to our resource.

We must regretfully decline to issue "blanket" commitment of the services of our staff biologists on Molokai and Kauai. Funding constraints and existing obligations to ongoing projects preclude such a commitment at this time. However, as in the past they may continue to provide you occasional assistance as need arises and as time and their other duties permit.

Finally, you should be aware that pursuant to Chapter 195D, Hawaii Revised Statutes and to Administrative Rule 13-124-4, "Rules Regulating the Management and Protection of Indigenous Wildlife, Endangered and Threatened Wildlife and Plants, and Introduced Wild Birds", the proposed work involving capture, handling, tagging and release of green sea turtles in State jurisdiction would require a scientific collecting permit from the State. Your immediate attention should be given this matter so that you remain in compliance with these laws.

Thank you for your understanding and cooperation on the above.

Sincerely,

HENRY M. SAKUDA, Director
Division of Aquatic Resources