

MOLOKAI

2

1980s ARTICLES, LETTERS
AND TAGGING DATA
G.H. BALAZS' FILE

Summary of green turtles tagged and resighted
off the south shore of Molokai, Hawaii, 1982-90.

by

George H. Balazs	Bill Puleloa	Ed Medeiros
Honolulu Laboratory	Div. of Aquatic Resources	Friendly Isle Fishing Co.
Natl. Mar. Fish. Serv.	P.O. Box 248	P.O. Box 1216
2570 Dole Street	Kualapuu, Molokai, HI 96757	Kaunakakai, Molokai 96748
Honolulu, HI 96822-2396		

Study dates	Study site	Total No. captured	No. newly tagged	No. tag resighting	Total No. tagged in population to date
5/19/82	Pahiomu (E)	4	4	0	4
8/30 - 8/31/82	Palaau (W) (west)	4	4	0	8
9/1/82	Palaau (W)	1	1	0	9
9/3/82	Palaau (W) (east)	16	16	0	25
9/13/82	Pukoo-Kupeke (E)	1	1	0	26
9/21/82	Kaluaapuhi (W)	2	2	0	28
10/19 - 10/20/82	Palaau (W) (west)	26	25	1 (9/3/82)	53
10/21/82	Kaunakakai (W)	1	1	0	54
10/26/82	Ualapue (E)	7	7	0	61
1/11/83	Kawela (E)	4	4	0	65
1/14/83	Kawela (E)	1	1	0	66
1/25 - 1/28/83	Kamalo (E)	11	9	2 (5/19/82)	75
2/8/83	Puhaloa/Ualapue (E)	1	1	0	76
2/26/83	Kawela Panahaha (E)	2	2	0	78
4/20/83	Pahiomu/ Kamahuehue (E)	3	2	1 (5/19/82)	80
5/6/83	Kamalo (E)	5	4	1 (1/25/83)	84

Green turtles, Molokai, 1982-90.--Continued.

Study dates	Study site	Total No. captured	No. newly tagged	No. tag resighting	Total No. tagged in population to date
6/4/83	Ualapue (E)	2	2	0	86
6/30 - 7/1/83	Kawela (E)	8	8	0	94
7/7/83	Makolelau (E)	4	4	0	98
9/6/83	Pahiomu (E)	1	1	0	99
9/7/83	Kawela Panahaha (E)	1	1	0	100
11/1/83	Palaau (W)	1	1	0	101
11/16/83	Kipapa (E)	1	1	0	102
11/17/83	Kakahaia (E)	2	2	0	104
12/17/83	Kanukauawa (E)	1	1	0	105
12/20/83	Palaau (Pakanaka) (W)	7	7	0	112
1/5 - 1/6/84	Palaau (W) (Kawela release)	5	5	0	117
1/17/84	Ualapue (E)	2	2	0	119
1/20/84	Kawela (E)	2	2	0	121
1/26/84	Kawela (E)	1	1	0	122
1/28/84	Kawela (E)	3	3	0	125
2/7/84	Palaau (W) (K'K release)	1	1	0	126
2/8 - 2/9/84	Palaau (W) (east)	3	2	1 (9/3/82)	128
2/11/84	Palaau Biomass (W) (K'K release)	5	4	1 (9/1/82)	132
2/23/84	Kawela Panahaha (E)	4	4	0	136
2/24/84	Pahiomu (E)	2	2	0	138

Green turtles, Molokai, 1982-90.--Continued.

Study dates	Study site	Total No. captured	No. newly tagged	No. tag resighting	Total No. tagged in population to date
3/24/84	Palaau (W) (east)	1	0	1 (2/11/84)	138
4/4/84	Palaau (W)	4	4	0	142
4/12 - 4/13/84	Kakahaia (E)	4	2	2 (7/7/83 9/7/83)	144
4/14/84	Kanukuawa (E)	3	3	0	147
4/25 - 4/26/84	Palaau Biomass (W)	6	5	1 (1/28/83)	152
5/5/84	Kolo Wharf (W)	10	10	0	162
5/9/84	Kolo Wharf (W)	2	2	0	164
5/10 - 5/11/84	Palaau Biomass (W)	5	5	0	169
5/16/84	Palaau (W) (east)	10	8	2 (10/19/82 - 2/8/84)	177
10/7/84	Kawela (E)	1	1	0	178
10/17/ - 10/18/84	Kawela (E)	3	3	0	181
10/20/84	Kanukuawa (E)	1	1	0	182
4/3/85	Palaau (W) (K'K release)	2	2	0	184
4/11/85	Pakanaka Palaau (W) (K'K release)	12	12	0	196
4/23/85	Palaau (W) Site A	8	5	3 (8/30/82 1/5/84 1/6/84)	201
4/24 - 4/25/85	Palaau (W) Site B	39	38	1 (4/11/85) ^a	239

Green turtles, Molokai, 1982-90.--Continued.

Study dates	Study site	Total No. captured	No. newly tagged	No. tag resighting	Total No. tagged in population to date
4/26/85	Palaau (W) Site C (K'Kai release)	3	3	0	242
4/30/85	Palaau Biomass (W) (Kawela release)	1	1	0	243
5/7 - 5/9/85	Palaau Biomass (W)	9	7	2 (5/16/84 1/6/84)	250
5/19 - 5/20/85	Palaau Biomass (W) (Kawela release)	5	4	1 (4/25/84)	254
5/23, 5/31, and 6/2/85	Palaau (W) Waiakane (hand captures)	4	4	0	258
6/14 - 6/17/85	Kawela (E)	5	4	1 (1/11/83)	262
6/28 - 6/29/85	Kawela (E)	6	5	1 (4/25/85)	267
7/11/85	Palaau (W) (K'K release)	16	15	1 (9/3/82)	282
7/16/85	Palaau (W) Site D	10	10	0	292
7/17 - 7/18/85	Palaau (W) Site E	36	32	4 (4/24/85 4/25/85)	324
7/19/85	Palaau (W) Site F	38	37	1 (7/11/85)	361
8/15/85	Kawela (E)	1	1	0	362
8/25/85	Kawela (E)	1	1	0	363
8/30/85	Kawela (E) Panahaha	5	5	0	368
10/3/85	Palaau (W)	20	19	1 (9/3/82)	387

Green turtles, Molokai, 1982-90.--Continued.

Study dates	Study site	Total No. captured	No. newly tagged	No. tag resighting	Total No. tagged in population to date
10/16/85	Palaau (W) (west)	14	10 ^b	4 9/3/82 10/19/82 4/26/85 10/3/85	397
1/6/86	Kawela (E) Kanoa	2	2	0	399
3/5/86	Palaau (W) (east)	19	16	3 9/3/82 12/20/83 5/16/84	415
5/1/86	Palaau (E) Waiakane (hand captured)	3	3	0	418
7/13/86	Kawela (E) Kanoa	1	1	0	419
9/19/86	Palaau (W) Site A	12	9	3 9/3/82 7/11/85 10/2/85	428
2/24/87	Palaau (W)	3	3	0	431
4/9/87	Pukoo (E) (Strand)	1	1	0	432
6/3/87	Palaau (W) Site A	10	9	1 ^c 4/25/84 5/19/85	441
6/4/87	Palaau (W) Site C	17	14	3 9/3/82 10/19/82 7/11/85 9/19/86	455
11/17 - 11/18/87	Kawela (E)	4	4	0	459
1/23/88	Kawela (E) Kanoa	1	1	0	460

Green turtles, Molokai, 1982-90.--Continued.

Study dates	Study site	Total No. captured	No. newly tagged	No. tag resighting	Total No. tagged in population to date
2/5/88	Kawela (E)	4	3	1 (7/7/83)	463
2/19/88	Kawela (E) Panahaha	8	7	1 (8/30/85)	470
2/20/88	Kawela (E) Kanoa	1	1	0	471
2/23 - 2/24/88	K'Kai (W) (Kawela release)	3	3	0	474
3/1/88	K'Kai (W) (Kawela release)	2	2	0	476
3/8/88	Kawela (E)	1	1	0	477
3/10/88	Kawela (E)	2	2	0	479
7/11/88	Palaau (W) (east) (SLP release)	(5)	(5)	--	--
7/12 - 7/13/88	Palaau (W) Site A	38	32	6 ^d	511
			(dates for resightings not listed hereafter)		
7/14 - 7/15/88	Palaau (W) Site E	87	77	10	588
8/27- 8/30/88	Kawela (E)	4	4	0	592
6/10/89	Kawela (E)	1	0	1 ^e	592
7/5 - 7/6/89	Palaau (W) Site A	115	106	9 ^f	698
7/7/89	Palaau (W) Site G	27	24	3	722
7/9/89	Palaau (W)	1	1 ^g	0	723
8/30/89	Kaluaaha (E)	1	1 ^h	0	724

Green turtles, Molokai, 1982-90.--Continued.

Study dates	Study site	Total No. captured	No. newly tagged	No. tag resighting	Total No. tagged in population to date
11/14 - 11/15/89	Kawela (E)	9	9 ^a	0	733
3/1/90	Palaau (W) Site A	1	1	0	734
3/2/90	Palaau (W) Site C	12	11	1	745
5/8 - 5/9/90	Palaau (W) Site A	50	43	7	788
5/10/90	Palaau (W) Site G	1	1	0	789
7/2 - 7/3/90	Palaau (W) Site B	36	29	7	819
7/9 - 7/11/90	Palaau (W) Site F	82	72 ^d	10	890

NOTE: E = capture made east of Kaunakakai Wharf; W = capture made west of Kaunakakai wharf.

^aTag resighting 7939, 7940 also reported "caught in gillnet at Palaau" during early May 1989. Tags mailed to HIMB.

^bFirst turtle ever seen at Palaau with tumors. Newly tagged 9523 on this date (10/16/85).

^cSecond turtle seen at Palaau with tumors. Previously tagged 6698, 6699 at Palaau on 4/25/84 without tumors. Recaptured at Palaau and released at Kawela on 5/19/85 without tumors.

^dTag resighting 9874, 9875 originally tagged 6/87 at Palaau found comatose in bullpen 7/14/88.

^eTag resighting (8624,8625) originally tagged at Kawela 6/29/85 found dead with tumors and left front flipper amputated.

^fAdult male 6109 originally tagged at French Frigate Shoals 6/82 and 6/89 ("nesting") not included.

^aAdult male 7154 originally tagged at French Frigate Shoals 6/83 resighted and considered "newly tagged" to Molokai population.

^bTumors. Found entangled in discarded gillnet. Tagged 9182, 9183 and released.

^cThree turtles with tumors (non-Palaau).

^dComatose juvenile found among turtles on deck not included.

Total No. tagged E - 128

Total No. tagged W - 762

Juvenile hawksbill also captured on 7/14/88.

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

Date Tagged: Nov. 14, 1986 (Return)

Location Caught: Kapaakea, Molokai

Method of Capture: Unknown

<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>
<u>1</u>	_____	_____	<u>3208</u>	<u>?</u>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
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_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

NOTE: This is an anonymous return of a tag obtained from a turtle off Molokai. This turtle was originally tagged at French Frigate Shoals on June 25, 1979. No additional data was obtained.

Remarks: 350 turtles tagged to date with 37 recoveries.

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

Date Tagged: February 24, 1987

Location Caught: Palaau, Molokai

Method of Capture: Fisherman's nets

<u>Number</u>	<u>Curved Length</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>79.5(74.0)</u>	<u>69.0(56.5)</u>	<u>9599</u>	<u>9600</u>
<u>2</u>	<u>55.5(51.5)</u>	<u>47.0(39.5)</u>	<u>9601</u>	<u>9602</u>
<u>3</u>	<u>61.0(57.5)</u>	<u>55.0(46.0)</u>	<u>9603</u>	<u>9604</u>

NOTE: Straight measurements in parenthesis.

Turtles released at site of tagging.

Remarks: 353 turtles tagged to date with 37 recoveries.

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

Date Tagged: March 5, 1986

Location Caught: Palaaau (just east of natural harbor)

Method of Capture: Fisherman's 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>
<u>1</u>	<u>87.5(79.5)</u>	<u>86.0(64.5)</u>	<u>9542</u>	<u>9543</u>
<u>2</u>	<u>91.0(84.5)</u>	<u>78.0(62.0)</u>	<u>9544</u>	<u>9545</u>
<u>3</u>	<u>72.5(68.0)</u>	<u>70.0(55.5)</u>	<u>9546</u>	<u>9547</u>
<u>4</u>	<u>71.0(66.0)</u>	<u>66.0(54.0)</u>	<u>9548</u>	<u>9549</u>
<u>5</u>	<u>80.0(74.0)</u>	<u>68.0(56.0)</u>	<u>9550</u>	<u>9551</u>
<u>6</u>	<u>64.0(59.5)</u>	<u>57.0(46.5)</u>	<u>9552</u>	<u>9553</u>
<u>7</u>	<u>60.0(55.5)</u>	<u>49.5(42.0)</u>	<u>9554</u>	<u>9555</u>
<u>8</u>	<u>65.0(61.0)</u>	<u>58.5(48.0)</u>	<u>9556</u>	<u>9557</u>
<u>9</u>	<u>56.0(51.5)</u>	<u>49.0(40.0)</u>	<u>9558</u>	<u>9559</u>
<u>10</u>	<u>41.0(38.5)</u>	<u>35.5(31.0)</u>	<u>9560</u>	<u>9561</u>
<u>*11</u>	<u>77.0(72.5)</u>	<u>68.0(58.0)</u>	<u>6402</u>	<u>6403/4</u> (2nd recovery! Originally tagged 9-3-82 #11)
<u>12</u>	<u>72.0(67.5)</u>	<u>62.5(53.5)</u>	<u>9562</u>	<u>9563</u>
<u>*13</u>	<u>← (43.5)</u> <i>DID NOT MEASURE CURVE</i>	<u>(35.0)</u>	<u>7239</u>	<u>9564</u> (tagged right flipper with) <i>#13</i>
<u>14</u>	<u>77.0(71.5)</u>	<u>69.0(56.5)</u>	<u>9565</u>	<u>9566</u> (1st recovery originally tagged 5-16-84) <i>#13</i>
<u>15</u>	<u>45.0(43.0)</u>	<u>40.0(34.5)</u>	<u>9567</u>	<u>9568</u>
<u>16</u>	<u>63.5(59.5)</u>	<u>60.5(50.0)</u>	<u>9569</u>	<u>9570</u>
<u>*17</u>	<u>52.5(49.5)</u>	<u>48.0(42.0)</u>	<u>7293</u>	<u>7294</u> (1st recovery; originally tagged 12-20-83) <i>(#17)</i>
<u>18</u>	<u>74.0(69.0)</u>	<u>66.0(54.0)</u>	<u>9571</u>	<u>9572</u>
<u>19</u>	<u>64.0(60.0)</u>	<u>56.0(46.5)</u>	<u>9573</u>	<u>9574</u>

Remarks: *These turtles are recoveries. All of them were originally tagged within 1/2 mile of today's capture. 338 turtles tagged to date with 33 recoveries.

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

Date Tagged: January 6, 1986

Location Caught: Outside Kanoa Fishpond

Method of Capture: Fishermen's nets

Number	Curved Length (cm)	Curved Width (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
1	43.5(41.5)	38.0(32.5)	9538	9539
2	55.0(52.0)	48.5(41.5)	9540	9541

960.
Ed H. mentioned that few turtles in net these days. Snoput cold cold H₂O might have some-thing to do w/it. RR

Remarks: Both turtles released at site of capture. Straight measurements in parenthesis. 322 turtles tagged to date with 30 recoveries.

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

Date Tagged: July 11, 1985

Location Caught: Palaaau, Molokai

Method of Capture: Fisherman's Nets

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

RECOVERYRECOVERY***RECOVERY***

<u>16</u>	<u>68.0(62.0)</u>	<u>62.0(51.0)</u>	<u>6420</u>	<u>6421, 6422</u>
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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 _____
 _____ _____

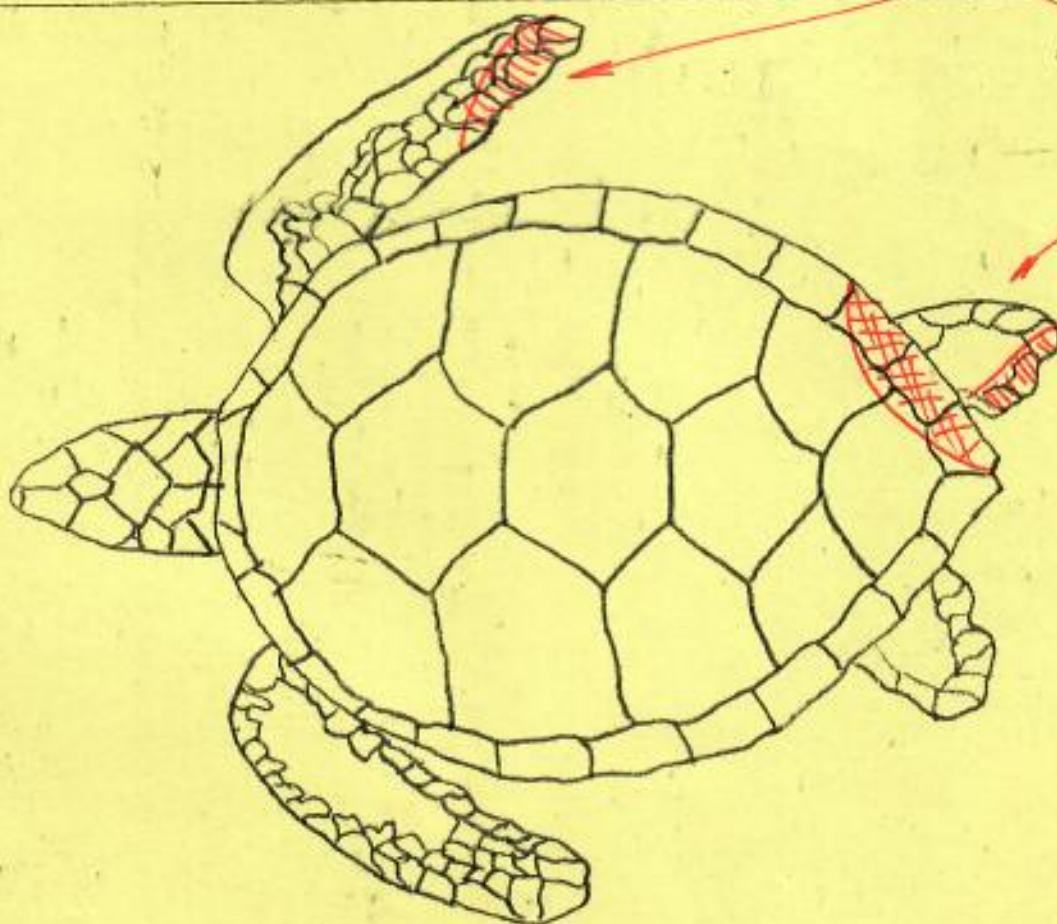
Location Caught: Palaau

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.



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

Date Tagged: May 20, 1985

Location Caught: Kawela

Method of Capture: Fisherman's nets (Hocajo)

<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>42.5(40.0)</u>	<u>37.5(33.0)</u>	<u>8610</u>	<u>8611</u>

Remarks: Turtle released at Kawela. 256 turtles tagged to date with 22 recoveries.

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

Date Tagged: 5-19-85

Location Caught: Kawela

Method of Capture: Incidental catch in nets of HocaJo

<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>53.0 (50.5)</u>	<u>48.0 (42.0)</u>	<u>6698</u>	<u>6699</u>
<u>2**</u>	<u>47.0 (44.0)</u>	<u>40.5 (35.0)</u>	<u>8604</u>	<u>8605</u>
<u>3</u>	<u>45.0 (42.5)</u>	<u>38.5 (33.5)</u>	<u>8606</u>	<u>8607</u>
<u>4</u>	<u>71.0 (66.0)</u>	<u>62.0 (52.0)</u>	<u>8608</u>	<u>8609</u>

*Recapture from 4-25-84. 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.

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

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

Date Tagged: 5-19-85
left f/f right f/f
Tag Number : 8604 8605

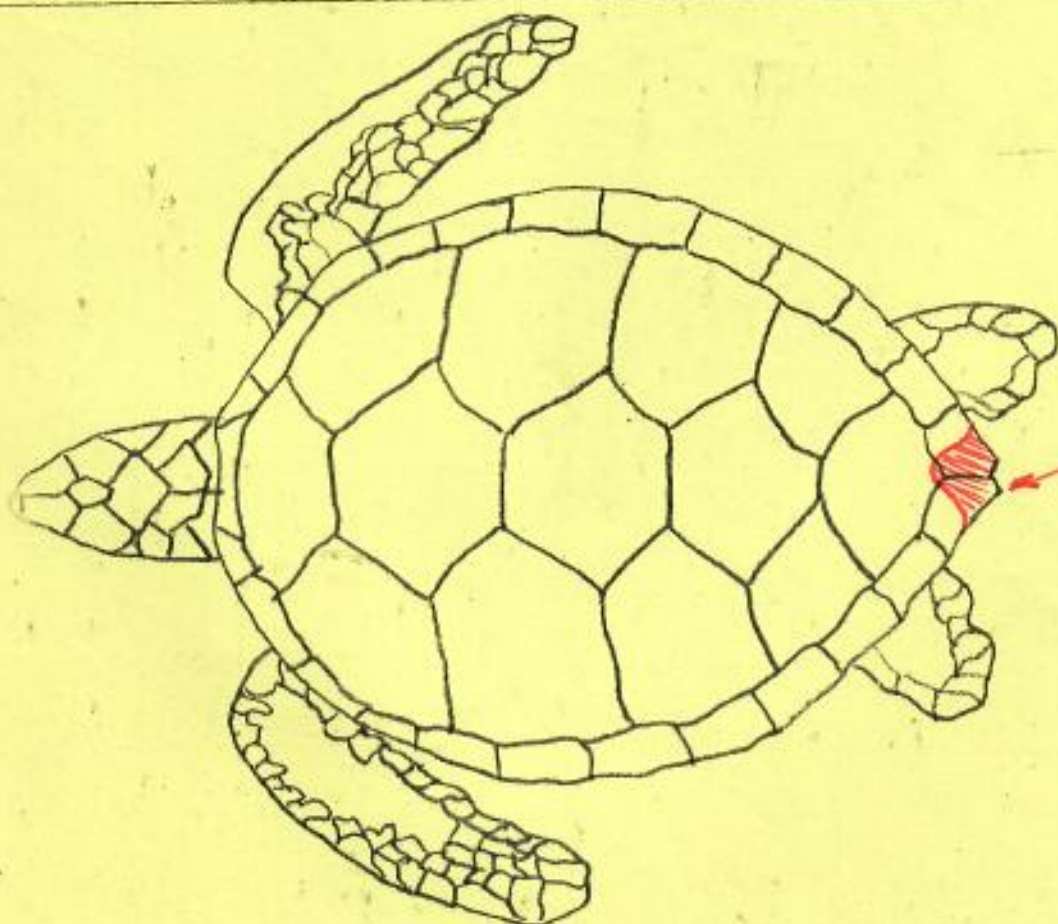
Location Caught: Kawela, Molokai

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

Location Caught: ½ mile west of house, Palaau, Molokai

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>
<u>1*</u>	<u>53.5(50.0)</u>	<u>48.0(41.0)</u>	<u>7305</u>	<u>7306</u>
<u>2</u>	<u>81.0(75.5)</u>	<u>74.5(61.0)</u>	<u>8824</u>	<u>8825</u>
<u>3</u>	<u>70.0(65.0)</u>	<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.

Remarks: 252 turtles tagged to date with 21 recoveries.

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

Date Tagged: May 8, 1985

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

Method of Capture: nets

<u>Number</u>	<u>Curved Length(cm)</u>	<u>Curved Width XXXXX (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<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.

Remarks: Released at Kaunakakai Dock. ~~25~~ 250 turtles tagged to date with 20 recoveries.

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

Date Tagged: May 7, 1985

Location Caught: ½ mile west of Biomass plant, Palaau, Molokai

Method of Capture: Nets

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

NOTE: Straight measurements in parenthesis.

1* This is a recapture from 5-16-84 which was also tagged in this same general area.

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

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

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

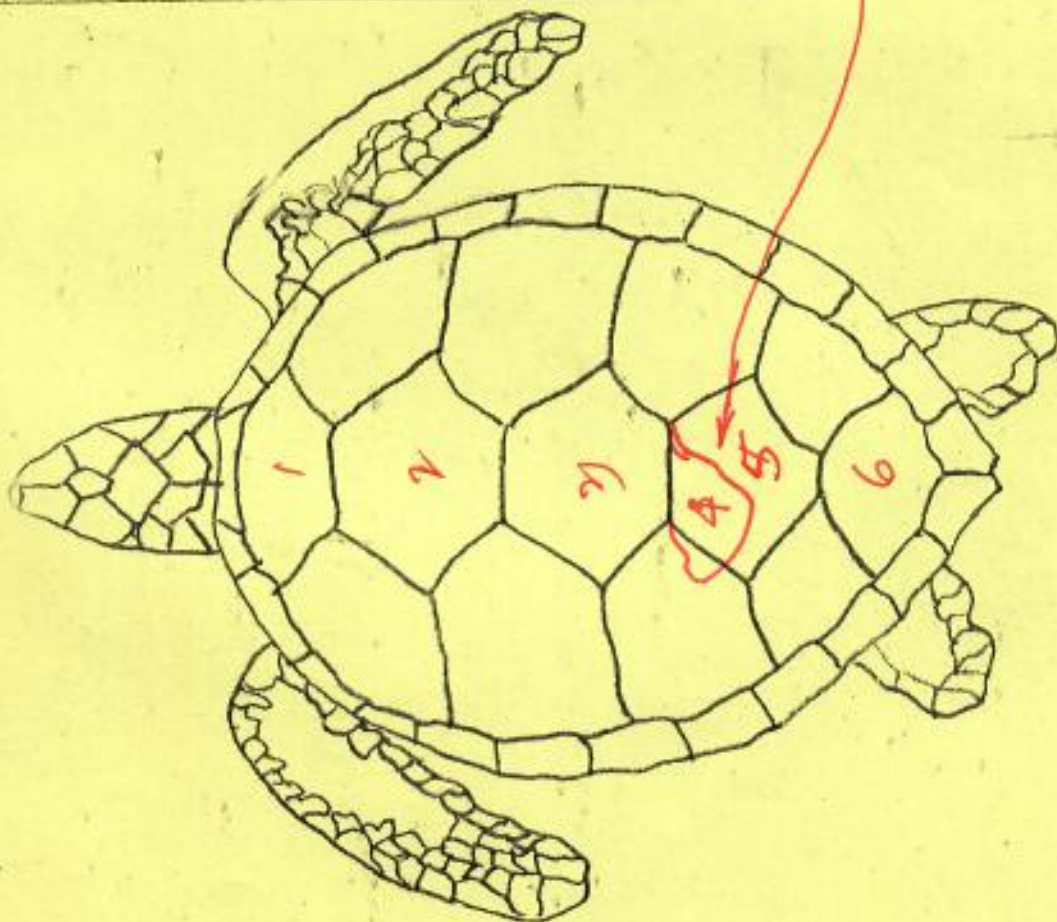
Location Caught: ½ mile west of biomass plant, Palaau, Molokai

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

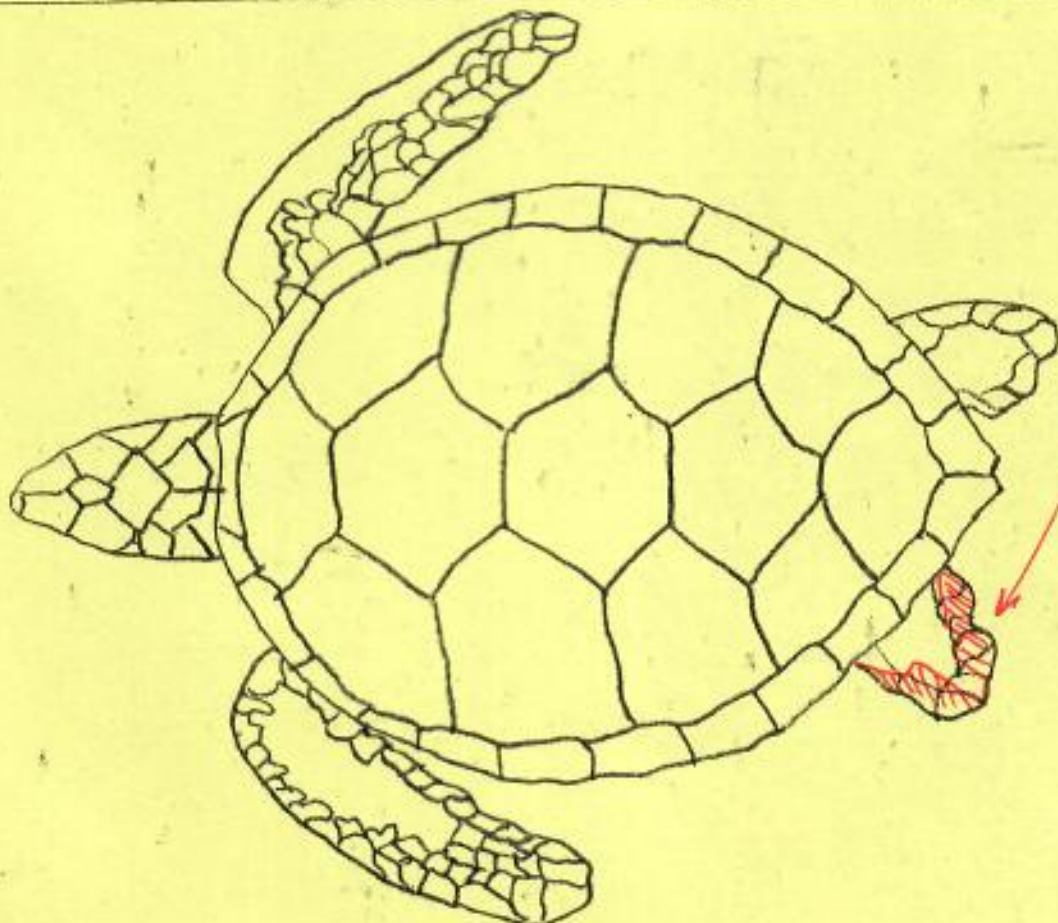
Location Caught: ½ mile west of biomass plant, Palalau, Molokai

Location Released: same as above

Curved Length: 43.5(41.5)

Curved Width: 39.0(33.5)

Comments: left rear flipper deformed



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

Date Tagged: April 11, 1985

Location Caught: Just outside Pakanaka 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>
<u>1</u>	<u>83.0 (77.0)</u>	<u>72.5 (58.0)</u>	<u>7867</u>	<u>7868</u>
<u>2.</u>	<u>76.0 (71.5)</u>	<u>71.0 (56.0)</u>	<u>7869</u>	<u>7870</u>
<u>3</u>	<u>43.5 (41.0)</u>	<u>39.5 (33.0)</u>	<u>7871</u>	<u>7872</u>
<u>4</u>	<u>56.0 (52.5)</u>	<u>49.5 (41.5)</u>	<u>7873</u>	<u>7874</u>
<u>5</u>	<u>61.0 (56.5)</u>	<u>53.0 (44.5)</u>	<u>7875</u>	<u>7926</u>
<u>6</u>	<u>66.0 (60.5)</u>	<u>56.5 (45.5)</u>	<u>7927</u>	<u>7928</u>
<u>7</u>	<u>74.0 (63.0)</u>	<u>64.0 (58.0)</u>	<u>7929</u>	<u>7930</u>
<u>8</u>	<u>70.0 (64.0)</u>	<u>62.5 (49.5)</u>	<u>7931</u>	<u>7932</u>
<u>9</u>	<u>49.0 (46.0)</u>	<u>43.0 (35.0)</u>	<u>7933</u>	<u>7934</u>
<u>10</u>	<u>61.0 (57.5)</u>	<u>53.5 (45.5)</u>	<u>7935</u>	<u>7936</u>
<u>11</u>	<u>61.5 (57.5)</u>	<u>52.0 (44.5)</u>	<u>7937</u>	<u>7938</u>
<u>12</u>	<u>64.0 (59.5)</u>	<u>56.0 (47.0)</u>	<u>7939</u>	<u>7940</u>

J.V.-85

George,

Start the data for 15 additional turtles tagged during April which you don't have. All were from Ed. M.

(BN)

NOTE: Straight measurements in parenthesis.

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

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

Date Tagged: April 3, 1985

Location Caught: Palaau

Method of Capture: Nets

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Width Measurment (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<u>1</u>	<u>46.0(43.5)</u>	<u>41.0(35.5)</u>	<u>7863</u>	<u>7864</u>
<u>2</u>	<u>39.0(37.0)</u>	<u>38.0(32.5)</u>	<u>7865</u>	<u>7866</u>

Remarks: Released at K'Kai Dock same day. 186 turtles tagged to date with 15 recoveries.

***** 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</u> XXXXXX <u>(cm)</u>	<u>Tag Number On</u> <u>Left Front</u> <u>Flipper</u>	<u>Tag Number On</u> <u>Right Front</u> <u>Flipper</u>
<u>1</u>	<u>48.0(45.0)</u>	<u>41.5(36.5)</u>	<u>8812</u>	<u>8813</u>

Note: Straight measurements in parenthesis

+ Released at Kawela

Remarks: 245 turtles tagged to date with 19 recoveries

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

Date Tagged: Oct. 7, 1984

Location Caught: Kawela

Method of Capture: Fisherman's nets

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

Note: Straight measurements in parenthesis.

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

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

Date Tagged: 10-7-84
 left f/f right f/f
Tag Number : 7851 7852
 _____ _____

Location Caught: Kawela

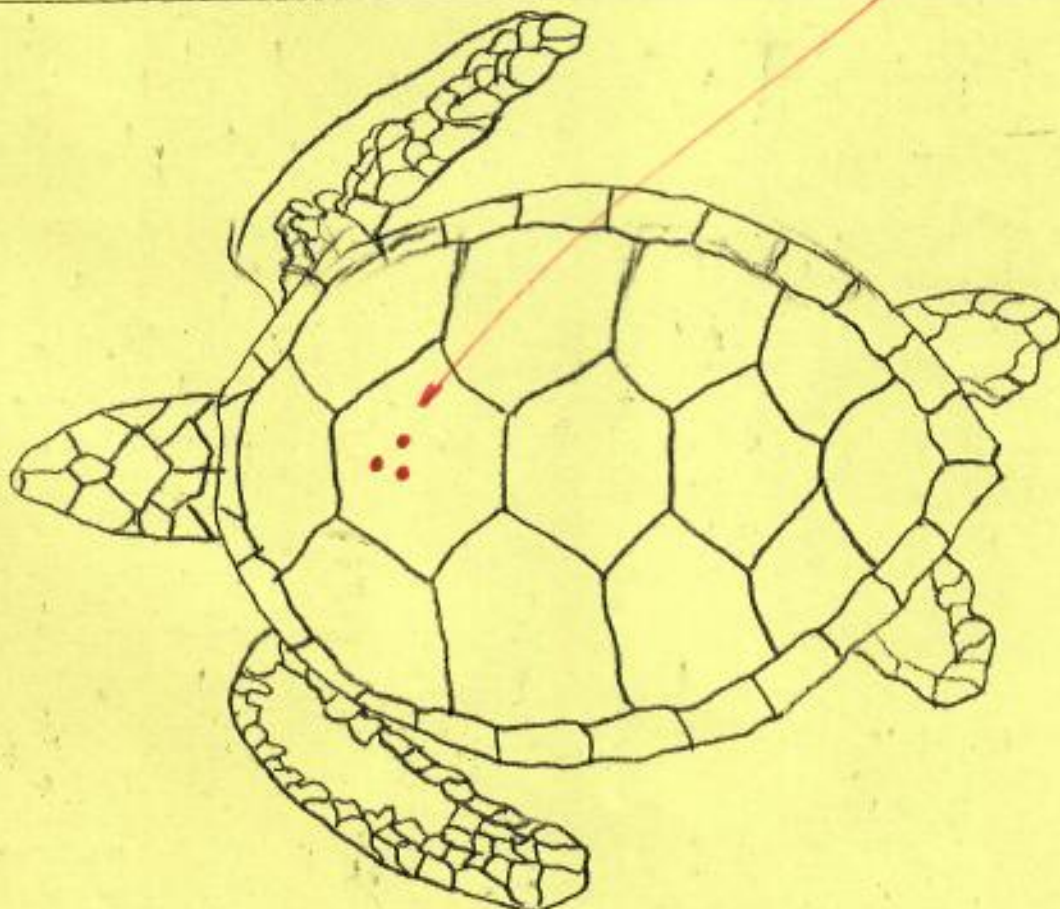
Location Released: Kawela

Curved Length: 72.0 cm (66.5 cm)

Straight measurements
in parenthesis

Curved Width: 62.5 cm (52.5 cm)

Comments: _____
 3 prong spear wound on top of shell.



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

Date Tagged: 10-17-84

Location Caught: Kawela, outside Kawia fishpond

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>1</u>	<u>49.5(45.5)</u>	<u>42.0(36.0)</u>	<u>7853</u>	<u>7854</u>

Note: straight measurements in parenthesis

Remarks: 180 turtles tagged with 15 recoveries to date.

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

Date Tagged: 10-18-84

Location Caught: Kawela, outside Kawia fishpond

Method of Capture: fisherman's nets

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

Note: straight measurements in parenthesis.

Remarks: 181 turtles tagged to date with 15 recoveries.

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

Date Tagged: 10-20-84

Location Caught: Kamalo, outside Kanukuawa fishpond

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>1</u>	<u>58.0(54.5)</u>	<u>52.0(44.5)</u>	<u>7859</u>	<u>7860</u>

Note: straight measurements in parenthesis

Remarks: 182 turtles tagged to date with 15 recoveries.

* * * * * 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>Curvedwidth XXXXXXXX (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<u>1</u>	<u>39.5</u>	<u>36.0</u>	<u>7861</u>	<u>7862</u>

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

Remarks: 184 turtles tagged to date with 15 recoveries.

June 8, 1984

George,

Enclosed are the tagging data for the month of May. During the month we tagged 25 new turtles and recovered 2 previously tagged.

I finally got around to looking up the missing recovery data you requested. Sorry it has taken so long. As time passes by, I find more and more things to do...which is the way I want it as it keeps be on the go. In any case, the missing two recovery data is enclosed as "missing 2". The other enclosure is a copy of an original tagging sheet for another recovery you couldn't find.

I got the tags you sent. Sorry the damn things caused you so much grief with your boss. Really, I didn't complained to him...but now that I had a chance to think things over, I may have been too flippant in my remarks. I think that's an idiosyncrasy of having to live on Molokai. You get to know everyone on the island pretty good, everyone's buddy-buddy with each other, etc. and therefore sometimes you forget that there are assholes in the world and you become too careless in your remarks. You know what I mean? In any case, I'm sorry if it cause you any discomfort.

Bill

Bill

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

Date Tagged: May 5, 1984

Location Caught: ½ 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)		
<u>1*</u>	<u>83.0(79.5)</u>	<u>78.5(62.5)</u>	<u>6731</u>	<u>6732</u>
<u>2</u>	<u>88.0(82.5)</u>	<u>80.0(64.5)</u>	<u>6733</u>	<u>6734</u>
<u>3</u>	<u>74.0(69.5)</u>	<u>63.5(52.5)</u>	<u>6735</u>	<u>6736</u>
<u>4</u>	<u>69.5(65.0)</u>	<u>63.5(53.5)</u>	<u>6737</u>	<u>6738</u>
<u>5</u>	<u>48.0(44.5)</u>	<u>43.0(37.5)</u>	<u>6739</u>	<u>6740</u>
<u>6</u>	<u>43.9(40.0)</u>	<u>39.0(33.0)</u>	<u>6741</u>	<u>6742</u>
<u>7**</u>	<u>47.0(43.5)</u>	<u>40.5(35.5)</u>	<u>6743</u>	<u>6744</u>
<u>8</u>	<u>43.0(40.5)</u>	<u>38.0(33.5)</u>	<u>6745</u>	<u>6746</u>
<u>9***</u>	<u>53.5(51.0)</u>	<u>46.0(39.0)</u>	<u>6747</u>	<u>6748</u>
<u>10</u>	<u>43.5(40.5)</u>	<u>38.5(33.0)</u>	<u>6749</u>	<u>6750</u>

1* See attached sheet #1.

7** See attached sheet #2

9*** See attached sheet #3

Remarks: 163 turtles tagged to date with 12 recoveries.
2 more turtles were in the bag today but not tagged
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

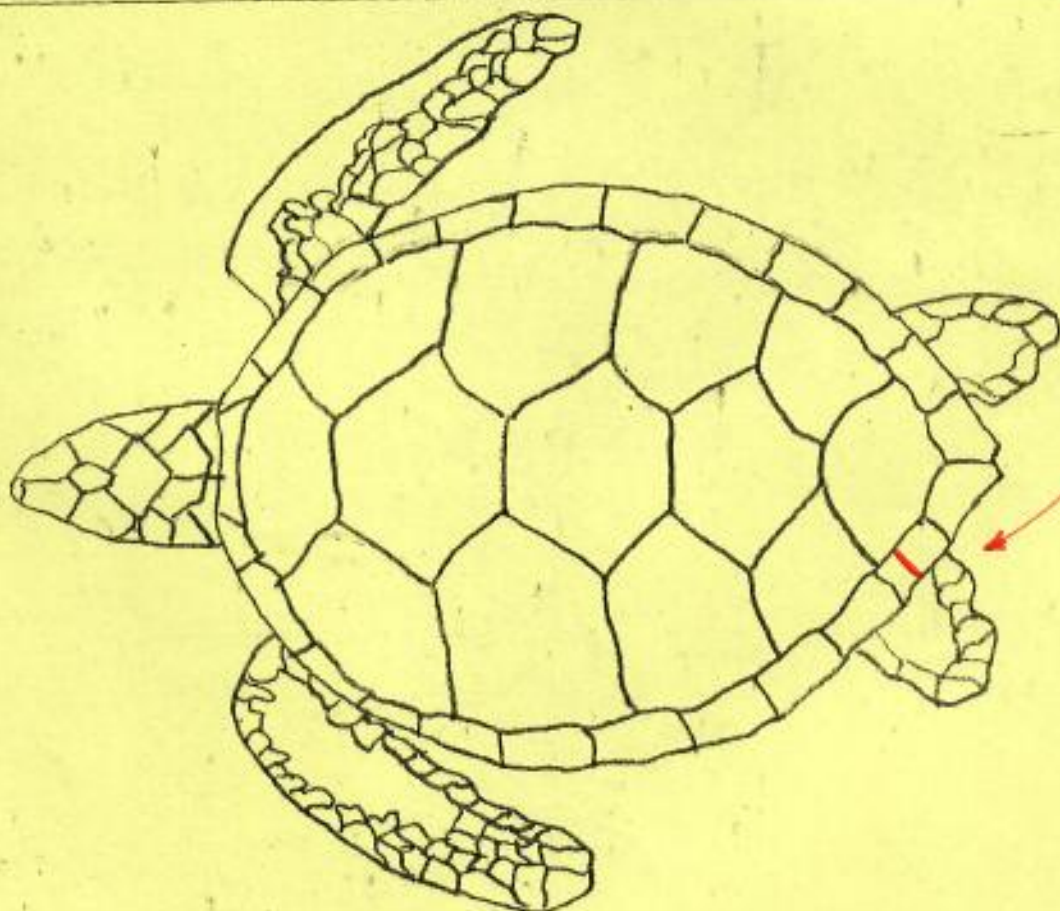
Location Caught: ½ mile east of Kolo Wharf

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

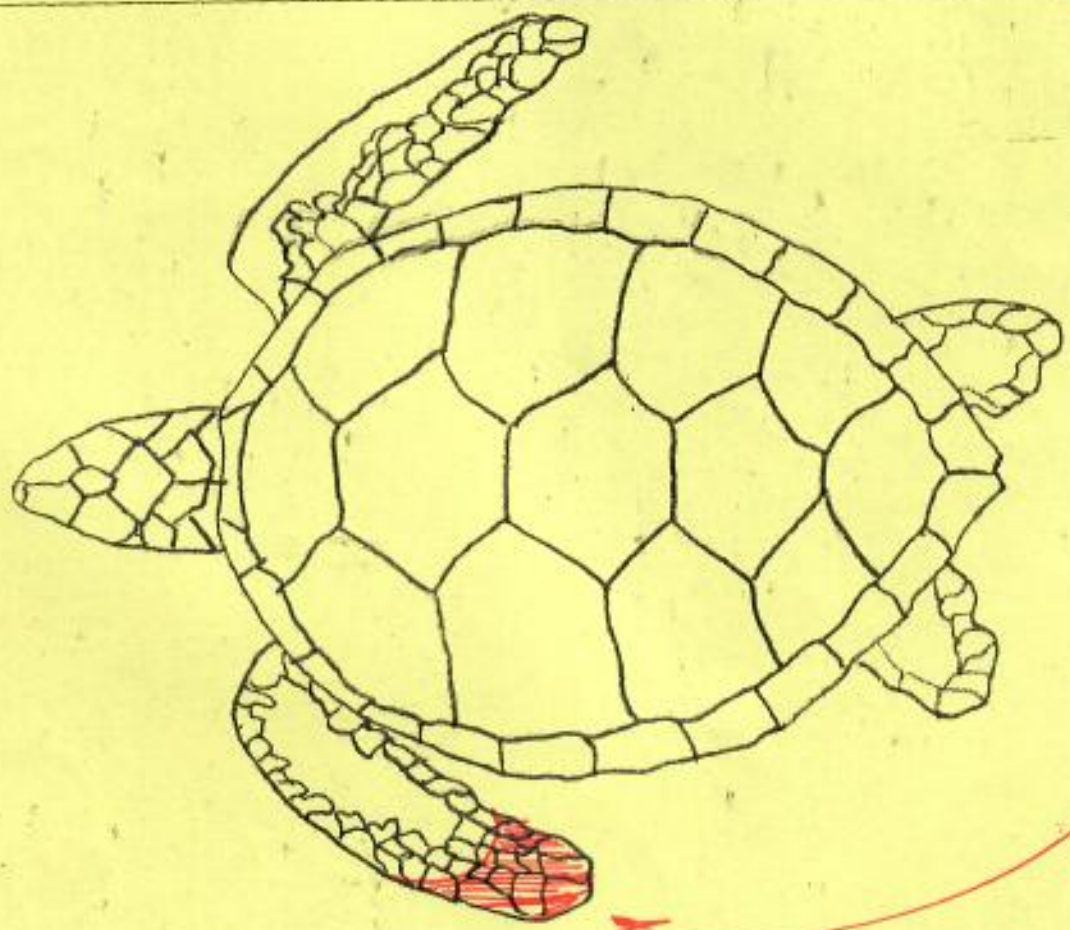
Location Caught: 1/2 mile east of Kolo Wharf

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

left f/f right f/f

Tag Number : 6747 6748

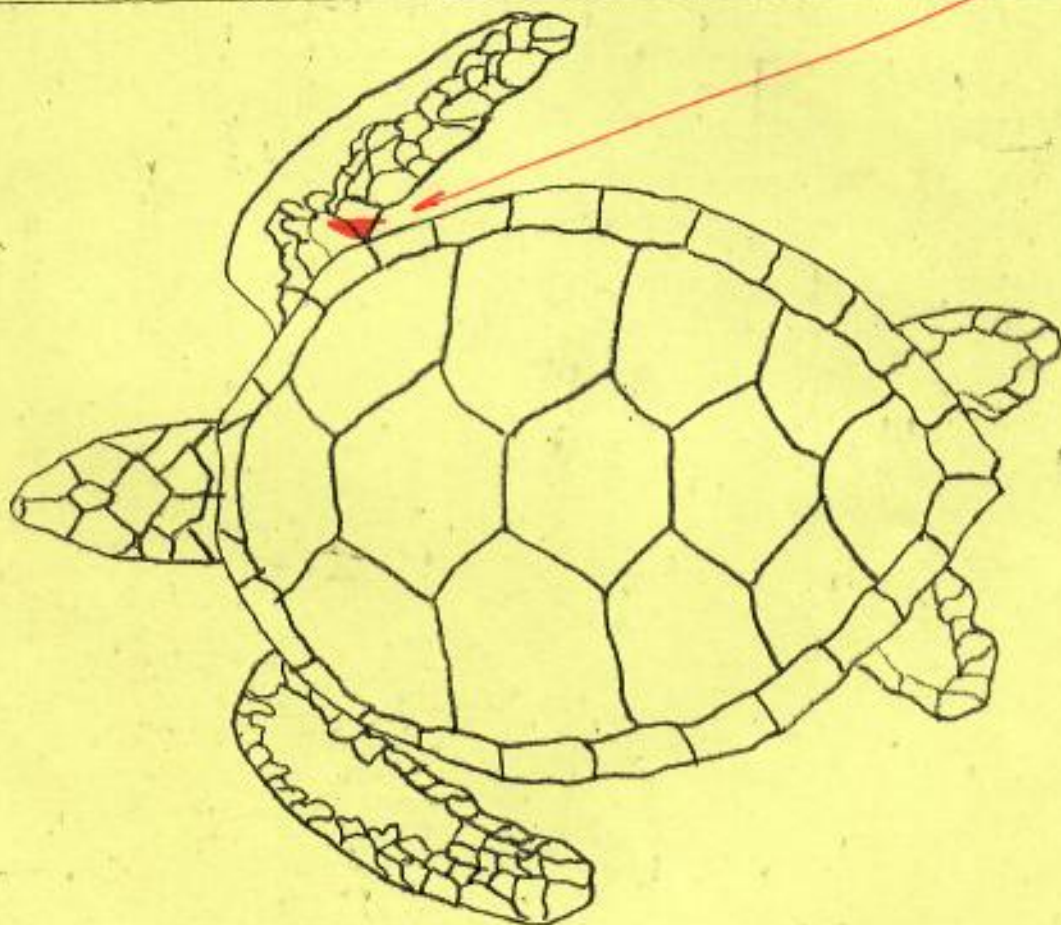
Location Caught: ½ mile east of Kolo Wharf

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: May 9, 1984

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

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>
<u>1</u>	<u>77.0 (71.0)</u>	<u>71.5 (57.5)</u>	<u>7225</u>	<u>7226</u>
<u>2</u>	<u>47.5 (44.5)</u>	<u>42.0 (35.5)</u>	<u>7227</u>	<u>7228</u>

NOTE: Straight measurements in parenthesis.

Remarks: 165 turtles tagged to date with 12 recoveries.

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

Date Tagged: May 10, 1984

Location Caught: Palaau, just outside Biomass plant

Method of Capture: Nets

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

NOTE: Straight measurements in parenthesis.

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

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

Date Tagged: 5-10-84
left f/f right f/f
Tag Number : 7229 7230

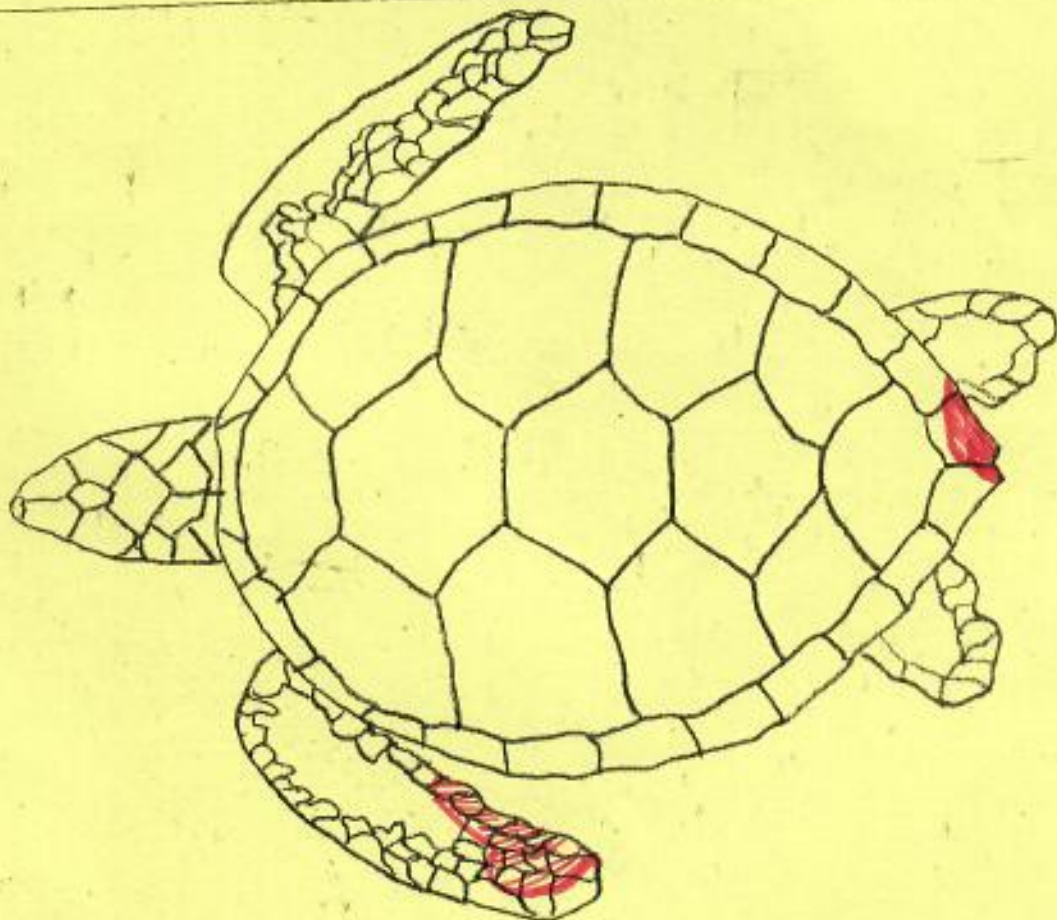
Location Caught: Palaaau, outside biomass plant

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 11, 1984

Location Caught: Palaaau, outside biomass plant

Method of Capture: Nets

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Width XXXXX (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<u>1</u>	<u>48.0(45.5)</u>	<u>42.5(37.0)</u>	<u>7237</u>	<u>7238</u>
	<u>Straight measurements in parenthesis.</u>			

Remarks: 170 turtles tagged to date with 12 recoveries.

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

Date Tagged: May 16, 1984

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

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>
<u>1</u>	<u>42.0 (40.0)</u>	<u>39.0 (33.0)</u>	<u>7239</u>	<u></u>
<u>2</u>	<u>49.0 (46.5)</u>	<u>42.5 (36.5)</u>	<u>7240</u>	<u></u>
<u>3</u>	<u>44.5 (42.5)</u>	<u>40.0 (36.5)</u>	<u>7241</u>	<u></u>
<u>4</u>	<u>73.5 (68.5)</u>	<u>67.0 (53.5)</u>	<u>7242</u>	<u>7249</u>
<u>5</u>	<u>52.5 (48.5)</u>	<u>45.0 (38.0)</u>	<u>7243</u>	<u></u>
<u>6</u>	<u>81.0 (73.5)</u>	<u>75.0 (58.0)</u>	<u>7244</u>	<u>7245</u>
<u>7</u>	<u>79.0 (73.5)</u>	<u>73.0 (60.0)</u>	<u>7246</u>	<u>7247</u>
<u>8</u>	<u>64.0 (59.5)</u>	<u>57.5 (46.5)</u>	<u>7248</u>	<u>7249</u>

RECOVERYRECOVERY***RECOVERY

<u>9</u>	<u>82.0 (76.5)</u>	<u>71.5 (60.0)</u>	<u>6465</u>	<u>6466</u>
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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.

RECOVERY*RECOVERY***RECOVERY

<u>10</u>	<u>64.0 (59.5)</u>	<u>57.0 (48.5)</u>	<u>7329</u>	<u>7330</u>
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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.

There were no appreciable changes in the width measurements.

Remarks: 178 turtles tagged to date with 14 recoveries.

5-10-84

Bill - In summarizing
some of your Molokai tag data,
I find that you list 2 more
recoveries than I am able to
locate. This started on ~ 7/8/83 -
you list "99 taggings, 6 recoveries" I
only find 4. You are continually 2
ahead, from that date forward. I must
be missing some tag data sheets. Here
are the recoveries I have found.

1.) 6432, 6430, 6435, 6586

2.) 6426, 27

3.) 6426, 27 again

4.) 6584, 85

5.) 6402, 03, 04

6.) 6453, 54 - (can't find orig,
tagging - Oct-Nov 83?)

7.) 7335, 36

8.) 6650, 7276

TAKE IT EASY!

(over)

The other "2" are
enclosed as
"Missing 2"

I made a copy
& it is attached.

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

Date Tagged: February 11, 1984

Location Caught: Palauy, Outside of 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>
<u>1</u>	<u>68.0(64.0)</u>	<u>59.0(51.0)</u>	<u>7333</u>	<u>7334</u>
<u>2</u>	<u>55.0(52.5)</u>	<u>49.5(41.5)</u>	<u>7335</u>	<u>7336</u>
<u>3</u>	<u>67.5(63.5)</u>	<u>62.0(52.0)</u>	<u>7337</u>	<u>7338</u>
<u>4</u>	<u>50.0(46.5)</u>	<u>45.0(38.0)</u>	<u>7339</u>	<u>7340</u>

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

<u>5</u>	<u>76.5(71.5)</u>	<u>72.0(57.5)</u>	<u>6453</u>	<u>6454</u>
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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 1½ cm and the increase in curved width was 1.0 cm.

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: Mar. 19, 1952

Location Caught: Just west of Kulsau house on Pt. Hea, Kahana Pt.

Method of Capture: Medusa nets

Number	Curved Length (cm)	Curved Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
1	62½	55	6533	6534
2	59	52½	6535	6536
3*	66	62	6537	6538
4	40½	38½	6539	6540
5*	46	41	6541	6542
6**	72	63	6543	6544
7	58	48½	6545	6546
8	47½	41½	6547	6548
9	83½	75½	6549	6550
10	79	72½	6451	6452
11	75	71	6453	6454
12	73	64	6455	6456
13	69	59	6457	6458
14	76	67	6459	6460
15	68½	61	6461	6462
16	58	53	6463	6464
17*	79½	69½	6465	6466
18	56½	51	6467	6468

Remarks: * SEE ATTACHED SHEETS 1, 2, & 3

** Exceptionally heavy bodied

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

Date Tagged: Oct. 20, 1982

Location Caught: Just west of Palasa House on pili (same place) yesterday

Method of Capture: C. Medina's nets

Number	Curved Length (mm)	Curved Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
1	77	73½	6469	6470
2*	70	64½	none	6471
3	75	66	none	6472
4	63½	57½	none	6473
5	73½	64½	none	6474
6*	77	65	none	6475
7***	61	52	6551	6552
8**	53	48	6446	6390
			↑ missing	1 of 2

*** Released at Kaunakakai Dock same day.

Remarks: * SEE ATTACHED SHEETS # 1 & #2

* * RECOVERY FROM 9/3/82 !!!!

Sept. 7, 1982

George,

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
1.	44	39.5	6450	6449	- 0 -
2.	62	53.5	6448	6447	- 0 -
3.	53	48	6446	6390	- 0 -
4.	55	47	6391	6392	- 00-
5.	56	49	6393	6394	- 0 -
6.	57	48.5	6395	6396	- 0 -
7.	57.5	51.5	6397	6398	- 0 -
8.	70.5	61.5	6399	6400	6401
9.	70.5	60.5	6402	6403	6404
10.	74.5	63	6405	6406	6407
11.	72.5	63.5	6408	6409	6410
12.	74	63	6411	6412	6413
13.	66.5	59.5	6414	6415	6416
14.	72.5	64	6417	6418	6419
15.	63	55.5	6420	6421	6422
16.	74	60.5	6423	6424	6425

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

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.

Until then,

Bill
Bill

2 1/2 yrs ago

at
Whole Skale Island,
French Frigate
Shoals

missing 2 of 2

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

Date Tagged: 4-4-84

Location Caught: 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>1</u>	<u>46.0 (44.0)</u>	<u>41.0 (35.0)</u>	<u>6678</u>	<u>6679</u>
<u>2</u>	<u>46.0 (44.0)</u>	<u>41.0 (35.5)</u>	<u>6680</u>	<u>6681</u>
<u>3*</u>	<u>43.0 (40.5)</u>	<u>38.0 (33.0)</u>	<u>6682</u>	<u>6683</u>
<u>4</u>	<u>41.5 (39.5)</u>	<u>36.5 (32.0)</u>	<u>6684</u>	<u>6685</u>

Note: Straight measurements in parenthesis.

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: Palaaau

Location Released: Same as above

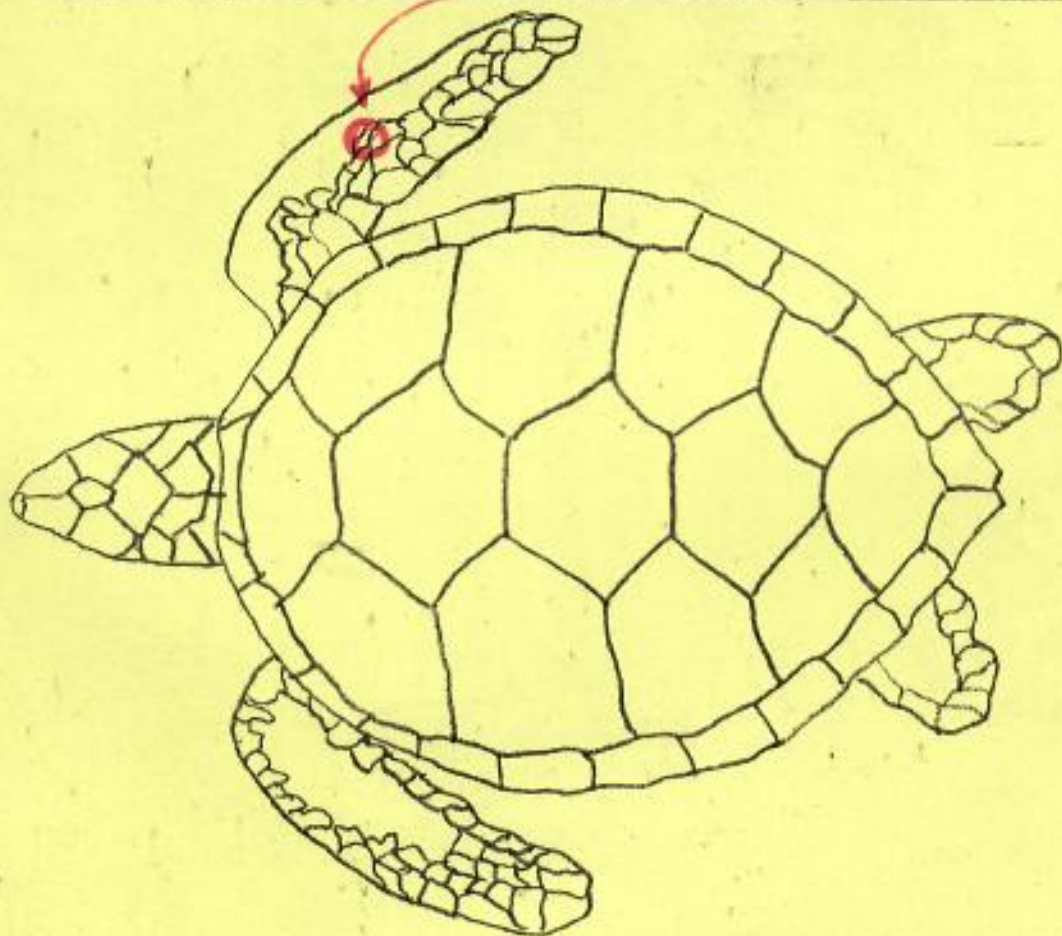
Curved Length: 43.0(40.5) cm

Curved Width: 38.0(33.0) cm

Note: straight measurements in
parenthesis

Comments: _____

Hole in right front flipper.



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

Date Tagged: 4-12-84

Location Caught: Kakahaia Fishpond

Method of Capture: Nets (released same area)

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

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.

Remarks: 143 turtles tagged to date with 10 recoveries.

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

Date Tagged: 4-13-84

Location Caught: Kakahaia Fishpond (Released same area)

Method of Capture: Nets

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

*Note: This is a recovery! This animal was first tagged 40 weeks ago approximately 1½ miles east of this site. Since then it has increased in sizes as follows:

(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.

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

Date Tagged: April 14, 1984

Location Caught: Kanukuawa Fishpond (released same area)

Method of Capture: Nets

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

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

Note: Turtles 2 & 3 were females.

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

Tag numbers were: (1) 6686 & 6687

(2) 6644 & 6645

Remarks: 148 turtles tagged to date with 11 recoveries.

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

Date Tagged: April 14, 1984

left f/f right f/f

Tag Number : 6692 6693

Location Caught: Kanukuawa Fishpond

Location Released: Same area.

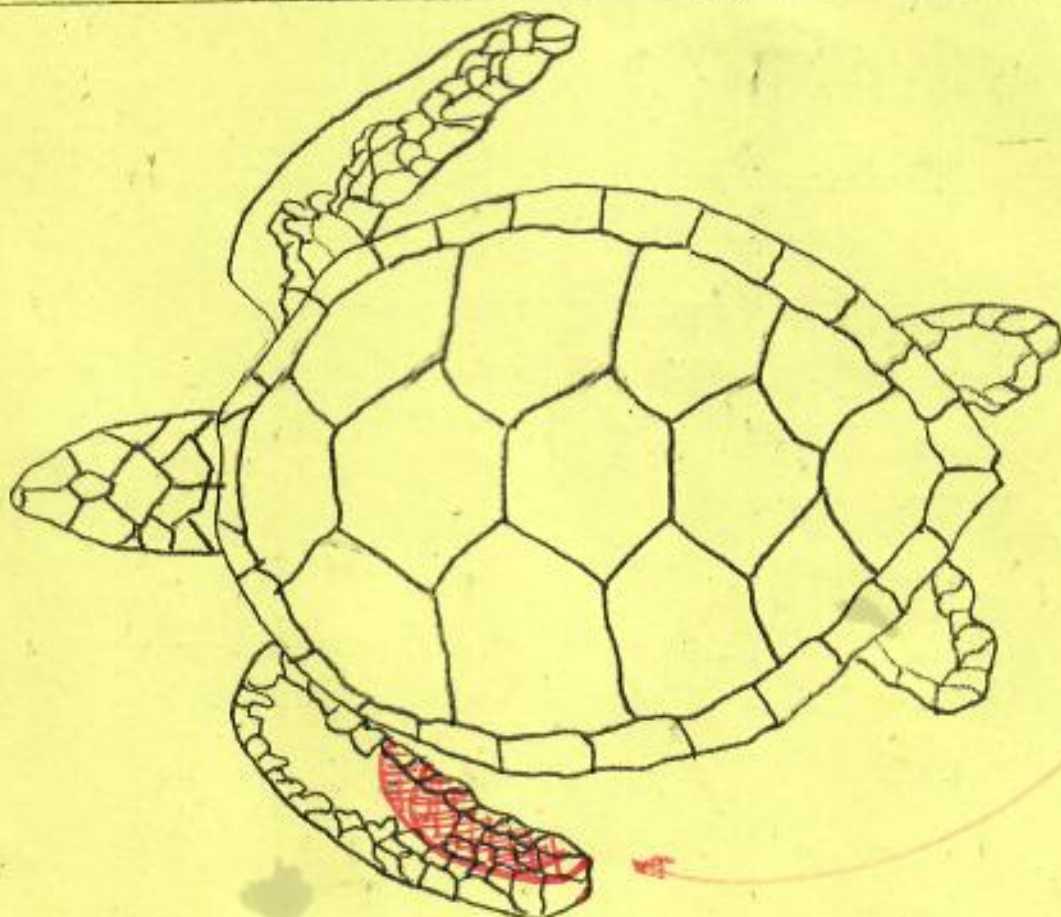
Curved Length: 86.5 (80.5) cm

Curved Width: 81.0 (65.5) cm

Straight measurements
in parenthesis.

Comments: _____

Left front flipper deformed. Healed over completely.



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

Date Tagged: 4-25-84

Location Caught: Palaau, just 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>
<u>1</u>	<u>63.5(58.5)</u>	<u>56.5(47.5)</u>	<u>6696</u>	<u>6697</u>
<u>2</u>	<u>51.0(48.0)</u>	<u>45.0(40.0)</u>	<u>6698</u>	<u>6699</u>
<u>3*</u>	<u>44.5(41.5)</u>	<u>41.0(34.5)</u>	<u>6599</u>	<u>6600</u>

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

- (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.

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: 4-26-84

Location Caught: Palaaau, Just outside the biomass plant

Method of Capture: nets

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

Straight measurements in parenthesis.

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

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

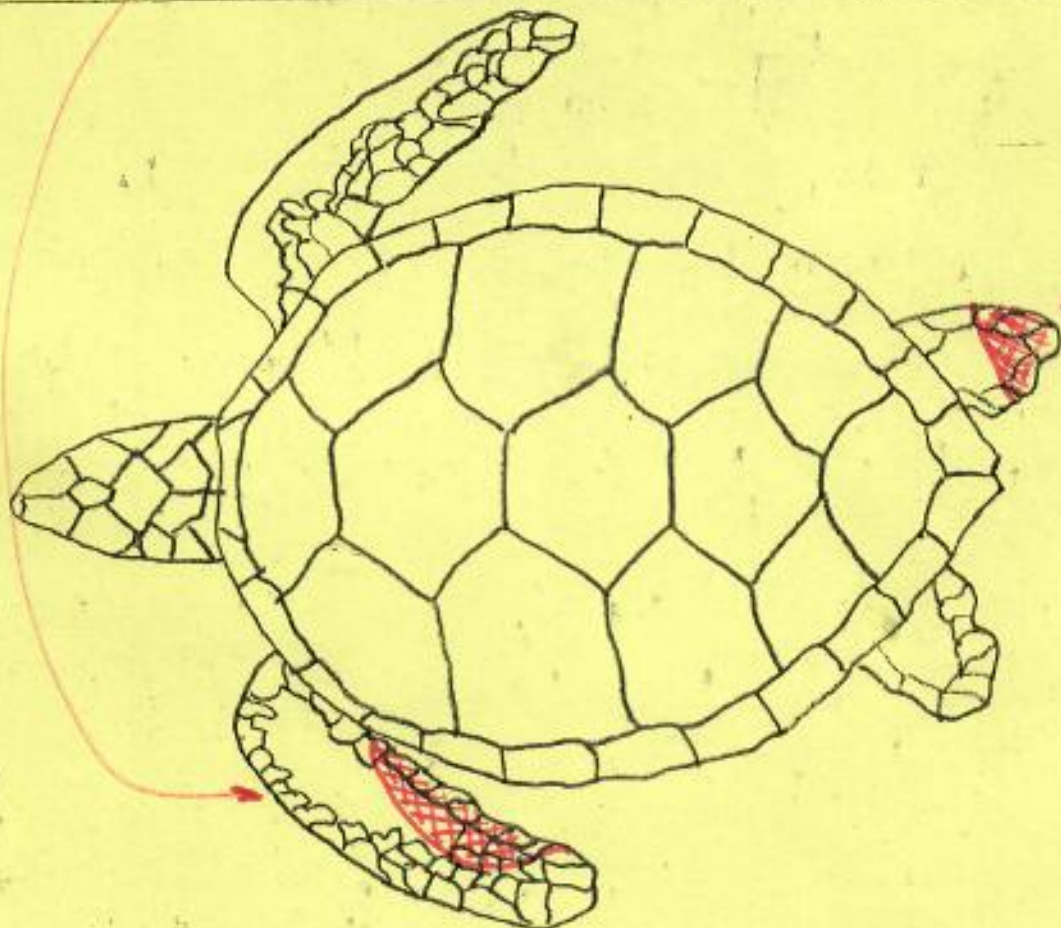
Date Tagged: 4-26-84
left f/f right f/f
Tag Number : 6700 6726

Location Caught: Palaau, 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 * * * * *

Recovered
Date ~~XXXXXX~~ March 24, 1984

Location Caught: Palaau (Just east of house on reef)

Method of Capture: Nets

<u>Number</u>	<u>Curved Length (inches)</u>	<u>Curved Width (mm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
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RECOVERYRECOVERY***RECOVERY***RECOVERY***RECOVERY***RECOVERY***RECOVERY

<u>1</u>	<u>21½"</u>	<u>19½"</u>	<u>7335</u>	<u>7336</u>
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Note: This recapture indicates that this animal had returned to the initial site of tagging even though it had been released two miles away at Kaunakakai dock.

Remarks: This animal was originally tagged 6 weeks ago on 2/11/84.

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

Date Tagged: Jan. 5, 1984

Location Caught: Palaau

Method of Capture: Nets

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Width</u> <u>XXXXXX</u> <u>(cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<u>1</u>	<u>44.5</u>	<u>38.0</u>	<u>7301</u>	<u>7302</u>
	<u>42.0</u>	<u>34.0</u>		
	← <u>straight measurements</u> ←			

Remarks: _____

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

Date Tagged: Jan. 6, 1984

Location Caught: 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>
<u>1</u>	<u>43.0(40.0)</u>	<u>37.0(32.0)</u>	<u>7303</u>	<u>7304</u>
<u>2</u>	<u>50.0(47.0)</u>	<u>45.0(38.0)</u>	<u>7305</u>	<u>7306</u>
<u>3</u>	<u>51.0(48.5)</u>	<u>43.5(37.0)</u>	<u>7307</u>	<u>7308</u>
<u>4</u>	<u>53.0(50.0)</u>	<u>47.0(41.0)</u>	<u>7309</u>	<u>7310</u>

Remarks: These four turtles after tagging were released at KAWELA. Numbers in parenthesis are straight measurements.
118 turtles tagged to date with 6 recoveries.

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

Date Tagged: Jan. 17, 1984

Location Caught: Ualapue, Molokai

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>1*</u>	<u>75.0(69.5)</u>	<u>71.0(57.0)</u>	<u>7311</u>	<u>7312</u>
<u>2**</u>	<u>95.0(87.0)</u>	<u>92.0(71.0)</u>	<u>7313</u>	<u>7314</u>

NOTE: straight measurements in parenthesis!

Remarks: *See attached sheet #1
**See attached sheet #2; this animal was a female.
120 turtles tagged to date with 6 recoveries.

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

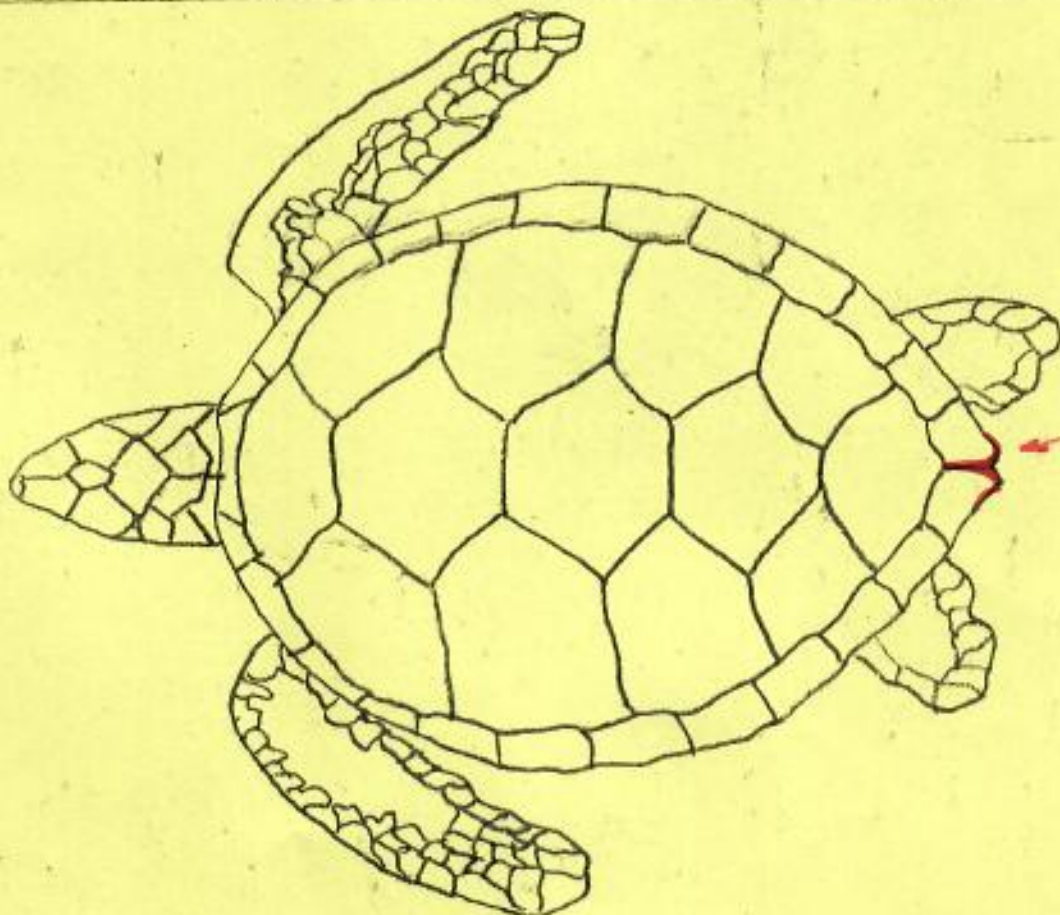
Date Tagged: 1/17/84
 left f/f right f/f
 Tag Number : 7311 7312
 _____ _____

Location Caught: Ualapue

Location Released: Kaunakakai Wharf

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

Comments: Pronounce split between rear scales above tail.



ATTACHED SHEET #2

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

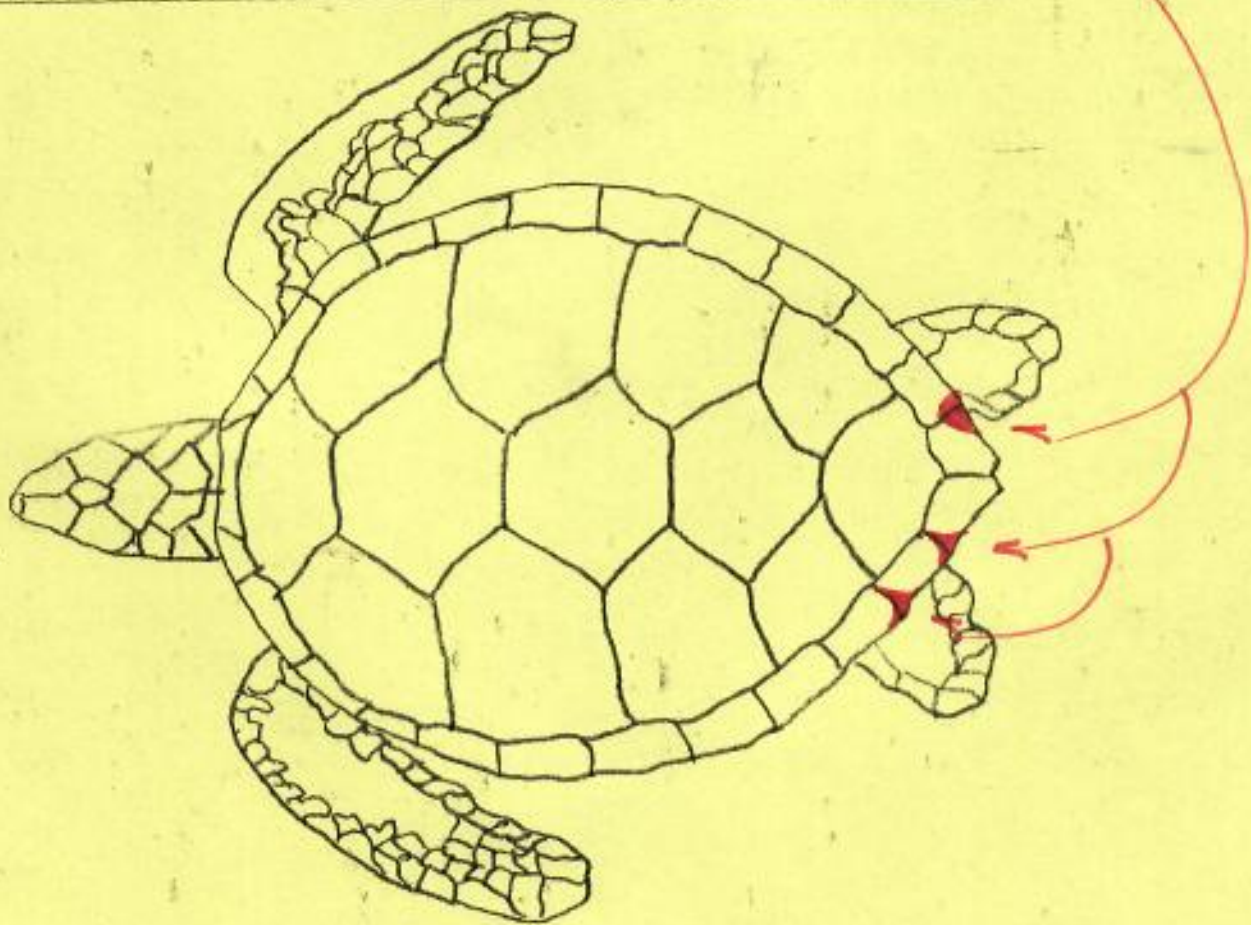
Date Tagged: 1/17/84
left f/f right f/f
Tag Number : 7313 7314

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.



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

Date Tagged: January 20, 1984

Location Caught: Kawela

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>
<u>1</u>	<u>45.0(42.0)</u>	<u>40.0(34.0)</u>	<u>7315</u>	<u>7316</u>
<u>2</u>	<u>43.0(41.0)</u>	<u>38.0(33.0)</u>	<u>7317</u>	<u>7318</u>

Remarks: Straight measurements are notated in parenthesis.
122 turtles tagged to date with 6 recoveries.

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

Date Tagged: Jan. 26, 1984

Location Caught: Kawela

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>1</u>	<u>41.5</u>	<u>39.5</u>	<u>7319</u>	<u>7320</u>
<u></u>	<u>39.5</u>	<u>35.0</u>	<u></u>	<u></u>
<u></u>	<u>straight</u>	<u>measurements</u>	<u></u>	<u></u>
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Remarks: Plastron completely white in color.
123 turtles tagged to date with 6 recoveries.
One more turtle seen in nets; right front flipper missing.

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

Date Tagged: January 28, 1984

Location Caught: Kawela

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>
<u>1</u>	<u>50.5(47.0)</u>	<u>42.0(36.5)</u>	<u>7321</u>	<u>7322</u>
<u>2</u>	<u>70.0(64.5)</u>	<u>59.0(51.0)</u>	<u>7323</u>	<u>7324</u>
<u>3</u>	<u>67.0(62.5)</u>	<u>60.0(49.0)</u>	<u>7325</u>	<u>7326</u>

Note: Straight measurements in parenthesis.

Remarks: 126 turtles tagged to date with 6 recoveries.

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

Date Tagged: February 7, 1984

Location Caught: Palaau (Released at K'kai Dock)

Method of Capture: Nets

Number	Curved Length (cm)	Curved Width Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
1	63.5	56.0	7327	7328
	59.5	48.5		
	straight measurements			

Remarks: 127 turtles tagged to date with 6 recoveries.

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

Date Tagged: February 8, 1984

Location Caught: Nets at Palaau, K'kai side of 1st harbor

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>1</u>	<u>63.5(59.0)</u>	<u>57.0(48.5)</u>	<u>7329</u>	<u>7330</u>

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

<u>2</u>	<u>72.0(67.5)</u>	<u>64.0(55.5)</u>	<u>6402</u>	<u>6403 & 6404</u>
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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.

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

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

Date Tagged: February 9, 1984

Location Caught: Palaaau

Method of Capture: Nets

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Width XXXXXXXX (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<u>1</u>	<u>85.5</u>	<u>83.0</u>	<u>7331</u>	<u>7332</u>
	<u>78.0</u>	<u>68.0</u>		
	<u>straight measurements</u>			

Remarks: Female. Very robust and in good shape. ~~XXXXXXXXXXXX~~
Released in same area. 129 turtles tagged to date with
7 recoveries.

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

Date Tagged: February 11, 1984

Location Caught: Palaaau, Outside of Biomass Plant

Method of Capture: Nets

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

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

<u>5</u>	<u>76.5(71.5)</u>	<u>72.0(57.5)</u>	<u>6453</u>	<u>6454</u>
----------	-------------------	-------------------	-------------	-------------

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 1½ cm and the increase in curved width was 1.0 cm.

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: Feb. 23, 1984

Location Caught: Outside Panahaha Fishpond (released same)

Method of Capture: Nets

Number	Curved Length (cm)	Curved Width LENGTH (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<u>1</u>	<u>73.0 (67.5)</u>	<u>64.5 (52.0)</u>	<u>7341</u>	<u>7342</u>
<u>2</u>	<u>62.5 (58.0)</u>	<u>58.0 (48.0)</u>	<u>7343</u>	<u>7344</u>
<u>3*</u>	<u>43.0 (40.5)</u>	<u>39.0 (36.0)</u>	<u>7345</u>	<u>7346</u>
<u>4</u>	<u>52.0 (48.5)</u>	<u>46.0 (38.0)</u>	<u>7347</u>	<u>7348</u>

Note: Straight measurements in paranthesis.

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

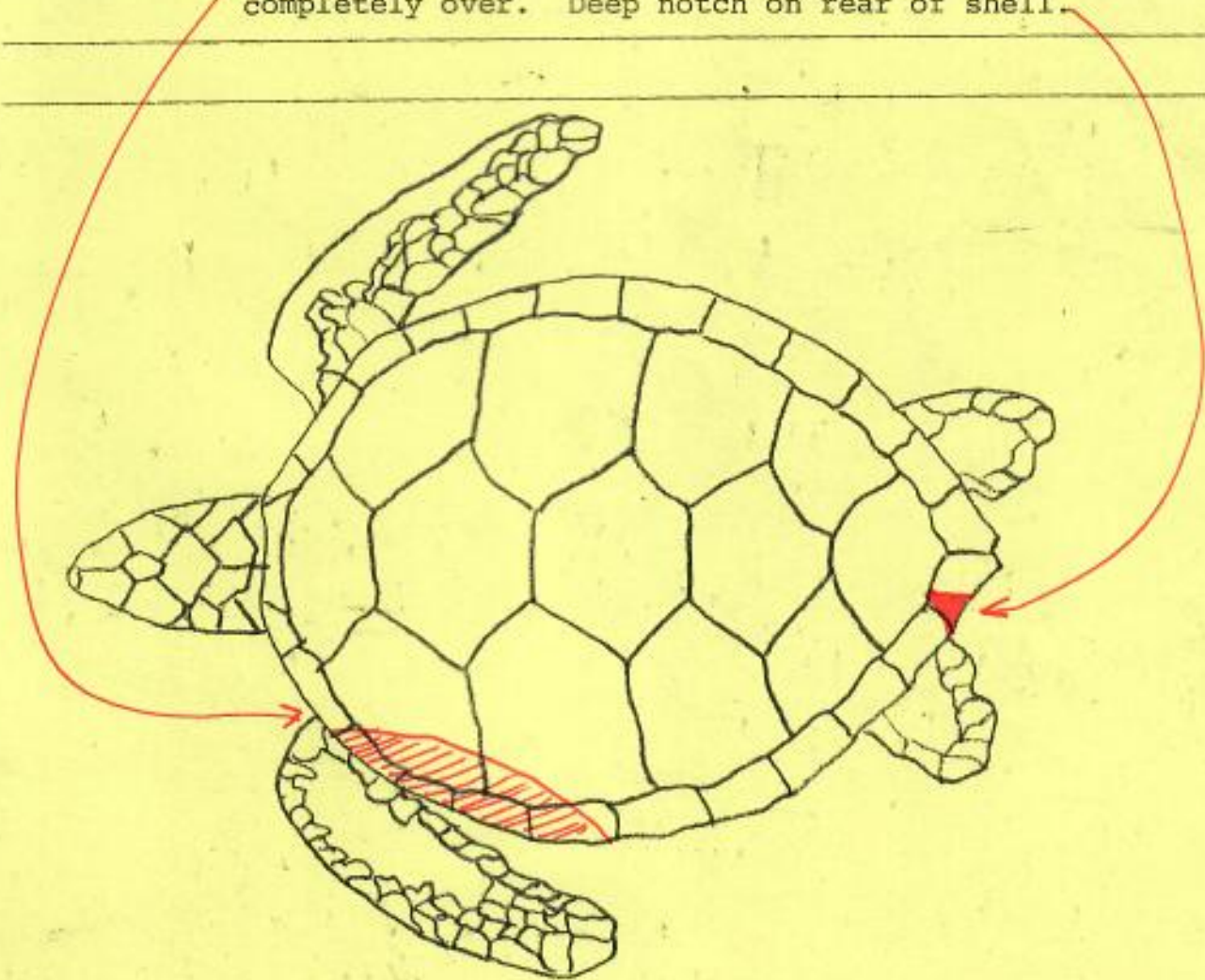
Location Caught: Outside Panahaha Fishpond

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.



P.S.

I now have
32 tape left...
enough for 16
more. Another
batch of tape
to avoid pushing?

George,

10/27

Tagged seven
more on 10/26.
Will send you
data as soon as
I can make more
Xerox copies of
forms.

Bill.

(over)

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

Date Tagged: Oct. 19, 1982

Location Caught: Just west of Palaau house on Pt. Lts., Kahanui Pt.

Method of Capture: Medeiros' nets

Number	Curved Length (cm)	Curved Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
1	62½	55	6533	6534
2	59	52½	6535	6536
3*	66	62	6537	6538
4	40½	38½	6539	6540
5*	46	41	6541	6542
6**	72	63	6543	6544
7	58	48½	6545	6546
8	47½	41½	6547	6548
9	83½	75½	6549	6550
10	79	72½	6451	6452
11	75	71	6453	6454
12	73	64	6455	6456
13	69	59	6457	6458
14	76	67	6459	6460
15	68½	61	6461	6462
16	58	53	6463	6464
17*	79½	69½	6465	6466
18	56½	51	6467	6468

Remarks: * SEE ATTACHED SHEETS 1, 2, & 3

** exceptionally heavy bodied.

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

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

Location Caught: Palaau, Molokai

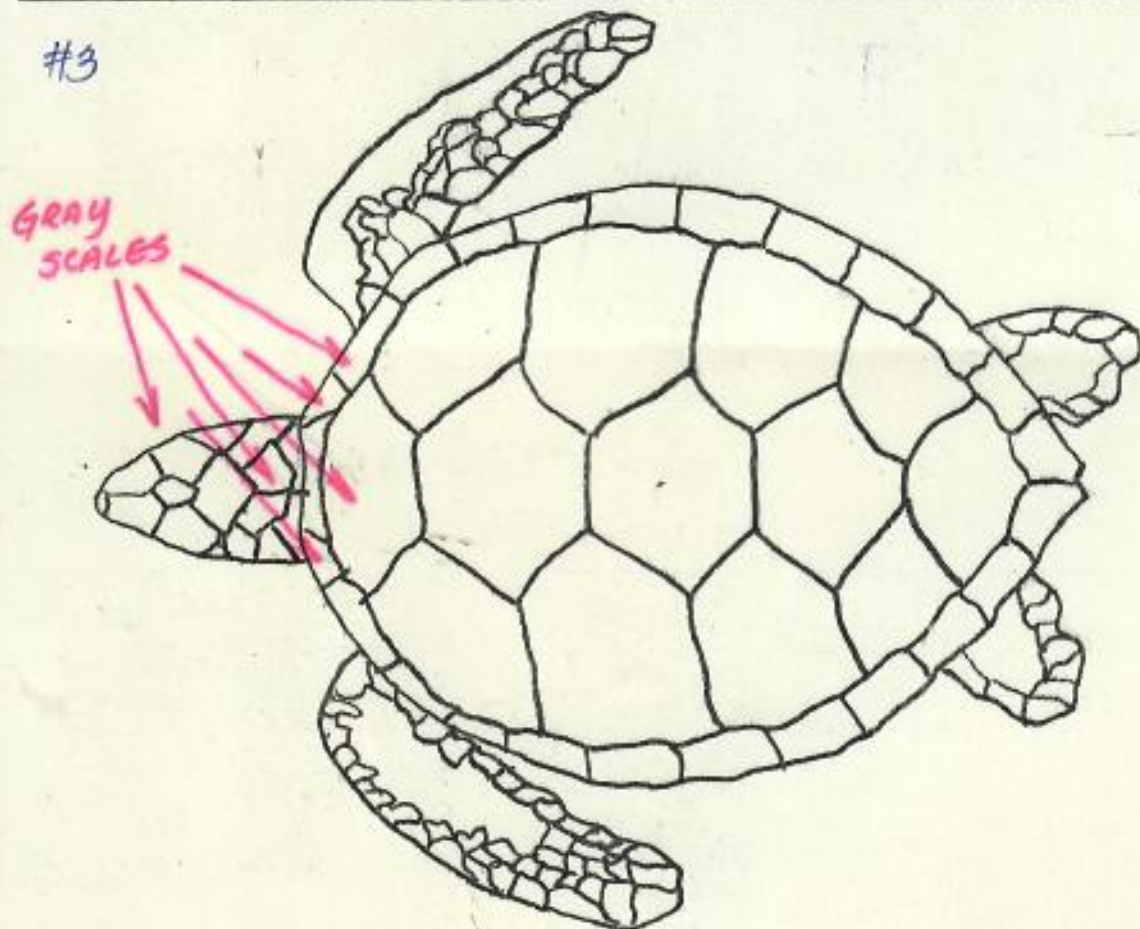
Location Released: Same

Curved Length: 66 cm

Curved Width: 62 cm

Comments: Head & front scales gray
(only)

#3



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

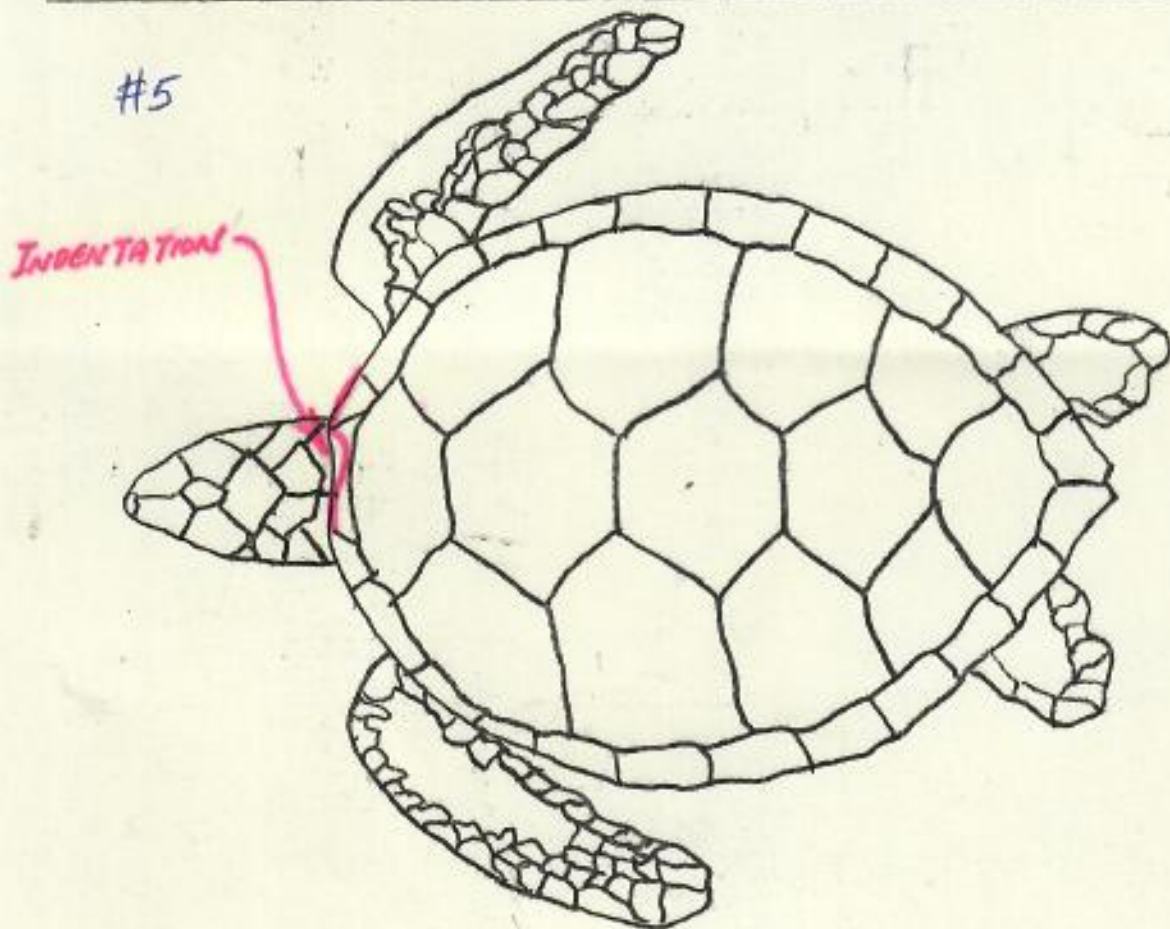
Date Tagged: 10-19-82
left f/f right f/f
Tag Number : 6541 6542

Location Caught: Palaau, Molokai
Location Released: Same

Curved Length: 46 cm
Curved Width: 41 cm

Comments: Indentation on back near to neck.

#5



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

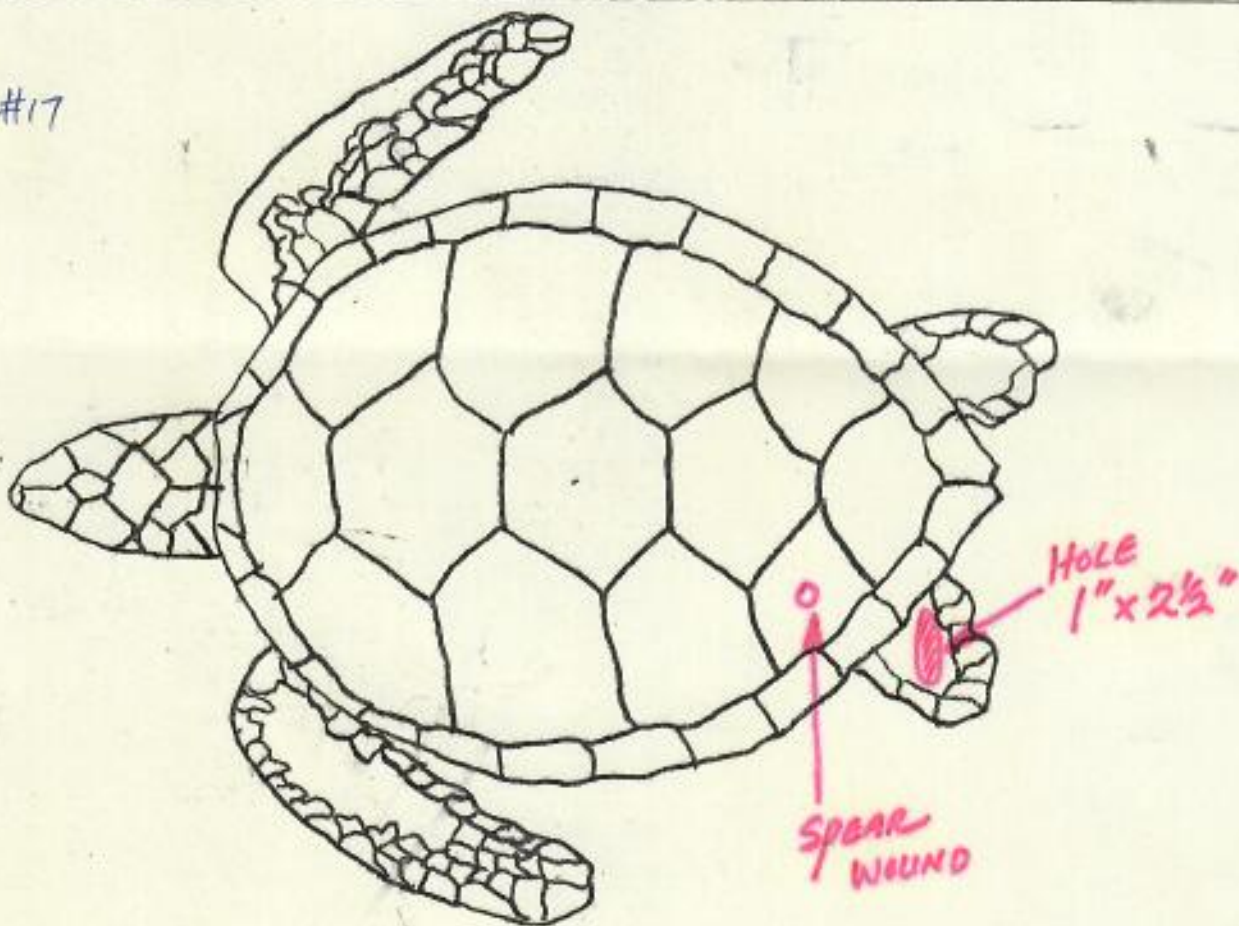
Date Tagged: 10-19-82
left f/f right f/f
Tag Number : 6465 6466

Location Caught: Palau, 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



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

Date Tagged: Oct. 20, 1982

Location Caught: Just west of Palaau house on ptiets (same ^{place} yesterday)

Method of Capture: E. Medeiros nets

Number	Curved Length (cm)	Curved Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
<u>1</u>	<u>78</u>	<u>73½</u>	<u>6469</u>	<u>6470</u>
<u>2*</u>	<u>70</u>	<u>64½</u>	<u>none</u>	<u>6471</u>
<u>3</u>	<u>75</u>	<u>66</u>	<u>none</u>	<u>6472</u>
<u>4</u>	<u>63½</u>	<u>57½</u>	<u>none</u>	<u>6473</u>
<u>5</u>	<u>73½</u>	<u>64½</u>	<u>none</u>	<u>6474</u>
<u>6*</u>	<u>77</u>	<u>65</u>	<u>none</u>	<u>6475</u>
<u>7***</u>	<u>61</u>	<u>52</u>	<u>6551</u>	<u>6552</u>
<u>8**</u>	<u>53</u>	<u>48</u>	<u>6446</u>	<u>6390</u>

*** released at Kaunakakai Dock same day.

Remarks: * SEE ATTACHED SHEETS #1 & #2
 * * RECOVERY FROM 9/3/82 !!!!

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

Date Tagged: 10-20-82
left f/f right f/f
Tag Number : none 6471

Location Caught: Palaau, Molokai

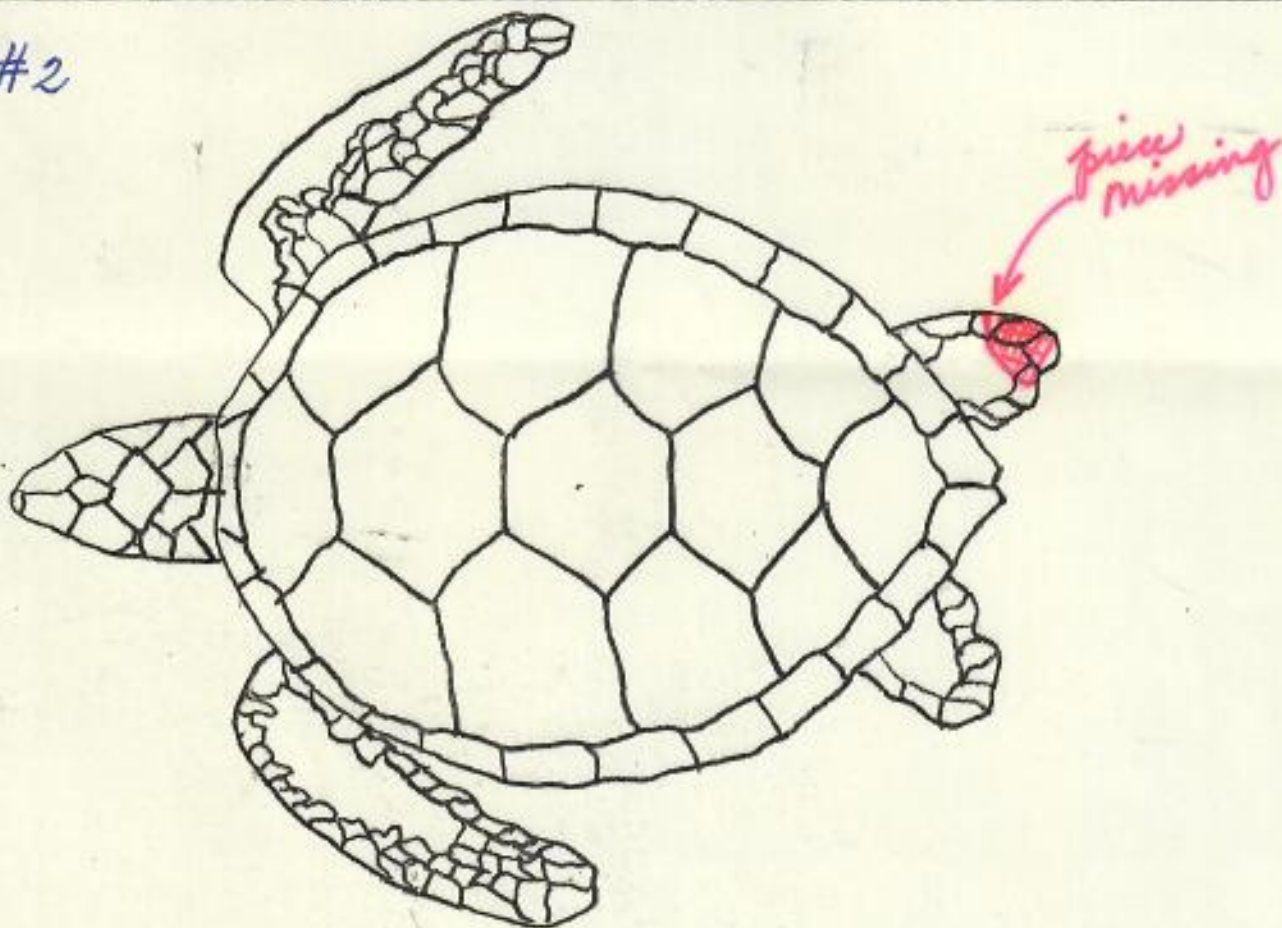
Location Released: Same

Curved Length: 70 cm

Curved Width: 64 1/2 cm

Comments: Piece missing from right rear flipper

#2



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

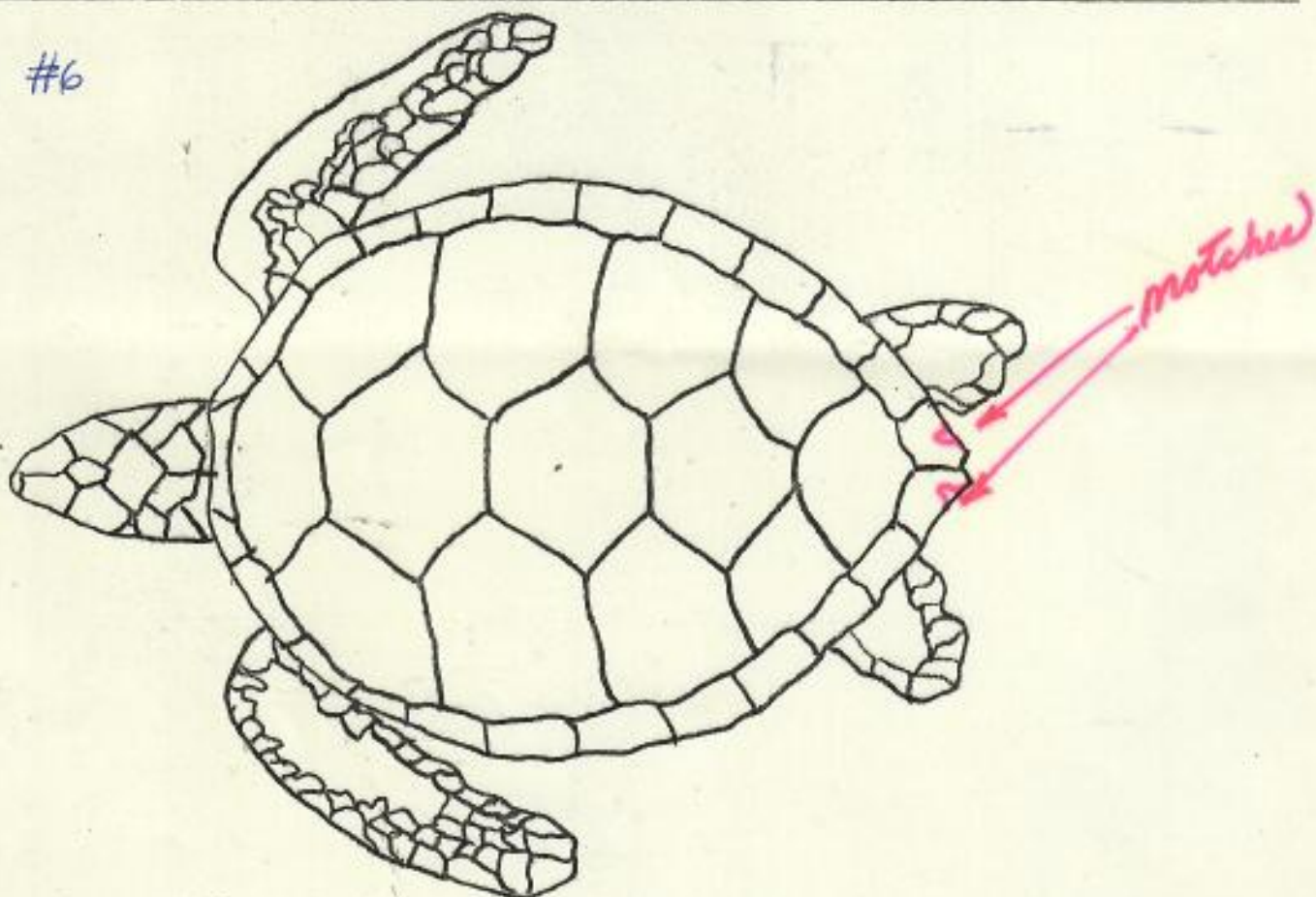
Date Tagged: 10-20-82
left f/f right f/f
Tag Number : none 6475

Location Caught: Palaau, Mokai
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. 21, 1982

Location Caught: approximately (1000 yards) west of Kaunakakai

Method of Capture: E. Medina's Nets (Dock)

Number	Curved Length (cm)	Curved Length (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
1	57½	49½	6553	6554

Remarks: only one in the net today.

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

Date Tagged: October 26, 1982

Location Caught: Outside Kaopeahina fishpond, just east of Wavecrest Condos.

Method of Capture: E. Mederios Nets

<u>Number</u>	<u>Curved Length</u>	<u>Curved WIDTH (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<u>1*</u>	<u>45</u>	<u>40</u>	<u>6555</u>	<u>6556</u>
<u>2</u>	<u>58½</u>	<u>51</u>	<u>6557</u>	<u>6558</u>
<u>3</u>	<u>43½</u>	<u>36</u>	<u>6559</u>	<u>6560</u>
<u>4*</u>	<u>50</u>	<u>42½</u>	<u>6561</u>	<u>6562</u>
<u>5</u>	<u>45</u>	<u>40½</u>	<u>6563</u>	<u>6564</u>
<u>6</u>	<u>67</u>	<u>58½</u>	<u>6565</u>	<u>6566</u>
<u>7*</u>	<u>82½</u>	<u>78</u>	<u>6567</u>	<u>6568</u>

Remarks: * See Attached Sheets 1,2,&3
All the turtles in the net were tagged today.

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

Date Tagged: Oct. 26, 1982

left f/f right f/f

Tag Number : 6555 6556

Location Caught: Outside Kaopeahina fishpond, west of Wavecrest

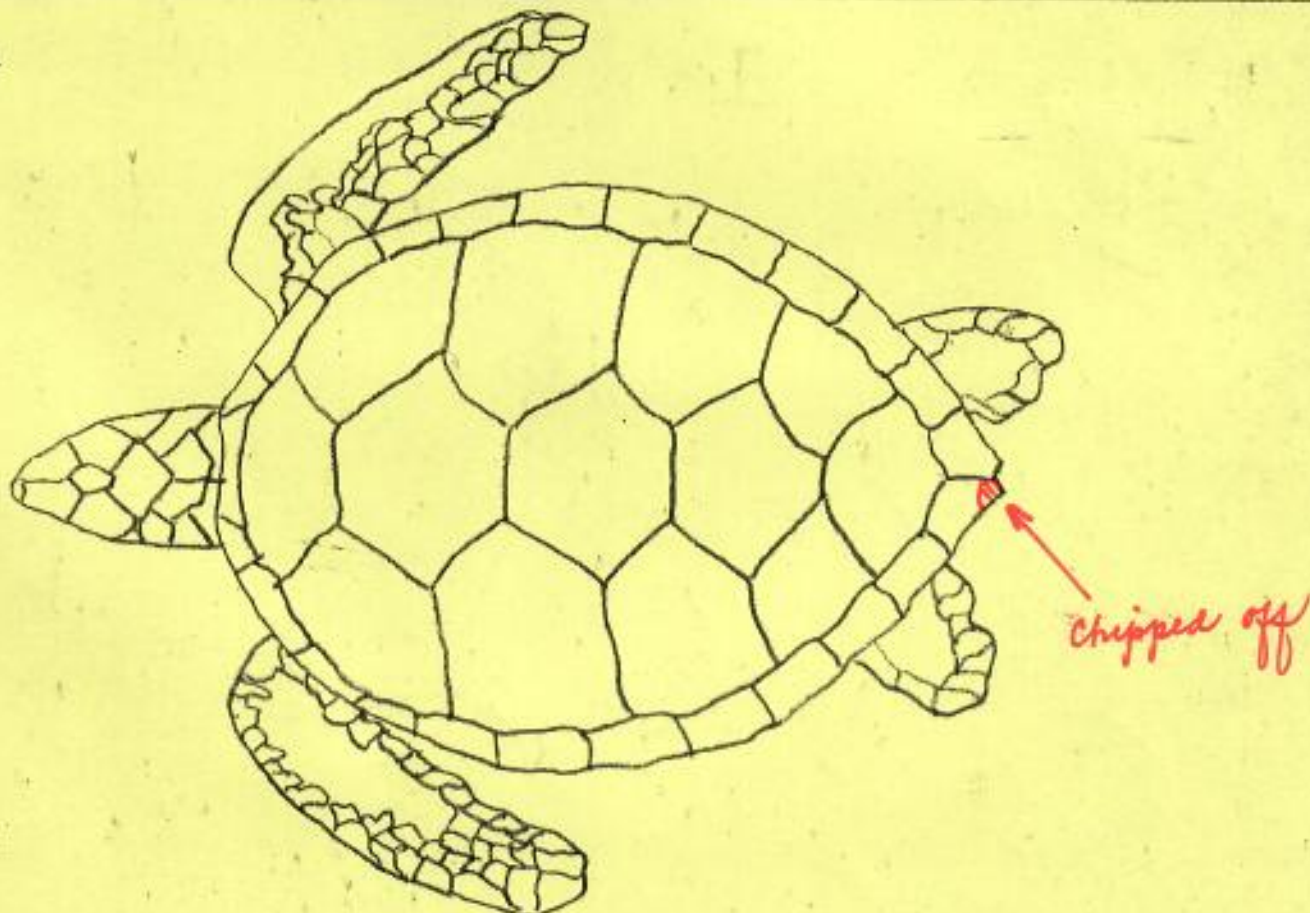
Location Released: Same as above

Curved Length: 45 cm

Curved Width: 40 cm

Comments: Left rear point chipped

#1



***** 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

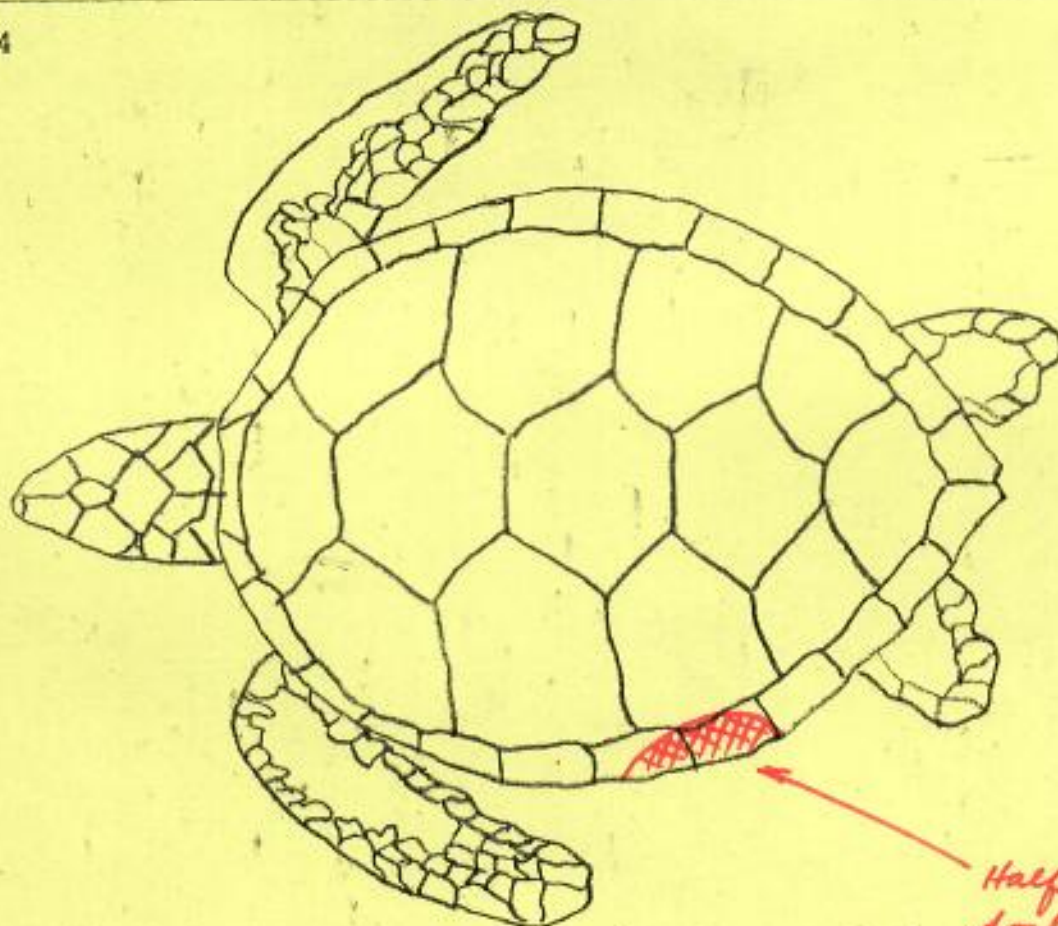
Location Released: Same as above

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.

#4



*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

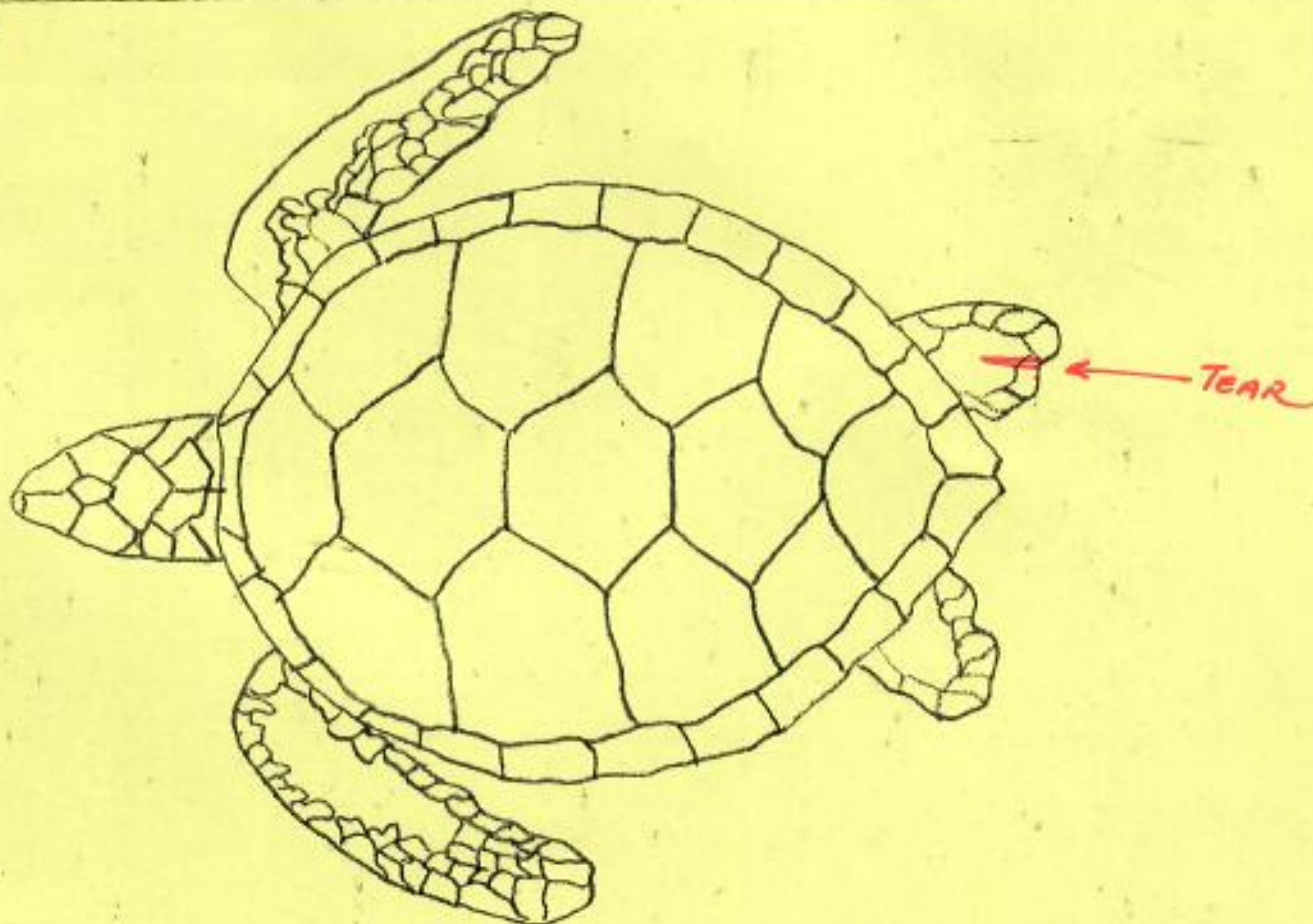
Location Released: Same as above

Curved Length: 82½ cm

Curved Width: 78 cm

Comments: Deep tear on right rear flipper.

#7



Home Tel. 553-3778
1/26/83

Jan. 20, 1983

exact Date ? (Jan.)
Sickness ? circumstances ?
SITE on Molokai ?

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.

Until then,

Bill

Bill

Both tags on the
same turtle?

< 3188 6/21/79 W-S basking female
3269 6/29/79 W-S " "

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

Date Tagged: Jan. 14, 1983

Location Caught: Kawela, outside Panahaha Fishpond

Method of Capture: Mederios' Nets

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curvedwidth Length (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<u>1</u>	<u>100</u>	<u>91</u>	<u>6580</u>	<u>6581</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
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<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

Remarks: See attached sheet #1. Above animal was a large female,
healthy, and in good shape.

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

Date Tagged: Jan. 14, 1983

left f/f right f/f

Tag Number : 6580 6581

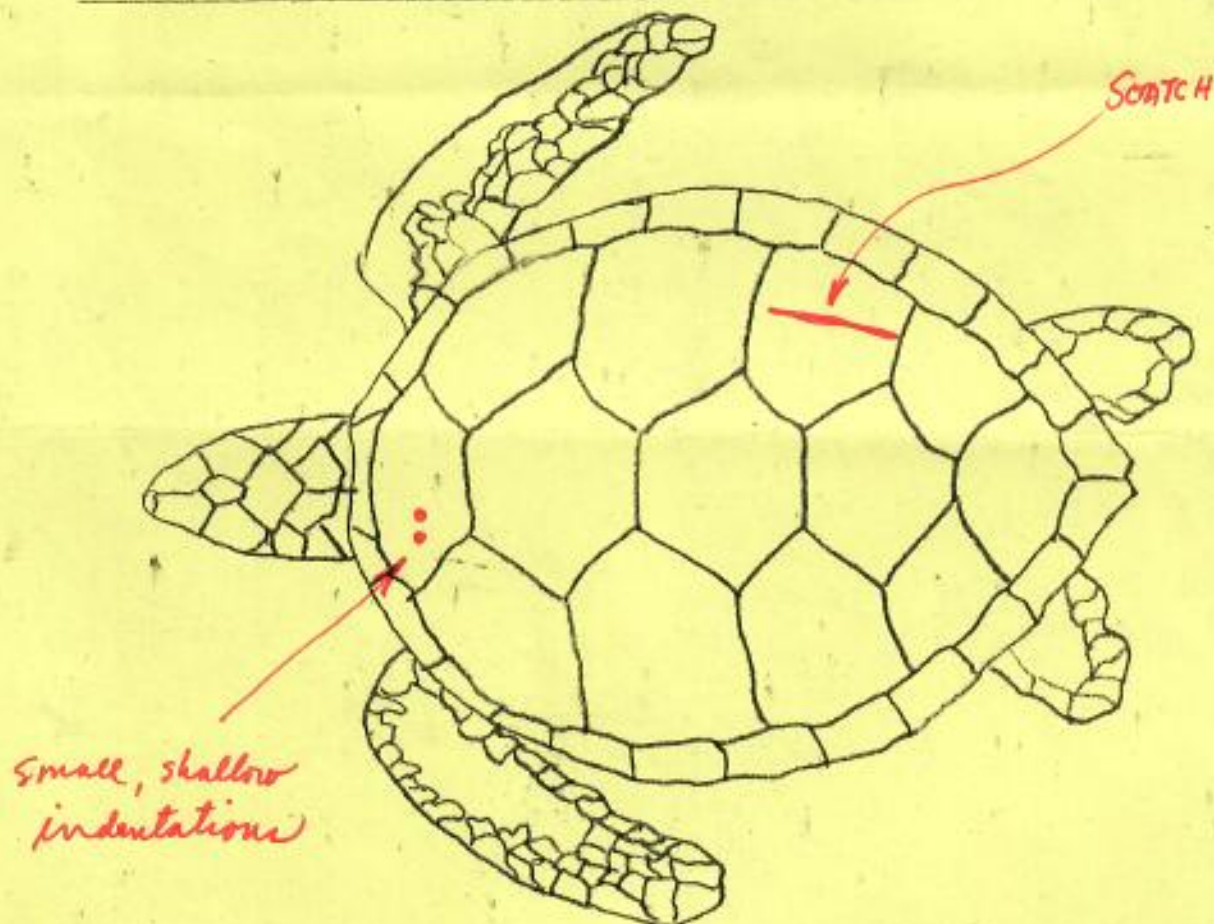
Location Caught: Kawela, outside Panahaha Fishpond

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 top
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 half mile eastward 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 410 lbs., this guy must have weighed approximately 350 lbs. Strangely enough, we also picked up the smallest turtle to date on the same day.

Mederios mentioned something about setting again in the Palaaau 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 & alabs). 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 2/28/83? In any case, we've only tagged four turtles so far, none during Nov. or Dec. Does he submit voucher for payment after 2/15/83 for all turtles tagged within guidelines set?

Bill



P.S. Belated Holiday Greetings!

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

Date Tagged: Jan 11, 1983

Location Caught: Kawela (just across Federal Wild/Waterbird Refuge)

Method of Capture: Mederios' 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>1</u>	<u>40</u>	<u>35.5</u>	<u>6571 & 6573</u>	<u>6572</u>
<u>2*</u>	<u>92.5</u>	<u>88.5</u>	<u>6574</u>	<u>6575</u>
<u>3</u>	<u>55</u>	<u>47.5</u>	<u>6576</u>	<u>6577</u>
<u>4**</u>	<u>82.5</u>	<u>72</u>	<u>6578</u>	<u>6579</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>

* See Attached Sheet #1
This is the largest turtle I've tagged to date.
Definitely male.

** See Attached Sheet #2

Remarks: Turtle #1 was the smallest turtle I've tagged to date.

ATTACHED SHEET #1

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

Date Tagged: Jan. 11, 1983

left f/f right f/f

Tag Number : 6574 6575

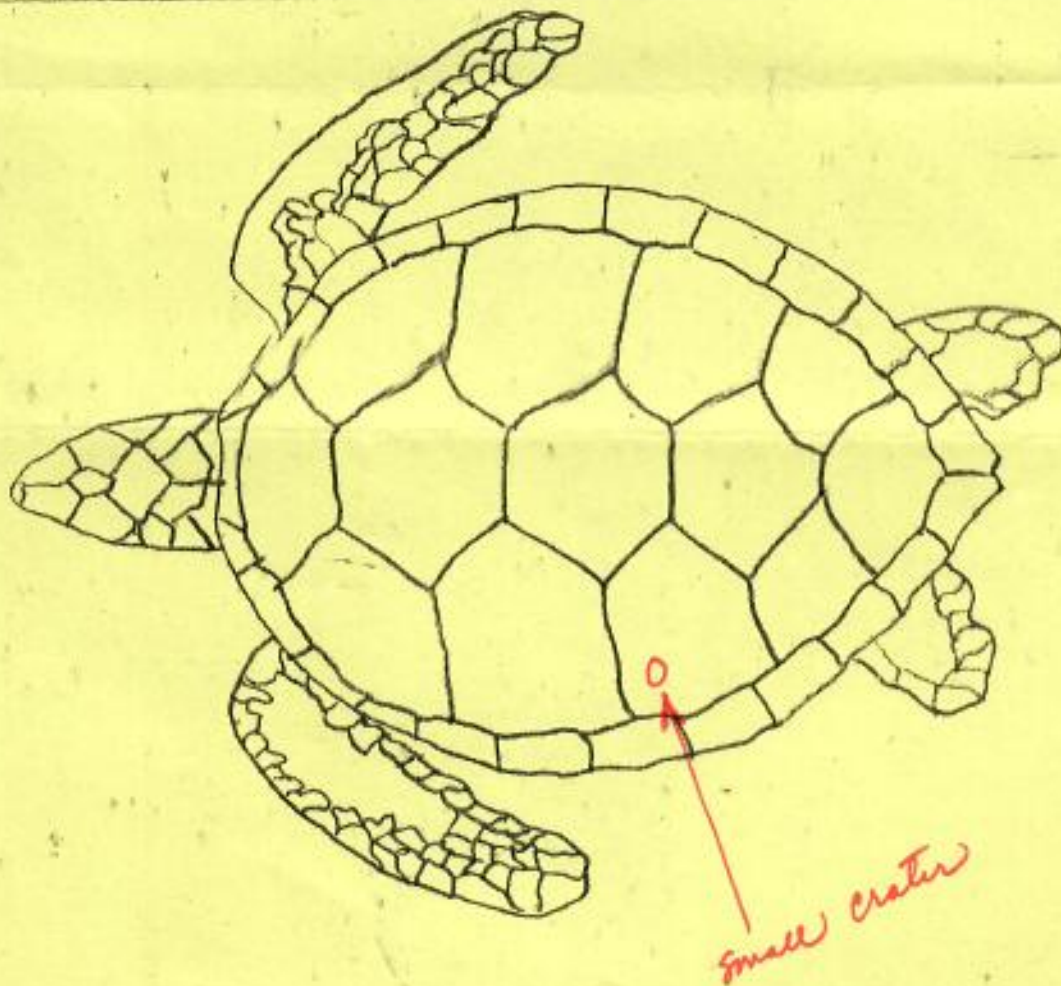
Location Caught: Kawela, Molokai

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

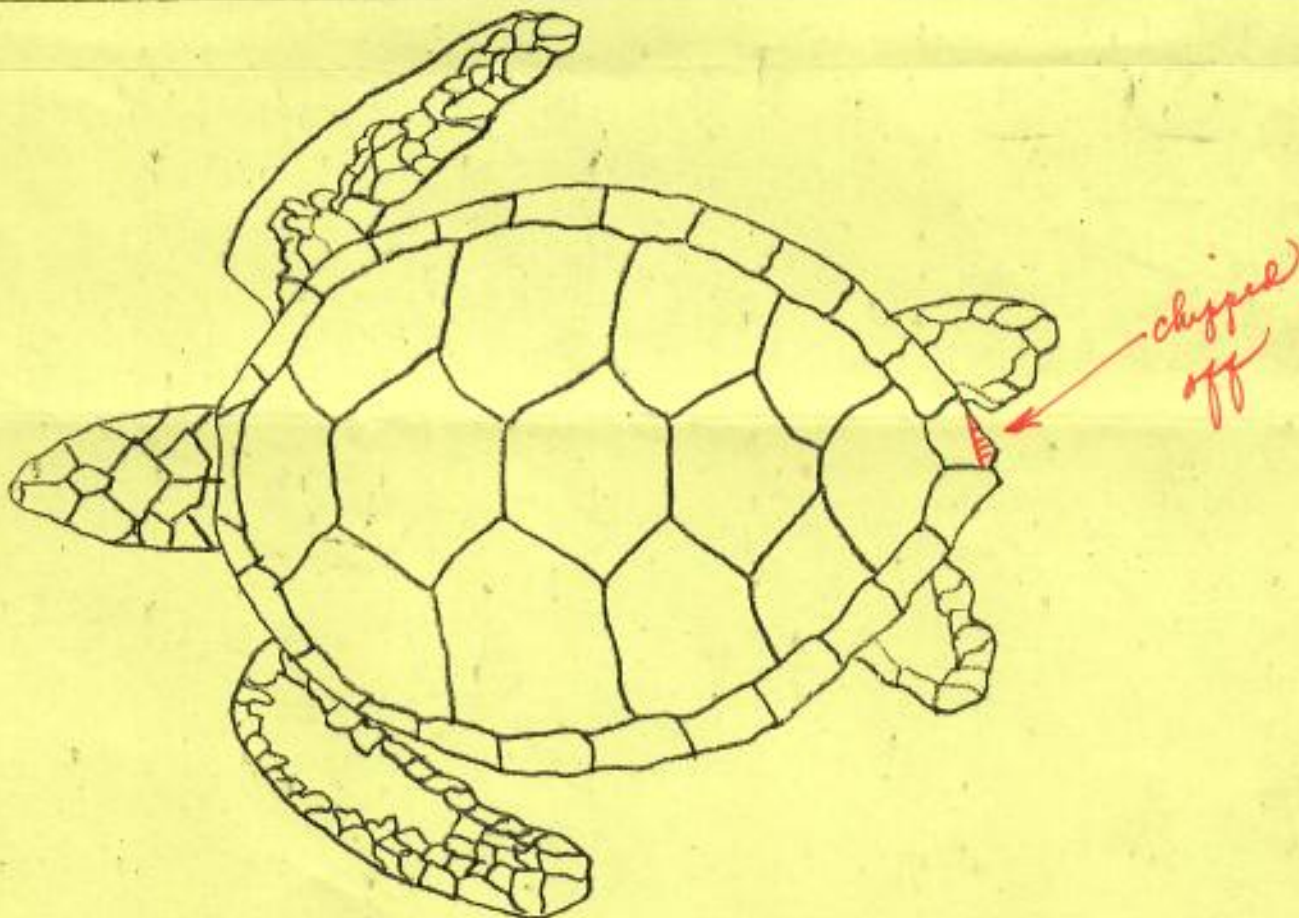
Location Caught: Kawela, Molokai

Location Released: Kawela, Molokai

Curved Length: 82.5 cm

Curved Width: 72 cm

Comments: Shell right above tail chipped on right side.



Jan. 27, 1983

George,

Enclosed are tagging data for the pass three days.

I'm down to 54 tags. Another bunch would be a good idea.

Do you know of a rough rule of the thumb formula for estimating the weight of turtles? Something like

$$\text{estimated weight} = \frac{(\text{girth in inches})^2 \times \text{fork length in inches}}{800}$$

used for estimating the weight of large fish, e.g. tuna, marlin, sharks, etc.

If you don't, it would be interesting and worthwhile for us to develop one.

Bill

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

Date Tagged: January 27, 1983

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

Method of Capture: Medeiros' Nets & Kamalo harbor

Number	Curved Length (cm)	Curved Width XXXXXXXX (cm)	Tag Number On Left Front Flipper	Tag Number On Right Front Flipper
1*	44	40.5	6593	6594
2**	86	78	6595	6596
* See Attached Sheet #1				
** See Attached Sheet #2				

Remarks: Both animals had numerous barnacles on them, on top
and on their plastrons, and in the case of #2 even on
one of the rear flippers. All barnacles knocked off.

ATTACHED SHEET #1

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

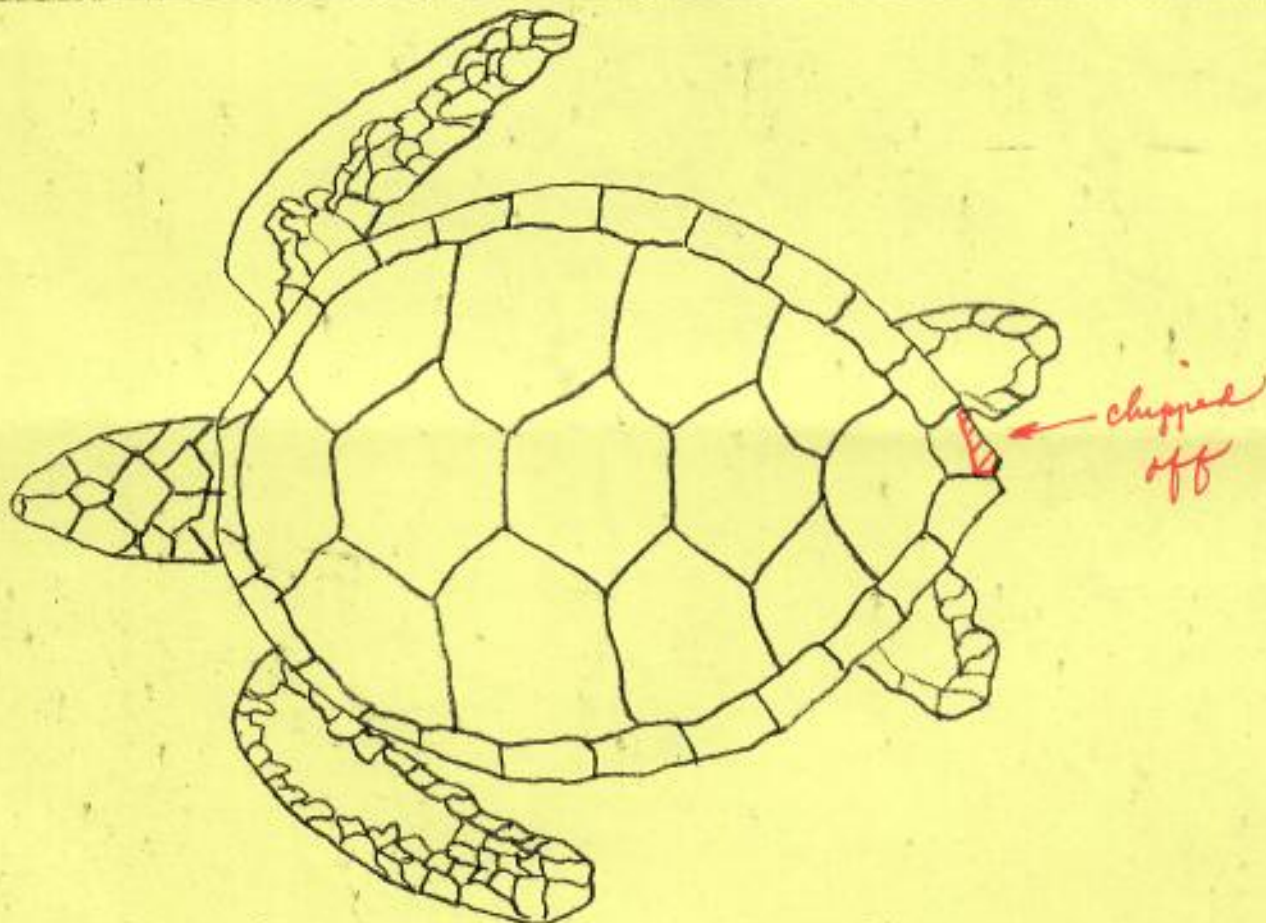
Date Tagged: Jan. 27, 1983
left f/f right f/f
Tag Number : 6593 6594

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

left f/f right f/f

Tag Number : 6595 6596

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

Location Released: Kamalo Harbor

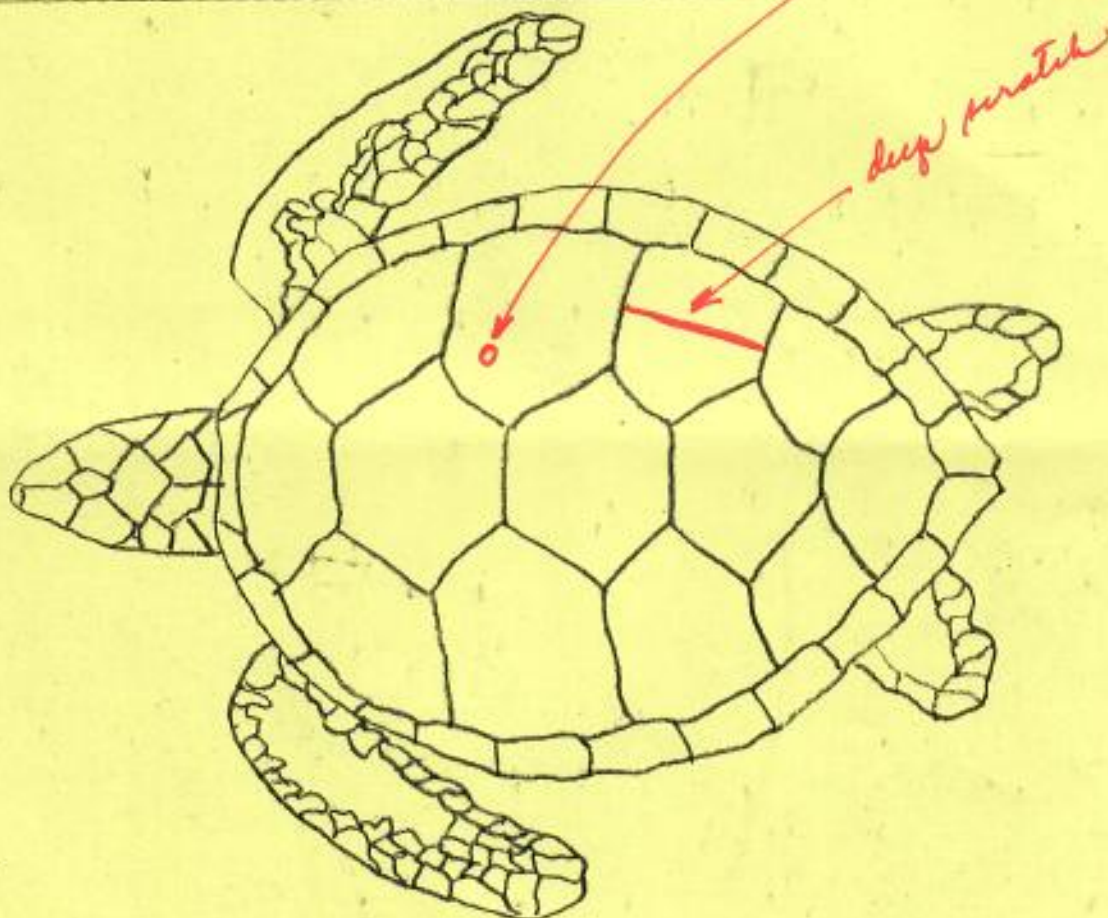
Curved Length: 86 cm

Curved Width: 78 cm

Comments: Deep scratch on right 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: Medeiros' Nets

<u>Number</u>	<u>Curved Length (cm)</u>	<u>Curved Width XXXXXX (cm)</u>	<u>Tag Number On Left Front Flipper</u>	<u>Tag Number On Right Front Flipper</u>
<u>1</u>	<u>66</u>	<u>58</u>	<u>6587</u>	<u>6588</u>
<u>2</u>	<u>39</u>	<u>36.5</u>	<u>6589</u>	<u>6590</u>
<u>3</u>	<u>48</u>	<u>41</u>	<u>6591</u>	<u>6592</u>

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

<u>4</u>	<u>78.5</u>	<u>71</u>	<u>6432*</u>	<u>6430/6435</u>
<u>5</u>	<u>48.5</u>	<u>43</u>	<u>6427</u>	<u>6426</u>

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 front 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: _____