

P&H 1984

copied 12/23/85

TABLE Turtles tagged at Pearl and Hermes Reef July 4 - August 5, 1984.
 Body measurements (mm): A - straight carapace length, B - straight carapace width, C - curved carapace length, D - curved carapace width.

REF	TAGS		SEX Age/Class	Tagging & Recovery Dates	MEASUREMENTS				Tagging & Recovery Locations
	REF	LEF			A	B	C	D	
		8253	AM	7/7/84	80.7				3
5865 9203		8254 6982	IMM	7/7/84	50.0	41.0	52.4		3
		8255	AF	7/7/84	~101				3
		8256	IMM	7/8/84	48.5	38.6	51.0		5
		8259	IMM	7/8/84	54.8	43.8	50.4		5
		8261	IMM	7/8/84	37.9	32.3			1
8263 9013		8262 6957	IMM	7/8, 8/11/84	60.1	46.5			3, 3
8264 9076		8265 7083	IMM	7/11/84	49.6	38.5	50.7		3 H ₂ O
6990 8266		7111 8269	IMM	7/12, 7/27/84	56.1	48.3			1, 1
		8267	IMM	7/12/84	45.5	35.7	42.1		1 H ₂ O
8269 6967		8270 6782	IMM	7/12, 7/26/84	50.3	42.0			1, 2 H ₂ O
		8271	AF	7/12/84					1
8272 5523		5524	IMM	7/12, 7/23/84	54.7	45.3			2, 2 H ₂ O, 2
		8273	IMM	7/12/84	40.3	33.5	43.2		2 H ₂ O
8276 9000		8274 9001	IMM	7/12, 7/23/84	50.7	42.0	50.9		2, 2 H ₂ O
8278 668			AM	7/12/84	88.8				3
		7073	IMM	7/12/84	69.7	58.1			3
		8280	IMM	7/12/84	68.2	56.2			3
8281 5861		5862	AF	7/12/84	85.1				3
		8282	AF	7/12/84	85.4				3
		8283	IMM	7/13/84	39.5	30.8	40.8		5 SW
		8285	IMM	7/13/84	44.3	35.9	47.2		5
		8288	IMM	7/14/84	40.6	32.3	42.4		5
		8290	IMM	7/14/84	42.3	34.9	44.7		5
		8292	IMM	7/14/84	49.2	40.2	50.8		5
		8293	IMM	7/14/84	63.1	49.2	67.1		5
6991 8295		6990	IMM	7/16/84	49.9	40.0			1
		8298	IMM	7/16/84	66.5	51.9			3
		8299	AM	7/16/84	79.3				3
		6533	AF	7/16/84					3
		8301	IMM	7/18/84	52.1	41.0	54.9		5
		8303	IMM	7/18/84	40.5	34.0	40.4		5
		8305	IMM	7/18/84	44.4	36.1	46.7		5 SW
		8307	IMM	7/19/84	46.9	36.0	50.0		5 SW
		8308	IMM	7/19/84	52.4	40.9	55.1		5 NW
		8310	IMM	7/19/84	48.1	39.3	51.2		1 H ₂ O
8312 9021		8313 9020	IMM	7/19/84	59.2	49.9	63.7		1
		8315	IMM	7/20/84	46.9	38.6	50.0		5
		8317	IMM	7/20/84	54.1	44.6	57.5		5
		8319	IMM	7/20/84	42.0	33.9	44.1		5
		8321	IMM	7/20/84	44.9	34.6	47.6		5
		8322	IMM	7/20/84	54.2	40.0	57.4		5
		8325	IMM	7/20, 7/30/84	46.0	38.0	48.7		2, 2 H ₂ O
		8327	IMM	7/20, 7/29/84	46.9	39.0	49.0		2 H ₂ O, 1

Mar 84
 12/23/85
 RFF

TABLE — CONTINUED.

TAGS		SEX AGE/DAYS	TAGGING		MORPHOMETRICS				TAGGING & RECOVERY LOCATION	
RFP	LFF		RECOVERY DATE		A	B	C	D		
8320 4924	8327 4923	1MM	7/28/84		51.5	41.2	55.0			2 H20
8330	8331	1MM	7/23/84		62.7	50.8	67.5			2 H20
8342	8333	1MM	7/24/84		46.2	38.2	48.9			5 So.
8334	8335	1MM	7/24/84		46.8	37.7	47.5			5 So.
8337	8336	1MM	7/24/84		56.1	42.7	57.7			5 So.
8338	8327	1MM	7/24/84		47.0	38.2	52.1			5 So.
8341	8340	1MM	7/24/84		48.0	38.0	50.0			5 So.
8343	8342	1MM	7/24/84		44.3	33.4	46.5			5 So.
8345	8344	1MM	7/24/84		39.5	31.6	40.2			5 So.
8347	8246	1MM	7/24/84		44.1	35.1	46.0			5 So.
8248	8349	1MM	7/24/84		37.5	27.7	35.1			5 So.
8351	8350	1MM	7/24/84		49.2	40.8	52.0			5 NW
8353	8352	1MM	7/25/84		43.0	35.4	45.1			5 N
8354		AF	7/25/84							1
8356 5582	8355 5583	1MM	7/25/84		47.2	38.0	51.0			1
	8357	AF	7/25/84							1
8357	8358	1MM	7/25/84				69.2			1
8361 73	8360	AF	7/25/84							2
	8362	1MM (F)	7/25/84							2
8364	8363	1MM	7/25/84		42.5	36.2	45.4			2
8366	8365	1MM	7/30/84		40.2	34.3	42.5			5 SW
8368	8367	1MM	7/30/84		52.2	40.7	55.5			5 SW
8370	8369	1MM	7/30/84		53.8	42.9	57.2			5 SW
8372	8371	1MM	7/30/84		40.6	35.4	43.4			5 SW
8374	8373	1MM	7/30/84		57.8	46.3	61.7			5 SW
8376	8375	1MM	7/30/84		46.6	38.0	49.8			5 SW
8378	8377	1MM	7/30/84		54.0	42.6	57.2			5 SW
8381	8379	1MM	7/30/84		61.2	48.4	65.2			5 SW
8383	8382	1MM	8/1/84		46.9	36.8	49.6			5 SW
8385	8384	1MM	8/1/84		37.0	31.7	41.0			5 SW
8387	8386	1MM	8/1/84		61.5	49.2	65.3			5 SW
8389	8388	1MM	8/1/84		53.3	42.4	56.1			5 SW
8392	8390	1MM	8/1/84		38.7	30.9	41.2			5 SW
8393	8391	1MM	8/1/84		48.9	40.0	51.5			5 SW
8395	8394	1MM	8/1/84		48.6	40.5	52.1			5 SW
8396	8397	1MM	8/1/84		51.2	40.8	54.7			5 SW
8399	8398	1MM	8/1/84		42.0	34.4	44.6			5 SW
8401	8400	1MM	8/1/84		39.7		42.4			5 SW
8403	8402	1MM	8/1/84		56.5	59.7	49.4			5 SW
8405	8404	1MM	8/1/84		58.4	44.6	62.7			5 SW
8407	8406	1MM	8/1/84		47.5	37.5	50.1			5 SW
8409	8408	1MM	8/1/84		45.9	37.2	48.5			5 SW
8411	8410	1MM	8/1/84		48.9	39.3	52.4			5 SW
8413	8412	1MM	8/1/84		44.0	36.2	47.1			5 SW

SIZE OF TAG?

1981 Shallenburger
Attner

Turtle Records

Pearl & Hermes - Southeast island - ~~1/27~~ (1100 hours)

		tags
9/27	1) ♂ - 85cm	none
	2) ♂ - 88cm	"
	3) ♂ - 79cm	"
	4) ♀ - 69cm	"
	5) ♀ - 82cm	"
	6) ♀ - 78cm	"

3 MALES; 3 FEMALES

Pearl & Hermes - North island (1100 hours)

		tags	
3/28	1) ♀ ?		
	2) ♂ 785 cm		
12/14/70 North PH	3) ♂ 89 cm		6/18/80 North PH night (930) ENTERED
	4) ♀ 93 cm		
	5) ♀ 75 cm		
	6) ♀ 62 cm		
12/14/70 North PH	7) ♂ 89 cm		left (928) entered
	8) ? 98 cm		

3 MALES; 4 FEMALES, 1 ?

Shallenberger
Attner

Turtle Records

3/28/81

Pearl & Hermes - Southeast Island (1400 hours)

- | | | How measured? | tags/notes |
|-----|---|---------------|---|
| 1) | ♀ | 89 cm | (extensive tumors around head & flippers) |
| 2) | ♂ | 86 cm | |
| 3) | ? | > 85 | |
| 4) | ♀ | 92 cm | |
| 5) | ? | | |
| 6) | ♂ | 84 cm | |
| 7) | ♀ | 88 cm | |
| 8) | ? | | |
| 9) | ? | | |
| 10) | ? | | plastic? color? |
| 11) | ♂ | 89 | (tag broken - last 2 digits "10") |
| 12) | ? | | |

6/24/80 EAST, FFS (13) ♀ female 88 ENTERED NO. 105 HUMB (3636) - half of rt. flipper gone

10/5/78 SE, PH (14) ♀ 94 entered left = blue tag 2024 right has 2 tags - 2969 + 2970

6/17/78 EAST, FFS (15) ♀ BASK 98 ENTERED NO. 106 HUMB right (2758)

16) ♀ 65

17) ♂ 96

18) ♂ 83

19) ♀ 81

20) ? > 90 tagged (could not read)

21) ♀ 89

ROUTING AND TRANSMITTAL SLIP

Date 6/24

TO: (Name, office symbol, room number, building, Agency/Post)	Initials	Date
1. <u>George</u>		
2.		
3.		
4.		
5.		

Action	File	Note and Return
Approval	For Clearance	Per Conversation
As Requested	For Correction	Prepare Reply
Circulate	For Your Information	See Me
Comment	Investigate	Signature
Coordination	Justify	

REMARKS

Here's the turtle data you wanted. The inch measures during part of the Lissanski survey were fairly accurate (my hand) - but I did not have the tape with me.

Reminder - you & Culmerton need special use permits for the Peail & Hermes work - send description of work to Jerry

DO NOT use this form as a RECORD of approvals, concurrences, disposals, clearances, and similar actions

FROM: (Name, org. symbol, Agency/Post) <u>Rob</u>	Room No.—Bldg.
	Phone No.

5041-102

★ U.S. G.P.O. 1980-311-156/4

OPTIONAL FORM 41 (Rev. 7-76)
Prescribed by GSA
FPMR (41 CFR) 101-11.206

memorandum

DATE: 6-31-81

REPLY TO
ATTN OF:

SUBJECT:

Turtle tags

Hi George

TO:

George Balaz

Hope the little guys make it

to Washington okay. Have listed the tag #'s on the back but seem to have lost the date on one. I will find it or get it from Pattie and get it to go when she's in. The nest that I got the turtle from hatched on the beach crest in soft sand. Looked like they were having trouble



Buy U.S. Savings Bonds Regularly on the Payroll Savings Plan

U.S. GPO: 1978-0-251-647/3522

OPTIONAL FORM NO. 10
(REV. 7-78)
GSA FPMR (41 CFR) 101-11.6
5010-111

getting out.

3703 Female that dug 6 pits on South beach, east end of island and then left with no success in laying 7/31/81

Tagged #5221 on Right front. She dug 5 pits with no success on east end of island. Good thing she didn't lay for the beach has washed away in the last 3 days.

Tagged #s 5451 & 5219 on front flippers of a turtle that nested by the fuel tanks on 8-27. Found her at 7 in the morning all tired out with what looks like a good back filled hole.

Turtles seen at Southeast Island, P+H
 Tim Genodette

6/5/87

Sex	Left tag	Right tag	Curved carapace length (cm)	
(M)	7015 ^{Likely} 7/83 P+H RM	6516, ----	86.5	NOT IN FFS MASTERS 7/83 7/87
F	7015	014	~60	
(M)	7021 7/83 PH likely	7022	84.4	NOT IN FFS MASTERS 6/83 FFS?
F	5543 likely P+H *	----	82.0	NOT IN FFS MASTERS 8/81 RW SEI?
F	8956 likely P+H *	----	81.9	NOT IN FFS MASTERS
(M)	7/84 P+H *	8299	84.1	NOT IN FFS MASTERS

TABLE ———. ALIEN SAMPLES COLLECTED FROM TURTLES FEEDING AT PENAL
AND HLENS REEF. SAMPLES TAKEN BETWEEN 1983-1985

TAGS		DATE	AGE CLASS SEX	CAPTURE LOCATION	ALGAL SPECIES				
REE	LEE								
7129	7130	7/7/83	1MM	S					
7140	7141	7/8/83	1MM	S					
7359	7358	7/11/83	1MM	S SE	18, 16				
7361	7360	7/12/83	1MM	S					
7365	7363	7/12/83	1MM	S SE					
7369	7368	7/12/83	1MM	S SE					
7372	7373	7/12/83	1MM	S SE					
7374	7380	7/12/83	1MM	S SE					
7374	7375	7/12/83	1MM	S					
7375	7378	7/13/83	1MM	S SE	5, 4				
	7400	7/13/83	1MM	S SE	26, 19, 18, 13, 7				
7404	7405	7/14/83	1MM	S SE					
7407	7406	7/14/83	1MM	S NE					
7409	7408	7/14/83	1MM	S NE	6, 25, 20, 7, 21				
7410		7/14/83	1MM	S NE	27, 23, 24				
8256	8257	7/17/84	1MM	S SE	27, 21, 11, 12, 13				
8281	8284	7/17/84	1MM	S	3				
8288	8287	7/14/84	1MM	S SW					
8301	8296	7/11/84	1MM	S					
8305	8304	7/15/84	1MM	S					
8307	8306	7/15/84	1MM	S SW	4, 5				
8317	8316	7/24/84	1MM	S SW					
8319	8318	7/20/84	1MM	S	5, 4				
8322	8323	7/20/84	1MM	S					
8334	8335	7/24/84	1MM	S NW					
8343	8342	7/24/84	1MM	S SE					
8347	8346	7/24/84	1MM	S SE					
8366	8365	7/30/84	1MM	S SE	6				
8368	8367	7/30/84	1MM	S SW	7, 8, 9, 10, 11, 12, 13				
8370	8369	7/30/84	1MM	S SW					
8374	8373	7/30/84	1MM	S SW					
8378	8377	7/30/84	1MM	S SW	4, 13, 14				
8401	8400	8/01/84	1MM	S SW	7, 8, 15, 25, 16, 17				
8419		8/01/84	1MM	S NW					
8420		8/01/84	1MM	S NW	1				
	8422	8/01/84	1MM	S NW					
8428	8427	8/2/84	1MM	S NW					
9069	9070	7/16/85	1MM	S NW					
9058	9057	7/13/85	1MM	S N					30
9077	9076	7/17/85	1MM	S					31
9085	9086	7/12/85	1MM	S NW					54
				S N					33

TURTLES TAGGED AT PEARL AND HERMESA REEF, 1983. APRIL 28 - AUGUST 10, BODY MEASUREMENTS IN A STRAIGHT LINE. B = STRAIGHT WIDTH (CM), C = CURVED LENGTH (CM), D = CURVED WIDTH (CM).

TAGS		SEX / AGE CLASS	TAGGING & RECOVERY DATES	CARAPACE MORPHOMETRICS MEASUREMENTS				TAGGING & RECOVERY LOCATIONS
RIGHT FRONT FLAP	LEFT FRONT FLAP			A	B	C	D	
6951		IMM 2	4/28					2
6952		IMM	4/28					1
	6953	IMM	4/30 9/04	79.2	60.7	89.0	75.5	3, 3
	6954	AM 32	4/30	76.5	70.4	82.0	78.0	3
	6955	IMM	4/30	77.8	61.2	83.5	77.5	3
<u>7013</u>	6957	IMM	4/30 5/25	59.5	49.0	62.7	55.4	3, 3
	6958	IMM	4/30 5/25 7/12	75.5	63.0			3, 3, 3
6959		IMM	4/30	81.2	69.0			3
6960	<u>7012</u>	IMM	4/30 5/25	72.4	58.7			3, 3
	6961	AM	4/30 5/25 6/7 9/05	90.0	72.5			3, 3, 3, 3
6962	6963	IMM	5/02 5/24 4/11	64.5	62.5			1, 1, 1
	6964	IMM	5/02	74.0				1
	6965	AM IMM (M)	5/02 5/29	70.2				1, 1
	6966	IMM	5/02	71.7				1
6967	6968	IMM	5/02 4/11	54.7	44.9	58.2	55.0	1, 2
6970	6969	IMM	5/05 5/31 9/05	54.7	45.2	59.0	55.2	1, 1, 1
6971		AM	5/05, 5/06, 5/08, 6/7	90.5				3, 3, 3, 3
6972		IMM	5/05 7/05	71.2		76.1		3, 3
6974	6973	IMM	5/07 5/24	50.8	46.5	53.5	49.7	1, 1
<u>ENTR NO. 316</u>	6975	AF 82	5/10 1/83	94.3				1 NORTH IS.
	6976	AM	5/10 5/29	82.5				1, 1
<u>7004</u>	6977	AM	5/10 5/12 5/24	89.1				1, 1, 1
6978		AF	5/10	93.3				1
6979		AF	5/11	92.2				3
	6980	AF	5/11 9/08	83.5				3, 3
<u>7383</u>	6982	IMM	5/11 6/08 7/01 2/12 8/10	49.7	40.2	51.6	47.5	3, 3, 3, 3, 3
	6983/6980	IMM	5/11, 5/12, 5/15 6/15 5/24	69.2				3, 3, 3, 3, 3
	6984	IMM	5/11	73.7	62.2	80.5		3
6985		AF	5/11	93.0				3
6986		IMM	5/11	73.8	57.7	77.5		3
6987/6988	<u>7011</u>	AF	5/11 5/25 6/25 2/05	85.5				3, 3, 3, 3
	6989	AF	5/11	93.8				3
6991	6990	IMM	5/12	48.4	38.7	52.5	47.0	1
6993	6992	IMM	5/12 9/06	65.0	52.5	70.7	65.2	1, 1
	6994	IMM	5/14	71.3	59.1	88.4	71.5	1
6995		AM	5/17	86.8	65.7			3
	6996	AM	5/19 5/25, 9/03, 2/12	90.7				3, 3, 3, 3
	6997	AF	5/19					3
	6998	IMM	5/19 5/25 5/27 5/28 5/29	87.5				3
	6999	AM	5/19					3
7000	7001	IMM	5/24 7/11	49.7	41.2	53.0	50.5	1, 2
7002		AM						1

My Note

Red # : tags prior to 1983

underlined # corrected dates tagged, also underlines

TAGS		SEX/ AGE CLASS	DATES	MEASUREMENTS				LOCATION
RIGHT	LEFT			A	B	C	D	
7002		1MM	5/24					1
7004		AM	5/24					1
	7005	AM	5/24					1
	7006	AM	5/24					1
7007		1MM AU	5/24	81.8				1
7008		AF	5/24	70.1				1
	7009	1MM	5/25	76.9				3
7023	7010	1MM	5/25 6/10	67.1	55.5	72.4	68.1	3, 3
	7011	AF	"					3, 3
	7012	1MM	"					3
7013		1MM	"					3
7014		1MM (F)	5/25, 6/10	79.8		86.1		3, 3
	7015	AM	5/25, 6/1, 2/5	80.8				3, 3, 3, 3, 3
	7016	1MM	5/29, 2/17	51.0	40.7	54.8	47.6	1, 1, 1, 1, 1
	7017	1MM	5/29	74.4				1
7018		1MM	5/25	77.4				1
7019		AF	5/29	88.5				1
	7020	AM	6/01	89.9				1
7022	7021	1MM (M)	6/01	80.1				3
7024	7023	1MM	6/06	53.3	44.0			3
7026	7025	1MM	6/06	51.2	39.3			5
7027	7028	1MM	6/06	59.8	46.4			5
7029	7030	1MM	6/06	57.5	46.8			5
7031	7032	1MM	6/06	52.2	41.5			5
7034	7033	1MM	6/06	55.4	47.9			5
7038	7036	1MM	6/06	57.8	48.0			5
7035	7037	1MM	6/11 6/14 2/14	46.1	37.5	48.2		5, 5, 5SE ← NOTE
7040	7041	1MM	6/11	51.5	41.8	55.3		5
7042	7043	1MM	6/11	43.7	35.0	46.6		5
7045	7044	1MM	6/11	53.5	43.3	56.0		5
7047	7048	1MM	6/11	68.0	53.0	73.2		5
7049	7050	1MM	6/14	66.5	47.3	71.2		5
7052	7051	1MM	6/14	60.0	46.1	63.9		5
7054	7053	1MM	6/14	42.7	32.5	44.5		5
7056	7055	1MM	6/14	46.8	35.9	48.7		5
7059	7057	1MM	6/14	43.1	35.6	45.0		5
7061	7062	1MM	6/14	45.3	36.4	48.2		5
7064	7063	1MM	6/14	39.0	31.4	40.4		5
7065	7066	1MM	6/14	47.2	38.5	47.7		5
7067	7069	1MM	6/14	63.7	49.7	68.4		5
7071	7070	1MM	6/18 2/10	58.4	46.9	62.6		3, 2 ← NOTE
	7072	1MM	6/18	68.0	54.0	71.8		3
7077	7078	1MM	6/18 6/19					3, 3
7076	7083	1MM	6/18, 6/25	48.9	38.3	52.0		3, 3
7080	7077	1MM	6/19	58.1	45.2	62.4		5W

TAGS		SEX/ AGE CLASS	DATES	MEASUREMENTS				LOCATION
RIGHT	LEFT			A	B	C	D	
7082	7081	1MM	6/28	Est. 36.0		41.0	39.6	SSW
7083	7087	1MM	6/25, 2/1					3, 3
7085	7084	1MM	6/28, 7/17	72.4				3, 3
7087	7086	1MM	6/29	42.5	34.7	44.7		S
7090	7088	1MM	6/30	39.8	33.1	41.2		S
7092	7089	1MM	"	50.5	39.0	53.5		S
7093	7091	1MM	"	46.8	36.3	48.8		S
7095	7093	1MM	"	40.0	33.0	42.9		S
7100	7097	1MM	"	37.4	29.9	38.9		S
7102	7101	1MM	"	46.7	37.5	49.1		S
7104	7103	1MM	7/01	59.0	46.2	62.1		S
		AF	7/03	82.7	65.5			S
	7105	1MM	"	75.5				S
7106		AM	"	90.1				S
7107	7108	1MM	7/05	40.0	37.8	42.4		S
	7109	AF	7/06/83					1
	7110	AF	"					1
	7111	1MM	"					1
7113	7114	1MM	"	44.6	34.6	45.0		2
7115	7116	1MM	"	52.8	42.7	55.7		S
7117	7118	1MM	"	45.2	34.3	47.1		S
7120	7119	1MM	7/07	43.0	35.8	45.9		SW
7121	7122	1MM	"	53.8	41.3	56.5		SW
7123	7124	1MM	"	45.7	36.7	48.5		SW
7125	7126	1MM	"	44.5	36.7	46.4		SW
7128	7127	1MM	"	47.1	37.6	49.7		S
7129	7130	1MM	"	57.2	44.5	60.0		S
7131	7132	1MM	"	49.5	40.5	51.5		S
7134	7135	1MM	"	40.5	33.4	42.1		S
7137	7136	1MM	7/08	51.5	41.2	54.8		S
7138	7139	1MM	"	44.0	36.2	45.9		S
7140	7141	1MM	"	51.7	40.8	55.0		S
	7143/7145	1MM	"	53.8	43.5	55.5		S
7146	7149	1MM	7/09	48.8	39.5	51.7		SN
7351	7150	1MM	"	44.9	37.7	47.2		SN
7352		AF	7/11	77.5				1
7353	7354	1MM	7/11, 7/14	50.0	41.5	53.0		1 (H2O), 1 (H2O)
7356	7355	1MM	"	45.7	37.4	47.1		2
7359	7358	1MM	"	56.2	42.5	59.6		SSE
7361	7360	1MM	7/12	45.5	37.5	47.9		S
7362	7364	1MM	"	63.5	49.2	68.0		SSE
7365	7363	1MM	"	44.1	36.8	45.8		SSE
7367	7366	1MM	"	43.7	35.4	45.5		SSE

TAGS		Sex/ Age Class	DATES	MEASUREMENTS				LOCATION
RIGHT	LEFT			A	B	C	D	
7369	7368	IMM	7/12	45.4	34.3	49.2	SSE	
7371	7370	IMM	"	48.2	35.8	49.7	SSE	
7372	7373	IMM	"	56.0	46.5	59.9	SSE	
7375	7374	IMM	"	49.4	37.1	51.5	SSE	
7376	7377	IMM	"	54.3	42.2	57.8	SSE	
7378	7380	IMM	"	39.5	34.2	41.2	S	
6953	7381	IMM	7/12 4/10				SSE	
7383	6953	IMM	" 5/11	49.2	40.3	51.6	SSE	
7385	7384	IMM	7/13	57.2	45.2	57.8	SSE	
	7387	IMM	"	52.0	42.8	54.2	S	
7388	7389	IMM	"	63.7	51.4	66.4	SSE	
7391	7390	IMM	"	53.1	39.8	54.7	SSE	
7393	7392	IMM	"	51.6	38.5	54.3	SSE	
7394	7395	IMM	"	48.0	36.5	48.8	SSE	
7396	7397	IMM	"	49.7	40.1	52.4	SSE	
7399	7398	IMM	"	49.0	39.9	52.7	SSE	
	7400	IMM	"	51.8	41.1	55.2	SSE	
7403	7402	IMM	7/14	55.1	43.9	57.4	1 (420)	
7404	7405	IMM	"	44.1	36.0	46.2	SNE	
7407	7406	IMM	"	43.8	35.3	45.3	SNE	
7409	7408	IMM	"	40.8	35.5	42.7	SNE	
7410		IMM	"	59.8	48.8	63.5	SSE	
7414	7415	IMM	"	58.6	46.5	62.1	SSE	
7416	7417	IMM	7/15	50.3	39.9	53.0	SSW	
7419	7418	IMM	"	45.0	36.8	47.8	SSW	
7421	7422	IMM	"	49.7	40.5	52.4	SN	
7423	7424	IMM	7/16	52.0	40.9	55.5	SN	
7426	7425	IMM	"	52.7	40.9	55.2	SN	
6705	6706	IMM	8/10/83	61.0	49.3	70.0	3	
	6704	AM	"					

check 6701, 02 & 03
LAYSAN BY
JOBIS ALCON

1. ~~Notes~~: 1- NORTH ISLAND, 2- LITTLE NORTH, 3- SOUTHEAST ISLAND,
4- SEAL KITTERY GRASS ISLANDS, ~~FRANK RIFE~~ extreme lagoon patch reefs

* MEASURED to Notch AT POSTERIOR EDGE of CARAPACE AS SHELL WAS DEFORMED

2] IMM - IMMATURE 0 - $\frac{BL}{(straight)}$ CH CARAPACE length
AM - ADULT MALE > $\frac{BL}{BL}$ CH CARAPACE length
AF - ADULT FEMALE > $\frac{BL}{BL}$ CH CARAPACE length
~~and numbers processed by ...~~

TABLE 1. TAG RECOVERIES OF ANIMALS TAGGED PRIOR TO 1983
(Body MEASUREMENTS in PARENTHESIS REPRESENT CURVED MEASUREMENTS.)

TAG LOSS?
new tags applied?

LOCATION?
check xerox
of field notes
by R.M.

TAGS		SEX/ AGE CLASS	1983 DATES	MEASUREMENTS STRAIGHT LENGTH (CM)	STRAIGHT WIDTH (CM)
	5522	AF	5/24	84.7	
5532	5533	IMM	6/06		
	5543	IMM	5/11	73.8 (79.5)	57.9
5545		AF	5/25		
5546		IMM	4/30	77.8 (83.5)	61.2 (77.5)
5548		AF	6/1 7/5		
5563	5562	AF	7/8 5/11	83.5	
5569	5568	IMM	4/28	63.0 (67.0)	62.0
5571	5570	IMM	5/24 7/17	51.0 (54.8)	40.7 (49.6)
	5577	AF	5/29	88.0	
5580		AF	5/10	93.0	
5581		AM	7/12		
5595	5593	AF	5/24		
5598		AF	4/30	85.5	
5599		AM	7/3		
5859		IMM	6/16 6/28 7/17	72.4	
	5864	AF	5/25	86.0	
5865		IMM	5/11 7/01 7/12 8/10	49.7 (51.6)	40.2 (47.5)
	5867	IMM	5/23		
	5873	IMM	5/12	65.0 (70.7)	52.5 (65.2)
6509	6507	IMM	6/18	68.0 (71.8)	54.0
		AM	7/8		
	6511	AM	5/19 5/25 7/07 7/04	90.7	
6512		IMM	4/30 7/4	79.2 (87.0)	
	6513	AM	6/1	81.0	60.9 (95.5)
6516		AM	5/12 5/25 6/1 7/17	80.8	

TAGS

RIGHT	LEFT	SEX/ AGE CLASS	DATES	MEASUREMENTS STRAIGHT LENGTH (CM)	STRAIGHT CUMUL (CM)
^B 2969	^{NEW} 6961	AM	4/30 6/7/7/5	90.0 SE IS.	72.5
296?		AF	7/6		
3473		AF	5/24 5/29	NORTH IS	ENTRY NO. 151 ENTERED
	^D 518?	AF	4/30		JUNE 81 FFS?
164		AM	6/1	89.9	
^A 937	2971	AM	6/28		out 78 P&H?
	^A 928	AM	5/24		
^A 899		AM	4/29		
^A 715		AF	5/29	93.8	

A) LARGE METAL TAGS

B) LARGE PLASTIC BLUE TAG

C) RIGHT REAR FLIPPER MISSING distal half; Right front flipper with shark bite wound

D) RIGHT REAR FLIPPER WITH SHARK BITE WOUND

from Sheridan Stone

Note:
3 & 11
are same
(2873) ::

10 tag records

Turtle observations

L. tag #	type	R. tag #	type
5589	HIMB sm. metal	886	US Wildlife lg. metal
present 5596	lg "	5590	HIMB sm. ? "
none	—	2873	7/24/78 lg. metal
749	axilla	189	US Wildlife SE "
3642	HIMB lg metal	3641	HIMB sm "
5566	" "	axilla	3/24/78; 6/24/80; 4/80
5598	(or 668P)	599	US Wildlife lg "
axilla	HIMB sm metal	5545	HIMB sm PH "
2012	HIMB bioplastic	1242	HIMB lg 11/7/77
5598	HIMB sm metal	5548	P sm 1/1/78
axilla	axilla	5548	HIMB " "

* blue plastic tag came out easily when filament manipulated for reading. Hole not torn through, but enlarged so tag had rotated, & pulled off with light pull.

P&H

4/29 - 5/10/82

Pearl & Hermes Reef

sex	length (cm)	loc.	date	Tag on well P
♀	94.5	v. good	5/6/82	Y
♀	56.5	v. good	"	YY
♂	— lg.	SE Is	4/29	(Y)
♂	86.0	v. good	5/7	Y fine stage
♀	99.0	good	"	YY
"	"	"	"	YY
♂	95.0	v. good	"	Y
♂	92.0	"	5/8	Y
♀	"	"	"	YY
♂	89.0	good	"	YY
♀	100 ± 1	fair	5/10	NY
♂	87	v. good	5/10	Y
"	"	"	"	YY

Matant:

V. good: matant checked, w/ plastic metric tapes, at least twice while turtle not moving, matants agreed w/in < .5 cm

Good - single matant, turtle not moving

from Sheridan Stone

Note:
3 & 11
are same
(2873) :: 10 tag recoveries

Turtle observations

L. tag #	type	R. tag #	type
5589	HIMB	886	US Wildlife lg. metal
present 596		5590	HIMB sm. i. "
none		2873	lg. metal
749	HIMB	189	US Wildlife SE "
axilla		364	HIMB sm. "
3642	"	axilla	3/24/78; 6/4/81; 4/80
5566	"	"	8/9/81 SE
?	(or 6687)	WASC	Notary US Wildlife lg "
5598	HIMB	5545	HIMB sm. metal
axilla		1272	HIMB sm. PH "
2011	HIMB	axilla	lg 11/7/77
?		5548	sm. i. PH "
5596	HIMB	2871	HIMB " "
axilla		axilla	7/24/78 & 8/19/81 SE

* blue plastic tag came out easily when fibrot manipulated for reading. Hde not torn through, but embossed no tag had notated, & pulled off with light pull.

Sheridan Stone
4/29 - 5/10/82

Pearl & Hermes Reef

sex	curv. length (cm)	loc.	date	Tag on well P
♀	94.5	v. good	5/6/82	Y
♀	56.5	v. good	"	YY
♂	— lg	—	SE Is	(Y)
♂	86.0	v. good	4/29	Y fine sample
♀	99.0	good	5/7	YY "
"	"	"	"	YY "
♂	95.0	v. good	"	Y "
♂	92.0	"	5/8	Y "
♀	"	"	"	YY "
♂	89.0	good	5/10	NY "
♀	100 ± 1	fair	5/10	Y "
♂	87	v. good	"	YY "

Matmt:

V. good: matmt checked, w/ plastic metric tape, at least twice while turtle not moving, matmts agreed w/in <.5cm

Good - single matmt, turtle not moving

Turtles

TABLE 2. ANIMALS TAGGED AT PEARL AND HERMES DURING 1983 FIELD SEASON;
 APRIL 28 - AUGUST 10. BODY MEASUREMENTS: A = STRAIGHT LENGTH (CM),
 B = STRAIGHT WIDTH (CM), C = CURVED LENGTH (CM), D = CURVED WIDTH (CM).

TAGS		SEX/ AGE CLASS	DATES	MEASUREMENTS				LOCATION #
RIGHT	LEFT			A	B	C	D	
6951		IMM	4/28					2
6952		IMM	"					1
	6953	IMM	4/30	79.2	60.7	89.0	95.5	3
	6954	AM	"	76.5	90.4	82.0	98.0	3
	6955	IMM	"	79.8	61.2	93.5	79.5	3
	6957	IMM	"	59.5	49.0	62.7	55.4	3
	6958	IMM	"	75.5	63.0			3
6959		IMM	"	81.2	69.0			3
6960		IMM	"	72.4	58.7			3
	6961	AM	"	90.0	72.5			3
6962	6963	IMM	5/02	64.5	62.5			1
	6964	IMM	"	74.0				1
	6965	AM	"	78.1				1
	6966	IMM	"	71.7				1
6967	6968	IMM	"	54.9	44.9	58.2	55.0	1
6970	6969	IMM	5/05	54.7	45.2	59.0	55.2	1
6971		AM	5/06	90.5				3
6972		IMM	5/05	71.2		76.1		3
6974	6973	IMM	5/07	50.8	46.5	53.5	49.9	1
6975		AF	5/10	74.3				1
6976		AM	"	92.5				1
	6977	AM	"	89.1				1
6978		AF	"	93.3				1
6979		AF	5/11	92.2				3
	6980	AF	"	83.5				3
	6982	IMM	"	49.7	40.2	51.6	49.5	3
	6983	IMM	"	69.2				3
	6984	IMM	"	73.7	62.2	80.5		3
6985		AF	"	93.0				3
6986		IMM	"	73.8	59.9	79.5		3
6987		AF	"	85.5				3
6988		AF	"	93.8				3
	6989	AF	"	48.4	38.9	52.5	49.0	1
6991	6990	IMM	5/12	65.0	52.5	70.9	65.2	1
6993	6992	IMM	"	71.3	59.1	98.4	71.5	1
	6994	IMM	5/14	86.8	65.7			3
6995		AM	5/19	90.7				3
	6996	AM	"					3
	6997	AF	"					3
	6998	IMM	"	87.5				3
	6999	AM	"					3
7000	7001	IMM	5/24	49.7	41.2	53.0	50.5	1
7002		AM						

TAGS		SEX/ AGE CLASS	DATES	MEASUREMENTS				LOCATION
RIGHT	LEFT			A	B	C	D	
7003		1MM	5/24					1'
7004		AM	"					1'
	7005	AM	"					1'
	7006	AM	"					1'
7007		1MM	"					1'
7008		AF	"	81.8				1'
	7009	1MM	5/25	90.1				1'
	7010	1MM	"	76.1				3'
	7011	AF	"	67.1	55.5	72.4	68.1	3'
	7012	1MM	"					3'
7013		1MM	"					3'
7014		1MM (♀)	"					3'
	7015	AM	"	79.8		86.1		3'
	7016	1MM	5/29	80.8				3'
	7017	1MM	"	51.0	40.7	54.8	49.6	1'
	7018	1MM	"	74.4				1'
	7019	AF	"	77.4				1'
	7020	AM	6/01	88.5				1'
	7021	AM	"	87.9				3'
7022	7021	AM	"	80.1				3'
7024	7023	1MM	6/06	53.3	44.0			5'
7026	7025	1MM	"	51.2	39.8			5'
7027	7028	1MM	"	59.8	46.4			5'
7029	7030	1MM	"	57.5	46.8			5'
7031	7032	1MM	"	52.2	41.5			5'
7034	7033	1MM	"	59.4	47.9			5'
7038	7036	1MM	"	57.8	48.0			5'
7035	7037	1MM	6/11	46.1	37.5	48.2		5'
7040	7041	1MM	"	51.5	41.8	55.3		5'
7042	7043	1MM	"	43.7	35.0	46.6		5'
7045	7044	1MM	"	53.5	43.3	56.0		5'
7047	7048	1MM	"	68.0	53.0	73.2		5'
7049	7050	1MM	6/14	66.5	49.3	71.2		5'
7052	7051	1MM	"	60.0	46.1	63.9		5'
7054	7053	1MM	"	42.7	32.5	44.5		5'
7056	7055	1MM	"	46.8	35.9	48.7		5'
7059	7057	1MM	"	43.1	35.6	45.0		5'
7061	7062	1MM	"	45.3	36.4	48.2		5'
7064	7063	1MM	"	39.0	31.4	40.4		5'
7065	7066	1MM	"	47.2	38.5	47.7		5'
7067	7069	1MM	"	63.7	49.7	68.4		5'
7071	7070	1MM	6/18	58.4	46.9	62.6		3'
	7072	1MM	"	68.0	54.0	71.8		3'
7073		1MM	"					3'
7076		1MM	"	48.9	38.8	52.0		3'
7080	7077	1MM	6/19	58.1	45.2	62.4		5'

TAGS		SEX/ AGE CLASS	DATES	MEASUREMENTS				LOCATION
RIGHT	LEFT			A	B	C	D	
7082	7081	1MM	6/20	4.0	39.6			S
	7083	1MM	6/25					3
	7084	1MM	6/28	72.4				3
7085	7086	1MM	6/29	42.5	34.7	44.7		S
7087	7088	1MM	6/30	39.8	33.1	41.2		S
7090	7089	1MM	"	50.5	39.0	53.5		S
7092	7091	1MM	"	46.8	36.3	48.8		S
7093	7094	1MM	"	40.0	33.0	42.9		S
7095	7097	1MM	"	37.4	29.9	38.9		S
7100	7101	1MM	"	46.7	37.5	49.1		S
7102	7103	1MM	7/01	59.0	46.2	62.1		S
7104		AF	7/03	82.7	65.5			W
	7105	1MM	"	75.5				W
7106		AM	"	90.1				W
7107	7108	1MM	7/05	40.0	33.8	42.4		3
	7109	AF	7/06					1
	7110	AF	"					1
	7111	1MM	"					1
7113	7114	1MM	"	44.6	34.4	45.0		2
7115	7116	1MM	"	52.8	42.7	55.7		S
7117	7118	1MM	"	45.2	34.3	47.1		S
7120	7119	1MM	7/07	43.0	35.8	45.9		S
7121	7122	1MM	"	53.8	41.7	56.5		S
7123	7124	1MM	"	45.7	36.7	48.5		S
7125	7126	1MM	"	44.5	36.7	46.4		S
7128	7127	1MM	"	47.1	37.6	49.7		S
7129	7130	1MM	"	57.2	44.5	60.0		S
7131	7132	1MM	"	49.5	40.5	51.5		S
7134	7135	1MM	"	40.5	33.4	42.1		S
7137	7136	1MM	7/08	51.5	41.2	54.8		3
7138	7139	1MM	"	44.0	36.2	45.9		S
7140	7141	1MM	"	51.7	40.8	55.0		S
	7143 7145	1MM	"	53.8	43.5	55.5		S
7146	7149	1MM	7/09	48.8	39.5	51.7		S
7351	7150	1MM	"	44.9	37.7	49.2		S
7352		AF	7/11	77.5				1
7353	7354	1MM	"	50.0	41.5	53.0		1 (H ₂ O)
7356	7355	1MM	"	45.7	37.4	47.1		2
7359	7358	1MM	"	56.2	42.5	59.6		S
7361	7360	1MM	7/12	45.5	37.5	49.9		S
7362	7364	1MM	"	63.5	49.2	68.0		S
7365	7363	1MM	"	44.1	36.8	45.8		S
7367	7366	1MM	"	43.7	35.4	45.5		S

TAGS		SEX/ AGE CLASS	DATES	MEASUREMENTS				LOCATION
RIGHT	LEFT			A	B	C	D	
7369	7368	1MM	7/12	45.4	34.3	49.2		5'
7371	7370	1MM	"	48.2	39.8	49.7		5'
7372	7373	1MM	"	56.0	46.5	59.9		5'
7375	7374	1MM	"	49.4	39.1	51.5		5'
7376	7377	1MM	"	54.3	42.2	59.8		5'
7378	7380	1MM	"	39.5	34.2	41.2		5'
	7381	1MM	"					3'
7383		1MM	"	49.7	40.3	51.6		3'
7385	7384	1MM	7/13	57.2	45.2	59.8		5'
	7387	1MM	"	52.0	42.8	54.2		5'
7388	7389	1MM	"	63.7	51.4	66.4		5'
7391	7390	1MM	"	53.1	39.8	56.7		5'
7393	7392	1MM	"	51.6	38.5	54.3		5'
7394	7395	1MM	"	48.0	36.5	48.8		5'
7396	7397	1MM	"	49.7	40.1	52.4		5'
7399	7398	1MM	"	49.0	39.9	52.7		5'
	7400	1MM	"	51.8	41.1	55.2		5'
7403	7402	1MM	7/14	55.1	43.9	57.4		1 (H2O)
7404	7405	1MM	"	44.1	36.0	46.2		5'
7407	7406	1MM	"	43.8	35.3	45.3		5'
7409	7408	1MM	"	40.8	35.5	42.7		5'
7410		1MM	"	59.8	48.8	63.5		5'
7414	7415	1MM	"	58.6	46.5	62.1		5'
7416	7417	1MM	7/15	50.3	39.9	53.0		5'
7419	7418	1MM	"	45.0	36.8	47.8		5'
7421	7422	1MM	"	49.7	40.5	52.4		5'
7423	7424	1MM	7/16	52.0	40.9	55.5		5'
7426	7425	1MM	"	52.7	40.9	55.2		5'
6705	6706	1MM	8/10	61.0	49.3	70.0	53.0	3'
	6704	AM	"					

94 juveniles
($\leq 65\text{cm}$)

157 TOTAL

!! Location: 1- NORTH ISLAND 2- LITTLE NORTH 3- SOUTHEAST ISLAND
4- SEAL KITTERY/GRASS 5- "TURTLE REEF"

PENAC & MERMOS

1983

ROB MORROW

BILL GILMARTIN

NOTES

0714 - 1800 SE Island

of seven animals, 3 white points

seen - 1A07 A♀ 1MM

see PM observations for notes, census

0210 - Alan Kam → Seal Territory
BATTLE PITS seen w/ fresh tracks
AT SEARS Island

0706 - Saw A♂ at South Beach for

w/ form as was cleaned by binoculars -

was extremely fowled up/shape -

Maintained profile in shadow

0708 put on seal stands w/ plywood on

Beach coast for watching nocturnal

patterns - was to see if Avores, it

because it's shape, presence, etc.

Traces holes were it day basking.

last 2 days at TR only 2 animals

seen w/ tags

0705 Animal seen at Green Island -

same spot as previous sightings

0709

A? seen grass island - same area

NMTR 5 juveniles seen on Baskings
Rocks

0711 A? seen grass

0713 2A seen grass 1A♂ w/ TAG LEE
1A♀

Nocturnal Howling

- Future Research
- Night Census
- Starlight Scope
- find when animals Δ day/night
- is it the same animals
- separate sex animals utilize

Why Night?

- Temp
- Predators
- Moon/Tide

How to identify animals -

- Post
- Animals very Spooky

24 hr Shows records

when leave a bag AM
why?

0630 TR-

Saw this individual 2 bottles sure
today - definitely < 35CM
No tagged animals seen

0701 on 0625 painted 5 bottles basing
SE back. did not detect animals.
what I see if see again at night -
Diurnal/Nocturnal use patterns?

0704 4 adult animals parts of white
for night observations - do animals
land on back at night/day any?

0706 we saw 4 caught 2 bottles
at little more, first time animals
seen here. Saw 1 AZ basking at
LN - also a first

0706 0730-0830 has observations being
Animals appear to be a bit at air
Right after first darkness - not
much movement from 0730-0830 -
however signs in A.M. shows that
Animals also move higher on tree

RECORDED DATA

167? (164) I was Part of Harris 0906

TIS FFS 0572

2969 w/ BLUE

HAS EWS 1966 FFS

1979 P&H 2969 w/ BLUE HONEY

3473 FFS W/ H. SKATE 0680

578? FFS 0681

5500 - 5500

6500 → P&H 1582

Notes

0522 - Turtle seen basking SE island
E Rocks - part of island

(3) Turtles 1A? 2 Juveniles
seen basking at Slipway
E lagoon edge - 2 others
seen in H₂O

0608 2.9M Tiger Shark caught SE
w/ Turtle Remains in stomach

0612 A? seen slipping in 2M H₂O. H.L.E
Beef size of grass blades

0613 5 Juvenile turtles seen "basking" out
on mature lagoon reef @ low tide -
Several others seen in Area - Friday same
As turtle Reef

0614 2 IMMATURES seen in H₂O → Passed x2
1 A? seen basking

census counts on N.E. side SE both have
dropped off severely - see Gilman's census
from 0602, 0610 etc.

0618 1 A? seen at Sea King N Shore
① 2M-foot Shark - H₂O → N
H₂O 0.5?

1 Ad seen at Grass Nod - REEL
below - same as 0612

0619 - Turtle REEL
of 5 tracks seen at ROP W of
(TR) 2 were tagged
of 4 seen at (TR) 2 were tagged
one very small 20cm burrows seen
be last the

0620 2nd Tiger Cragl 2.37M
2 Abbotson chutes in fur

Pen & night census 0330, saw 5 bottles
on the beach and several others in the 100
m² close & shore, some feeding activity -

For the last few weeks have seen a
marked decrease in feeding tracks both SE
and NE during daylight hrs. Perhaps the
tryp does not require diurnal basking, or
nocturnal basking increase during this period -
wants to see if have had surface counts at
night -

0624 Turtle Reef Drains

SE → 20' E
30' W of box
1 Turtle seen up/ 7095

not be able to look at nocturnal
basking at NE - several (5) fresh
tracks seen at SE Reef today
(low tide) - marks have been since X
have originally mistake night census
flashed at Chert NE of SE L.
(examined patterns - did they just
stop daily basking & start at night?
or did a second group utilize beach
at night - examine for tagged
animals at night that were seen
daily census - if new numbers perhaps
different cohorts utilizing specific
AREAS -

in RE to track substrate at NE,
same location erosion - from sand →
cobble but not significantly Δ bet
for basking - 2 Mark Great I/p/p
panels present at times? SEE
Collected census data - turtle
disappearance coincides

0628 TR saw 1 larger 10M basking
on Rocky overhangs - many
untagged animals seen

Census

6/11 TIDE CHART

April 30

Census from TAG DATA

0502

0510

0511

0517

0524

0525

0527

0601

P/H CENSUS

CENSUS DATA

Basely

#Animals #20

DATE Location

4 IMMAT.
A♂ 2
A♀ 3
A? 1

830502 NI
① SE Cove
Wind S SE
35% Cloud Cover
Med. TIDE ↓

1 A? BEACH

② NE

A♂ 2
A♀ 5
A? 1
IMM. 3

1 IMMATURE
3 A?

830505 NI
Wind 15-20 E
Cool
30% Cloud Cover
TIDE H ↓
130

A♂ IMM 1
A♀ 5
A? 1
IMMATURE 5

A♂
A♀
A? 1

850506 SE
1630
Wind ESE 10
50% Cloud Cover
TIDE: MEDIUM ↓

1
1
2
3

A?
A♂
A♀
IMMATURE 1
6957

850509 1530 SE
Wind 15-20 N
Cool
TIDE High
50% Cloud Cover

1
1
IMMATURE 2

A?
A♂ 1
A♀
IMMATURE 2

850510 NI
1030
Wind NNE 5
TIDE Low ↑
95% Cloud Cover

VI 850512 1400
95% Cloud COVER
WIND 0-5 E
TIDE: MEDIUM

BASKING

IMMATURE 5

A? 1

A? 2

A? 1

H₂O

A? 1

IMMATURE 4

NI 850516

1030 Wind 15-20 Cal
10% Cloud COVER
TIDE MED ↓

Swimming:

IMMATURE 3

BASKING

A? 2

A? 1

IMMATURE 4

850615 1530 TIDE L →
WIND LN

SE (2) IMMATURE

(1) A? 1

(1) A? 2

1 A? H₂O

830616 1630 TIDE L ↑

WIND 10N 20% Cloud

3 A? 1

(1) IMMATURE

(H₂O)

1 A? 1 A?

0617 1430 TIDE L ↑
SE Wind 10-15 NNE
15% Clouds

1 IMMATURE BASKING

2 A? H₂O

0618 SE Cloud 1600 TIDE L

Wind 5-10 ESE
15% Clouds

A? 2 IMMATURE H₂O

2 A?

(1) IMMATURE

0619 SE 1 A? 2 H₂O A?

0620 SE 1 A? 1 A? 1 IMM
4-12 H₂O @ 2100

1430 1 IMM H₂O
windy 15-25 SE
day-warm H/L fog

0620 1730 SE Windy SE @ 10-15
WIND

1 IMM

2 A?

2 A?

3 A? H₂O

1 IMM H₂O

0621 0930

Tide low wind SSE
warm/fair

AOT on dry sand w/ pit from sand
frame of crabs - 50% covered.

Basking

2 1MM

3 AOT

1 1MM

A?

N?

H2O

2 A?

2 1MM

0623 SE

1530

1 1MM

0624

NE low tide 1130
wind 10-15 SE

Hot

1 1MM H2O

0624 SE

1500

0 turtles

~~1640 1 1MM
1 AOT~~

0624 NZ 1100 No animals Basking

Numerous tracks in
sand from light

1 1MM H2O

0625 0500 TIDE MV

wind S SSE

Cool, Moon; full

AOT

1 1MM

A?

0628 SE

1530

TIDE ML ↑

WARM

wind NNE

15

2 A? H2O

2 1MM Basking

1 AOT Basking

0629 SE

1730

TIDE ML ↑

2 A?

2 1MM

1 AOT

1 A? H2O

wind SSE 10

0701 NZ

1415

wind S SSE

WARM

TIDE ML ↑

1 1MM B

1 1MM H2O

2 A? H2O

0701 SE
1 A♀

0703 SE 1515 wind ENE 15:20
TIDE H ↑

H20 (1) MM
(1) A? Black
A♂ (4)
A♀ (1)
1 MM (1)

0704 W 2015 wind N-20 ENE
TIDE H Cool

4 A♂ B 11 MM B
2 A? B
1 A? H20

0705 SE 1630 wind SSE at N
TIDE H ↓

A♀ (1111)
1 MM (1)
A♂ (1111) 1 A? H20

0706 NE 1130 wind ESE ~10
7020 cloud
TIDE H ↑

Black
1 MM (4)
A♀ (4)
A♂ (1) H20
31 MM
1 A♂

White N
31 MM H20
1 A♀ Bakery

0706 SE 0300 TIDE M?
wind 10 SE
cloudy - No Moon

25 ANIMALS
Pebble Bk - 411 A♀
CAUSES

0706 NE 2300 Annals
wind 10 SE
TIDE H ↑

Bk
A♂ 10 11 MM
A♀ 9 "Red light" - last 5 animals
1 MM 8 "Red light" (1) flower at
Dart off

0707 SE 3 whole months animals
from 0704 seen

1700 8 animals bk

0708 SE 1600 WIND 10-15 ENE
20% cloud
TIDE H ↓
Bch A♂
A♀
1MM
A♀

0709 NE 1200
♀ Animals 1MM H2O

0711 NE 1400 TIDE L
WIND 10 SE
30% cloud
Bch H2O
2MM
2A♀

0714 NE 1330 Wind SW 7-10
30% clouds TIDE M ↓
BASKING H2O
A♂ III 2MM
MM II

0715 NI 1400 WIND NE 10-15
squall conditions
TIDE M ↓

Bch
A♀ A♂
A♂ TUMORS LF, VERY NECROTIC TISSUE
AT TAG AREA → SHOULDER TUMOR -
LIKE GROWTHS - Animal appear healthy w/
USE of LIMB

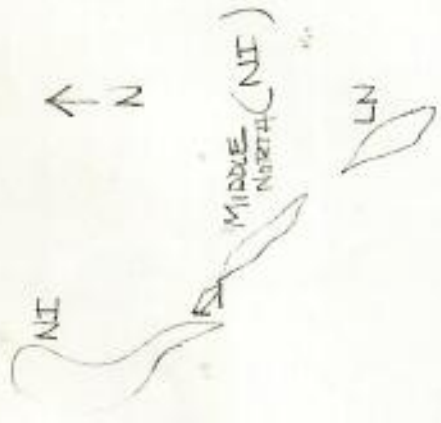
0715 - 1600 SE
1A?

0717 SE 1200
2A♂
1A♀
1MM
1A? H2O
(1) "whitey" seen
Bch (1MM)
PAINT STRIP GOOD

0810 0830-1100
NI
WIND NNE 15K
SQUALLS
No TURTLES NI
EVIDENCE NOUTURNAL FEEDING
SCATS COLLECTED
No Animals seen H2O

1983 Parul/Hermes Field Station

830428 - North I Censuses need maps
 830429 - South I. TAG SERIES TAKEN TO P.M.
 830502 North I.



SL = straight length - curved length (cm)
 SW = straight width

DATE	LOCATION	AGE/SEX	OLD TAG	NEW TAG	R	Z	(Cm)
830428	L. North	IMMATURE		651			
	North	IMMATURE	5569	5568			570428-83 Curved length 67 SW 59.6 62
	North	IMMATURE		652			570428 607 652
830430	SE	IMMATURE	6512				570428-87 SL 72.4 SW 60.7-75.5
		Eggs flipped 2 tags		Painted 3			
830430	SE	A ♂ (IMM)					6954 SL 76.5-82 SW 70.7-88
		Shed feather					(MORNING 6)
830430	SE	IMMATURE	5546				SL 77.8-83.5 SW 61.2-71.5
		Painted 1					
830430	SE	IMMATURE					6957 SL 59.5-67.7 SW 47-55.7
		Painted 2					
830430	SE	A ♂	2967				6961 SL 90 SW 72.5
		Painted 7					Blue patch tag left - worn
830430	SE	IMMATURE					6958 SL 75.5 SW 63
		Painted 4					
830430	SE	A ♀	5598				SL 85.5
830430	SE	IMMATURE		6957			SL 81.2 W 69
		Painted 5					
830430	SE	IMMATURE		6960			SL 72.4 SW 58.7
		Painted 6					
830430	SE	A ♀	518?				
		RR Flip					
830502	NI	IMMATURE		6962			SL 64.5 SW 61.5
		Left tag upside down					
830502	NI	IMMATURE		6964			SL 74
		Painted 6					
830502	NI	A ♂ (IMMATURE)					6965 SL 78.1

WRT length measurement with previous lengths

(2)

DATE	LOCATION	AGE/SEX	OLD TAGS	NEW TAGS	Morph. MARKS
830502	NI	IMMATURE	—	6966	71.7 SL
830502	NI	IMMATURE	—	6967	54.7 SL
830505	NI	Left TAGS NOT FORMALLY CRIMPED	—	58.2 CL 44.7 SW 55.2 CW	58.2 CL 44.7 SW 55.2 CW
830505	NI	IMMATURE	—	6970	54.7 SL 45.2 SW 57 CL 55.2 CW
830505	SE	IMMATURE	—	6972	71.2 SL 76.1 CL
"	SE	A07	—	6971	90.5 SL
830506	SE	phorbis	TAIL W/BITE REF MISSING DISTAL where branches 12	—	—
830507	NI (SE BOW)	IMMATURE	—	6974	—
830510	NI (SE)	A♀	40.5 SW	6975	SL 94.3 PAINT
830510	"	A07	—	6976	SL 82.5
830510	"	A07	—	6977	87.1 SL (a)
830510	"	A♀	5580	6978	SL 93.3 (1)
830511	SE	2X TAGS RFF	—	6979	SL 92.2
		A♀	—	—	—
			After TAGS animal e/ta H ₂ O - VERT BYANT - BIRD FLIPPER CALL - NOT DONE	—	—

* RESKATING
NOTE: 6980 MAY NOT BE TOTALLY CRIMPED

(3)

DATE	LOCATION	AGE/SEX	OLD TAGS	NEW TAGS	Morph. MARKS
6980	SC	A♀	5563	6980	93.5 SL
6982	"	IMMATURE	5865	6982	49.7 SL 51.6 CL 40.1 SW 47.5 CW
6983	"	IMMATURE	—	6983	69.2 SL
6984	"	IMMATURE	—	6984	73.7 SL 80.5 CL 62.2 SW
6985	"	A♀	—	6985	93.0 SL
6986	"	IMMATURE	5543	6986	73.8 SL 77.5 CL 57.9 SW
6987	"	A♀	—	6987	85.5 SL
6988	"	A♀	—	6988	—
6989	"	A♀	—	6989	93.4 SL
6990	SE	A07	5516	—	—
6992	NI	IMMATURE	5873	6993	SL 65.0 CL 70.7 52.5 SW 52.5 CW 65.2
6991	"	IMMATURE	—	6991	SL 48.4 - 52.5 SW 38.9 - 47.0
6997	NI	A07	6977	—	—
6994	NI	IMMATURE	—	6994	71.3 SL 78.4 CL 59.1 SW 71.5 CW
6995	SE	A07	—	6995	86.8 SL 65.7 SW
6998	SE	IMMATURE	6983	6998	POST-100% TAGS MAY BE POST
6996	SE	A07	6511	6996	SL 90.7
6997	SE	A♀	—	6997	on the bow - CLASSIFIED?
6999	SE	A07	—	6999	SL 87.5
7000	SE	IMMATURE	5867	7000	SL 49.7 CL 53.0 SW 41.2 CW 50.5
7002	NI	IMMATURE	—	7002	—
7001	NI	A07	—	7001	—
7002	NI	A♀	5473	7002	—

chip
POSTERIOR
283 MARKS

③

DATE	LOCATION	SEX/AGE	OLD TAGS		NEW TAGS	MORPHO-METRICS
			R	L		
0524	NI	IMMATURE	6974	6973	7003	WENT IN H ₂ O TOO QUICK
"	"	IMMATURE				
"	"	A ♀	5595	5593		SL 84.7
"	"	A ♀	5522			SL 81.8
"	"	IMMATURE			7007	SL 90.1
"	"	A ♀			7008	HAD LONG TAIL BUT SCANNY TAIL
"	"	A ♂?				TAIL TUCKED BUT HAD NOT TUCK
"	"	IMMATURE	6562	6563	7005	LONG TAG
"	"	A ♂?			7006	
"	"	A ♂?	928			
"	"	IMMATURE	5371	5370		
"	"	A ♂?			7004	
"	"	IMMATURE				SL 76.9
0525	SE ISLAND	IMMATURE			7009	SL 67.1 CW 72.5 SW 55.5 CW 68.1
"	"	IMMATURE			7010	TAIL FROG TAG LFF
"	"	A ♂	6987	6988		SN 68.1
"	"	A ♀			7011	
"	"	A ♂	6511	6516		
"	"	A ♀	5545			TAIL STILL NOT ROUNDED
"	"	A ♂	6971			
"	"	IMMATURE			7012	
"	"	IMMATURE	6960			SL 86.0
"	"	IMMATURE	6957	7013		REB MISSING REF (NO TAG)
"	"	A ♀	5864			SL 79.8 CW 61.1
"	"	IMMATURE			7014	SL 80.8
"	"	A ♂	6516			SL 81.0 CW 54.5 SW 49.6
0529	NI	IMMATURE	5571	5570		

DATE	LOCATION	SEX/AGE	OLD TAGS		NEW TAGS	MORPHO-METRICS
			R	L		
"	NI	A ♀	8473	?	7017	SL 74.4 ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿ BLU PLASTIC LFF TAIL NOT HEALED
"	NI	IMMATURE			7018	SL 77.4 ③
"	NI	IMMATURE			6965	SL 78.4 ③
"	NI	A ♂	6976			SL 82.5 ③
"	NI	A ♀	5577			SL 89.0 LFF ④ ⑤
"	NI	A ♀			7019	SL 88.5 ⑤
"	NI	A ♀				
"	NI	IMMATURE	6970	6969	7020	89.9 SL ④
"	SE	A ♂	164			71.8 SL 77.6 LL ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ ㉔ ㉕ ㉖ ㉗ ㉘ ㉙ ㉚ ㉛ ㉜ ㉝ ㉞ ㉟ ㊱ ㊲ ㊳ ㊴ ㊵ ㊶ ㊷ ㊸ ㊹ ㊺ ㊻ ㊼ ㊽ ㊾ ㊿ BLU PLASTIC LFF TAIL NOT HEALED
"	"	IMMATURE	779			
"	"	IMMATURE			6518	
"	"	A ♀	5548			
"	"	A ♂			6513	SL 81.0
"	"	A ♂			7022	SL 80.1 LFF ⑤
"	"	A ♂	6516			
0606	SE ISLAND	IMMATURE			7023	53.3 SL 44.0 SW 47.7 SL 39.8 SW 39.8 SL 46.4 SW 52.5 SL 46.8 SW 52.2 SL 41.5 SW 59.4 SL 47.9 SW 57.8 SL 48.0 SW
"	"	IMMATURE	7026	7025		
"	"	"	7027	7028		
"	"	"	7029	7030		
"	"	"	7021	7032		
"	"	"	7034	7033		
"	"	"	7039	7036		
"	"	"	5532	5533		
0607	SE ISLAND	A ♂	2469			
"	"	"	6471			
0608	"	IMMATURE			6982	

⑦

DATE	SEX	TAGS (OLD)	NEW TAGS	MORPHOMETRICS	COMMENTS	SEX	NEW TAGS	MORPHOMETRICS	COMMENTS
0611	IMM		7035	46.1 SL 37.5 SW			7035	SL 81.3	987 LARGE TAG
"	"		7040	51.5 SL 41.8 SW					LARGE TAG
"	"		7042	43.7 SL 35.0 SW					
"	"		7043	53.5 SL 43.3 SW					
"	"		7044	48.0 SL 39.0 SW					
"	"		7048	66.5 SL 49.3 SW					
"	"		7050	60.0 SL 46.1 SW					
"	"		7051	42.3 SL 32.5 SW					
"	"		7053	46.8 SL 35.9 SW					
"	"		7055	43.1 SL 35.6 SW					
"	"		7057	45.0 SL 36.4 SW					
"	"		7062	39.0 SL 31.4 SW					
"	"		7063	47.2 SL 38.5 SW					
"	"		7065	63.7 SL 49.7 SW					
"	"		7069	55.3 SL 40.4 SW					
"	"		7064						
"	"		7066						
"	"		7067						
"	"		7068						
"	"		7069						
"	"		7070						
"	"		7071						
"	"		7072						
"	"		7073						
"	"		7074						
"	"		7075						
"	"		7076						
"	"		7077						
"	"		7078						
"	"		7079						
"	"		7080						
"	"		7081						
"	"		7082						
"	"		7083						
"	"		7084						

⑧

DATE	SEX	TAGS (OLD)	NEW TAGS	MORPHOMETRICS	COMMENTS	SEX	NEW TAGS	MORPHOMETRICS	COMMENTS
0611	IMM		7035	46.1 SL 37.5 SW			7035	SL 81.3	987 LARGE TAG
"	"		7040	51.5 SL 41.8 SW					LARGE TAG
"	"		7042	43.7 SL 35.0 SW					
"	"		7043	53.5 SL 43.3 SW					
"	"		7044	48.0 SL 39.0 SW					
"	"		7048	66.5 SL 49.3 SW					
"	"		7050	60.0 SL 46.1 SW					
"	"		7051	42.3 SL 32.5 SW					
"	"		7053	46.8 SL 35.9 SW					
"	"		7055	43.1 SL 35.6 SW					
"	"		7057	45.0 SL 36.4 SW					
"	"		7062	39.0 SL 31.4 SW					
"	"		7063	47.2 SL 38.5 SW					
"	"		7065	63.7 SL 49.7 SW					
"	"		7069	55.3 SL 40.4 SW					
"	"		7064						
"	"		7066						
"	"		7067						
"	"		7068						
"	"		7069						
"	"		7070						
"	"		7071						
"	"		7072						
"	"		7073						
"	"		7074						
"	"		7075						
"	"		7076						
"	"		7077						
"	"		7078						
"	"		7079						
"	"		7080						
"	"		7081						
"	"		7082						
"	"		7083						
"	"		7084						

THIS TAG BARE APPROX 80% STOK

20% LOW BIRTH ANIMAL APPROX 14.5% NOTCH

LFF TROILING FACE w/ DISC AND FEE

CAUGHT SHARK ROCKS SE WHITE JAWT FROM 6/27

BLE PLASTIC LFF

NOT READ AT 20% 2.6

LOCATIONS

0611 IMM
0612 IMM
0613 IMM
0614 REF
0615 IMM
0616 IMM
0617 IMM
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DATE	SEX	NEW TAGS		METRICS	COMMENTS	OLD TAGS		NEW TAGS		METRICS	COMMENTS	
		R	L			R	L	R	L			
3/26	115	A♀		7109				7356	7355	SL 49.7 SW 37.4	CL 47.1	ALGAE
"	"	A♀		7110								
"	"	IMM	6953					6957	6958			
"	"	IMM	6959					7000	7001			
"	LN	IMM		7113	7114	SL 44.6 SW 34.2	CL 45.0					ALGAE SAMPLE ①
"	LN	IMM	7071	7070								ALGAE ②
3/26	TR	IMM		7115	7116	SL 45.2 SW 34.3	CL 45.1					ALGAE ③
"	"	IMM		7117	7118	SL 43.9 SW 33.3						
"	"	IMM		7120	7119	SL 43.3 SW 33.3						
"	"	IMM		7121	7122	SL 53.8 SW 41.5						
"	"	IMM		7123	7124	SL 49.7 SW 37.1	CL 48.5					
"	"	IMM		7125	7126	SL 44.5 SW 34.3						
"	TR	IMM		7128	7127	SL 47.1 SW 36.7						
"	"	IMM		7129	7130	SL 47.2 SW 36.8						
"	"	IMM		7131	7132	SL 45.5 SW 35.2						
"	"	IMM		7134	7135	SL 45.5 SW 35.2						
3/26	SE	IMM		7137	7136	SL 51.5 SW 41.2	CL 54.8					ALGAE SAMPLE ④
"	TR	IMM		7138	7139	SL 47.0 SW 35.9						
"	"	IMM		7140	7141	SL 51.7 SW 40.8						
"	"	IMM		7143	7145	SL 52.8 SW 42.5						
3/26	SE	A♂	6509									
"	"	A♀	5563									
3/26	TR	IMM		7149		SL 48.9 SW 39.3						
"	"	IMM		7351	7150	SL 44.9 SW 37.7	CL 47.2					
"	NI	A♀		7352		SL 73.5						
"	NI	IMM	6962	6963								
"	NI	A♂		7353	7354	SL 50.0 SW 41.5	CL 53.0					
3/26	TR	IMM		7359	7358	SL 49.2 SW 34.5	CL 49.2					ALGAE ⑤
"	TR	IMM		7360	7359	SL 49.2 SW 34.5						
"	TR	IMM		7361	7360	SL 49.2 SW 34.5						
"	TR	IMM		7362	7361	SL 49.2 SW 34.5						
"	TR	IMM		7363	7362	SL 49.2 SW 34.5						
"	TR	IMM		7364	7363	SL 49.2 SW 34.5						
"	TR	IMM		7365	7364	SL 49.2 SW 34.5						
"	TR	IMM		7366	7365	SL 49.2 SW 34.5						
"	TR	IMM		7367	7366	SL 49.2 SW 34.5						
"	TR	IMM		7368	7367	SL 49.2 SW 34.5						
"	TR	IMM		7369	7368	SL 49.2 SW 34.5						
"	TR	IMM		7370	7369	SL 49.2 SW 34.5						
"	TR	IMM		7371	7370	SL 49.2 SW 34.5						
"	TR	IMM		7372	7371	SL 49.2 SW 34.5						
"	TR	IMM		7373	7372	SL 49.2 SW 34.5						
"	TR	IMM		7374	7373	SL 49.2 SW 34.5						
"	TR	IMM		7375	7374	SL 49.2 SW 34.5						
"	TR	IMM		7376	7375	SL 49.2 SW 34.5						
"	TR	IMM		7377	7376	SL 49.2 SW 34.5						
"	TR	IMM		7378	7377	SL 49.2 SW 34.5						
"	TR	IMM		7379	7378	SL 49.2 SW 34.5						
"	TR	IMM		7380	7379	SL 49.2 SW 34.5						
"	TR	IMM		7381	7380	SL 49.2 SW 34.5						
"	TR	IMM		7382	7381	SL 49.2 SW 34.5						
"	TR	IMM		7383	7382	SL 49.2 SW 34.5						
"	TR	IMM		7384	7383	SL 49.2 SW 34.5						
"	TR	IMM		7385	7384	SL 49.2 SW 34.5						
"	TR	IMM		7386	7385	SL 49.2 SW 34.5						
"	TR	IMM		7387	7386	SL 49.2 SW 34.5						
"	TR	IMM		7388	7387	SL 49.2 SW 34.5						
"	TR	IMM		7389	7388	SL 49.2 SW 34.5						
"	TR	IMM		7390	7389	SL 49.2 SW 34.5						
"	TR	IMM		7391	7390	SL 49.2 SW 34.5						
"	TR	IMM		7392	7391	SL 49.2 SW 34.5						
"	TR	IMM		7393	7392	SL 49.2 SW 34.5						
"	TR	IMM		7394	7393	SL 49.2 SW 34.5						
"	TR	IMM		7395	7394	SL 49.2 SW 34.5						
"	TR	IMM		7396	7395	SL 49.2 SW 34.5						
"	TR	IMM		7397	7396	SL 49.2 SW 34.5						
"	TR	IMM		7398	7397	SL 49.2 SW 34.5						
"	TR	IMM		7399	7398	SL 49.2 SW 34.5						
"	TR	IMM		7400	7399	SL 49.2 SW 34.5						

①
DATE SEX

NEW TAGS
R L

METRICS

COMMENTS

OLD TAGS
R L

METRICS

COMMENTS

NEW TAGS
R L

METRICS

COMMENTS

ALGAE SAMPLE ①

ALGAE ②

ALGAE ③

ALGAE SAMPLE ④

ALGAE ⑤

ALGAE ⑥

ALGAE ⑦

ALGAE ⑧

MISSING AT
MARKER - photo

ALGAE ⑨

SITE	LOCATION	AGE/SEX	OLD TAGS		NEW TAGS		MORPHOMETRICS	COMMENTS
			R	L	R	L		
0714	NI	IMM	7353	7354				SAME AREA TAKEN
"	"	IMM			7403	7402	SL 55.1 CL 57.4 SW 43.9	H ₂ O CAPTURE
"	NE TR	IMM			7404	7405	SL 47.1 CL 46.2 SW 36.0	ALGAE (10)
"	NE TR	IMM			7407	7406	SL 43.8 CL 45.3 SW 35.3	ALGAE (11)
"	NE TR	IMM			7409	7408	SL 40.8 CL 42.7 SW 35.5	ALGAE (12)
"	SE TR	IMM			7410		SL 59.8 CL 65.5 SW 48.8	ALGAE (13)
"	SE TR	IMM	7035	7037				
"	SE TR	IMM			7414	7415	SL 58.6 CL 62.1 SW 46.5	
0717	SE	AO?	6516	7015				
"	"	IMM	5859	7084				
0718	SW TR	IMM			7416	7417	SL 50.3 CL 53.0 SW 39.9	
"	SW TR	IMM			7419	7418	SL 45.0 CL 47.8 SW 36.8	
"	TRN	IMM			7421	7422	SL 49.7 CL 52.4 SW 40.5	
0716	N TR	IMM			7423	7424	SL 57.0 CL 55.5 SW 40.9	
"	"	IMM			7426	7425	SL 52.7 CL 55.2 SW 40.9	
0717	NI	IMM	5571	7016 5570				
0810	SE	IMM	5855 7383	6982				
"	"	IMM			6705	6706	SL 61 SW 49.3	CL 70.0 CW 53.0
"	"	AO?				6704		

DATE
 Location
 AGE CLASS
 LENGTH
 WIDTH
 OLD TAGS
 NEW TAGS
 AIFAE
 NOTES

7/12	SE	IMM	68.2	56.2		8280	8279	
7/12	SE	IMM	69.7	58.1	7073		8277	
7/12	SE	AM	88.8		USFWS 668	8278		
7/12	LN	IMM	50.7	42.0	7000	7001	8276	8275
7/12	LN	LN						

7/12	SE	AF	85.1			5861		
7/12	SE	AF	85.4				8282	
7/12	SE	AF	85.1			5862		
7/13	TR	SN	40.8					
7/13	TR	IMM	39.5	30.8			8283	
7/13	TR	IMM	47.2	35.9			8285	
7/14	TR	IMM	42.4	32.3			8287	

8288
 8284
 09

02

DATE LOCATION ASPECT SEX LENGTH WIDTH OLD TAGS NEW TAGS AISEX NOTES

7/16	SE	AF	87.3						
7/16	NI	IMM	47.9	40.0	6991				
7/16	TR	330°	IMM	63.1	45.2		5253	8252	8250
7/16	TR	330°	IMM	67.1	40.2		8254	8271	8289
7/16	TR	330°	IMM	47.2					
7/16	TR	330°	IMM	42.3					
7/16	TR	330°	IMM	44.7	34.9				

7/18	TR	IMM	40.5	34.0					
7/18	TR	IMM	52.1	41.0					
7/16	SE	AF			5553				
7/16	SE	AM	79.3						
7/16	SE	AM					8299		8298
7/16	SE	IMM	66.5	51.9					8297
7/16	SE	IMM							
8303							8301		
8302							8296	8300	
							04		

5553 USFWS?
??

DATE LOCATION AGE/CLASS SEX LENGTH WIDTH OLD TAGS NEW TAGS ALIASE NOTES

840717 840719 840719 840719 840719
 NI NI TR NW TR SW TR SW
 IMM IMM IMM IMM IMM
 57.2 63.7 48.1 51.2 52.4 55.1 46.9 50.0 46.7
 47.9 37.3 40.9 36.0 36.1
 7071
 7070 8310 8308 8307 8305
 8312 8311 8309 8306 8304
 8313

7120 7120 7120 7120 7120 7120 7120
 LN TR TR TR TR TR TR
 IMM IMM IMM IMM IMM IMM IMM
 46.0 48.9 54.2 57.4 44.5 49.6 42.0 44.1 54.1 57.5 46.9 50.0
 38.0 42.0 34.6 33.9 44.6 38.6
 8325 8322 8321 8319 8317 8315
 8324 8323 8320 8318 8316 8314
 09 08 07

DATE LOCATION A/E CHAS 5/E L ENDTA WORTH OLD TAGS NEW TAGS A/GAE NOTES

7/23 LN H2O 840720 840720 LN H2O LN H2O LN H2O
 IMM 1MM 1MM 1MM
 51.9 55.0 46.9 49.0
 41.7 39.0
 6974 6405 8327 8326
 6913 6706 8328
 8329
 8276 7000 8275 7001

7/24 7/24 840724 7/23 7/23 LN H2O LN H2O LN H2O
 TR 5.1049
 IMM 1MM 1MM 1MM
 48.8 46.2 42.7 48.9
 49.5 48.9 42.7 48.9
 38.2 38.2 50.8
 38.2 42.7 39.7 38.2 50.8
 49.0 52.1 57.7 48.8
 38.2 42.7 39.7 38.2 50.8
 8338 8337 8334 8332 8330
 8339 8336 8335 8333 8331
 10

8272
 5523
 8273
 5524

DATE Location SPEC CLASS SEX LENGTH CWORK OLD THIS NEW TAGS R L R L A/T/A/E NOTES

7/24	"	MM	37.5	37.1	29.7		8348	8349		
7/24	"	MM	46.0	46.1	35.1		8344	8346		12
7/24	"	MM	37.9	40.2	31.6		8345	8344		
7/24	"	MM	44.3	46.5	33.4		8343	8342		11
7/24	STORY	TR	SE	5.0	30.0					

posterior with out of lat marginals ~ 2cm disp 5-6cm long - photo PH3-(11-12)

7/25	NI	AF	47.2	31.0	38.0		5582	5583	8356	8355
7/29	NI	AF								
8/02/27	NI	MM				6970				
8/02/27	NI	MM				8167	8166			
8/25	SE	MM	43.0	40.1	35.4		8353	8352	8351	8350
7/24	12.5	MM	49.2	52.0	40.8					

LT front flipper of posterior edge bite - photo PH3-13

MEASUREMENTS done w/ tape rather than calipers

DATE LOCATION AGE/SEX LENGTH LW/BLR OLD TAGS NEW TAGS AGE NOTES

7/29	LN	IMM			8272/5523				
7/29	LN	IMM	42.5	45.4	36.2	5524	8364	8363	8362
7/29	LN	LN						8361	8357
7/29	LN	AF						8360	8358
8/02/29	LN	LN							

POSTERIOR, DISTAL MARGINALS w/ life
6-7cm wide, 5cm deep

W

LEF w/ TEAR on POSTERIOR edge -
photos - Rob's Roll #5 29-30

7/30	"	IMM	61.7	40.6	35.4		8374	8373	8371	16
7/30	"	IMM	57.8	43.4	42.9		8372	8371	8369	15
7/30	"	IMM	57.2	52.2	40.7		8368	8367	8367	14
7/30	"	IMM	55.5	40.2	34.3		8366	8365	8365	13
8/07/30	TR SW	5x109								
7/29	LN	IMM					8327	8326		

MISSING POSTERIOR MARGINALS, RT-LH
MEASURED to LH LONGEST MARGINAL
photo PH3 34-35

DATE Location AGE CLASS SEX LENGTH CUMULATIVE OLD TAGS NEW TAGS ALIASE NOTES

DATE	Location	AGE CLASS	SEX	LENGTH	CUMULATIVE	OLD TAGS	NEW TAGS	ALIAS	NOTES
8/01	"	IMM		48.6	48.6				
9/01	"	IMM		48.9	48.9				
9/01	"	IMM		41.2	41.2				
9/01	"	IMM		38.7	38.7				
9/01	"	IMM		51.5	51.5				
9/01	"	IMM		41.2	41.2				
9/01	"	IMM		53.3	53.3				
9/01	"	IMM		51.1	51.1				
9/01	"	IMM		47.2	47.2				
9/01	"	IMM		61.5	61.5				
9/01	"	IMM		39.0	39.0				
8/01	SW of S. log	IMM		41.0	41.0				
8/01	SW of S. log	IMM		31.9	31.9				
8/01	SW of S. log	IMM		47.2	47.2				
8/01	SW of S. log	IMM		55.8	55.8				
8/01	SW of S. log	IMM		39.0	39.0				
8/01	SW of S. log	IMM		41.0	41.0				
8/01	SW of S. log	IMM		36.8	36.8				
8/01	SW of S. log	IMM		49.6	49.6				
8/01	SW of S. log	IMM		61.2	61.2				
8/01	SW of S. log	IMM		48.4	48.4				
8/01	SW of S. log	IMM		65.2	65.2				
7/30	LN #20	IMM		42.6	42.6				
7/30	LN #20	IMM		54.0	54.0				
7/30	LN #20	IMM		46.6	46.6				
7/30	LN #20	IMM		59.8	59.8				
8/07/30	TR SW of S. log	IMM		38.0	38.0				
8/07/30	TR SW of S. log	IMM		46.6	46.6				
8/07/30	TR SW of S. log	IMM		48.8	48.8				

left front flipper distal edge posterior missing - photo PH3-36

left rear flipper torn photo PH4-17

left rear flipper w/ bite distal edge

left rear flipper broken @ ankle photo PH4-18-19

DATE Location AGE CLASS SEX Length width R L R L AGE NOTES

8/01	"	8/01	8/01	8/01	8/01	8/01	8/01	8/01	8/01	8/01	8/01	8/01	8/01	8/01	8/01	8/01	8/01	8/01	8/01	8/01	8/01	8/01
1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM	1MM
43.5	44.0	47.1	49.1	40.7	43.3	48.9	49.5	53.4	45.9	48.5	49.5	50.1	58.4	58.7	58.5	59.5	35.9	42.4	42.0	49.6	51.2	
34.5	36.2	34.2	37.3	39.2	37.2	37.5	44.6	44.6	47.4	34.4	34.4	40.8										
8417	8413	8412	8415	8414	8411	8410	8409	8407	8406	8405	8403	8402	8401	8399	8396	8397						

photo PH4-20

19

DATE	Location	Age class	Sex	Length	width	Old tags	New tags	ASAE
						R L	R L	
8/01	"	1MM		48.4	36.3			8422
8/01	"	1MM		43.5	34.8			8421
8/01	"	1MM		43.6	35.0			8420
8/01	"	1MM		45.7	45.1			8419
8/01	"	1MM		51.0	41.1			8418
8/01	BTER							

NOTES

8/02	"	1MM		60.9	49.3			8431
8/02	"	1MM		65.5				8430
8/02	"	1MM		53.2	42.4			8428
8/02	"	1MM		56.7	45.9			8427
8/02	BTER			58.1	61.4			8426
8/02	SE	1MM		41.1	34.6			8425
8/01	SE	1MM		43.5				8424
8/01	SE					8263		8423
						7013		

23/24

SAMPLES TAKEN FROM BTER

originally single tag - now double tag

SEEN Actively feeding prior to being caught ASAE in mouth

DATE LOCALITY AGE/SEX LENGTH WEIGHT OLD TAGS NEW TAGS A/AGE NOTES

DATE	LOCALITY	AGE/SEX	LENGTH	WEIGHT	OLD TAGS	NEW TAGS	A/AGE	NOTES
8/02	BITER	MM	40.8	34.0		8433		
"	"	MM	40.8		8420			
8/02	"	MM			?			Seen on BITER - not caught

Seen on BITER - not caught

Nestings/Pit Locations

Nest/Pit	Location	Date	Comments
Pit	NI 01	840706	3 Attempted pits in steep bank
Pit	NI 01	840708	2 Attempted shallow pits
Pit	SE	840708	9 pits @ Ridge Sign Bch
Pit	SE	"	8 pits @ fair camp bch
Pit	SE	840709	2 pits S of Camp
Pit	SE	840710	1 pit Ridge Sign Bch
Pit	SE	"	2 Attempted - Sign Bch
Pit	SE	840711	1 South Camp
Pit	NI	840711	1 Landing Cove bch
Pit	NI	840720	3 in-bank Landing bch.
Pit	SE	840722	2 pits SE corner 1 pit near sign
Pit	SE 01	840725	1 pit / attempt
	02	"	1 pit
Nest	SE 01	840728	1 nest
Nest	SE 01	840730	1 nest
Nest	SE 01	840731	2 nest attempt
Pits	Grassos	840803	2 pits

CENSUS DATA

DATE TIME Location Age Class Sex COMMENTS

846706 1530 NI 03 T3M B
 T3M B
 T2U B
 T1 B
 T3M B
 T3F B
 T3M B
 T3H B
 T3U H2O
 T2U H2O
 T3U H2O
 AUX6 B
 IMAX4 B
 U B

846708 1730 NI02 IMM H2O → 03
 " IMM B
 NI 03 T2 H2O
 " T1 H2O
 " T1 B
 " T3 B
 NE 01 T1 H2O
 T1 H2O
 T1 H2O

DATE	TIME	Locat.	Age Class Sex	Comments
840725	0000	SE	21A	> BASKING
			5MM	
840729	1900	SE	1MM	H ₂ O
			AF X6	> BASKING
			AM X2	
			1MM X3	
840730	1630	NE	1MM	H ₂ O
			AM X5	> BASKING
			AF X2	
			AUX 5	
			1MM X3	
			1MM	H ₂ O
AUX 2	H ₂ O			

DATE	TIME	Locat.	Age Class Sex	Comments
840708	1330	NE 04	T2	H ₂ O
			T2	H ₂ O
840712	1830	6E	T1 X2	
			T3M	
			T3M	H ₂ O
			T3EX4	
			T3EX2	
			T2F	H ₂ O
840714	0200	SE	T3U	
			T2M	
			T3F	
			T1	
			T2 X2	
			9MM	bill 100%
			7 ADULT	wind < 5K
			8 ADULT	3MM 2H ₂ O
			15A	BASKING
			6MM	BASKING
840720	1900	NE 01	ZU	H ₂ O
			3AF	BASKING
			T2 U X2	1H ₂ O BASKING
1AU	H ₂ O			

Copy
12/23/85

Table Turtles tagged at Pearl and Hermes Reef June 19 - July 20, 1985. Body measurements (cm): A - straight carapace length, B - straight carapace width, C - curved carapace length, D - curved carapace width.

REC	TAGS	SEX	Age class	Tagging & Recovery Dates	Morphometrics				Tagging & Recovery Location(s)
	LRB				A	B	C	D	
8952	8951	IMM		7/17/85	56.7	44.5	60.0		SNE
<u>8953</u>	<u>8954</u>	IMM		7/17/85	56.0	42.5	59.2		SNE
9052	9051 9053	IMM (F)		7/17/85			77.1	72.2	2 H20
6951	7054	IMM		7/12/85			71.8	68.5	2 H20
7055	7056	IMM		7/12/85			67.0	68.4	2 H20
7058	7057	IMM		7/13/85	57.7	49.1	62.1		SS.
9057	9060	IMM		7/13/85	39.5	32.8	41.4		SS.
9061	9062	IMM		7/13/85	63.2	48.8	67.5		S
9064	9063	IMM		7/13/85	43.0	33.5	45.5		SNE
9065	9066	IMM		7/13/85	50.5	39.3	53.5		SNE
9068	9067	IMM		7/13/85	54.7	39.7	44.6		SNW
9069	9070	IMM		7/16/85			45.2	43.9	SNW
9072	9071	IMM		7/16/85			48.5	43.8	SNW
8351	9073 8350	IMM		7/16/85			52.5	48.5	SNW
9075	9074	IMM		7/17/85	54.2	44.8	57.6		SNW
9077	9076	IMM		7/17/85	44.5	35.5	49.0		SW
9078	9075	IMM		7/17/85	44.8	36.5	49.6		SNW
9080	9081	IMM		7/17/85	41.7	34.5	44.1		SNW
<u>9083</u>	<u>9084</u> 9082	IMM		7/17/85	53.5	41.5	57.1		SNW
9085	9086	IMM		7/17/85	56.1	42.8	55.3		SNW

21 Underscored tag numbers represent 1985 tagged or multiple tagged animals

1 - North Island, 2 - Little North, 3 - Southeast Island, 4 - Seal Habitat of Great Islands, 5 - Interior lagoon patch reefs

1984 and 1985

in numbers - additional TAGS APPLIED

COPIED 12/23/85

TABLE - TAG RECOVERIES OF TURTLES TAGGED AT PEARL AND HERMES REEF PRIOR TO 1983. CARAPACE MEASUREMENTS IN CM.

RIGHT FRONT FLIPPER TAGS	LEFT FRONT FLIPPER TAGS	SEX AGE/CLASS	RECOVERY DATES	STRAIGHT CARAPACE LENGTH	MORPHOMETRIC STRAIGHT CARAPACE WIDTH	CURVED CARAPACE LENGTH	CURVED CARAPACE WIDTH	RECOVERY LOCATIONS	TAGGING LOCATION	FFS #
3473	5522	AF	5/24/83	84.7	SAME AS	3473	Below	1		→ #151
5523	5524	IMM	3/12/84, 2/1/85	54.7	45.3	(55.3)	49.8	2	LN 8/7/81	
5532	5531	IMM	6/06/83					2 H2O	NI 8/7/81	
5538		AM	7/08/84	86.1	72.0			3	SET 8/7/81	
6986	5543	IMM	5/11/83	73.5	57.5	79.5		3	SET 8/7/81	
5545	5598	AF	5/25/83		SAME AS 5598 BELOW			3	SET 8/7/81	
5546		IMM F	4/20/83	79.8	61.2	83.5	77.5	3	SET 8/7/81	3/3/82
5548		AF	6/1, 2/5/83					3, 3	SET 8/7/81	
5563	5562	AF	5/11, 2/8/83	83.5				3, 3	SET 8/7/81	
5569	5568	IMM	4/28/83	63.0	62.0	67.0		1	NI 8/4/81	
5571	5570	IMM	5/24, 6/25, 2/1/83	71.0	40.7	54.8	49.6	1, 1, 1	NI 8/9/81	
	5577	AF	5/25/83	88.0				1	NI 8/9/81	
5580		AF	5/10/83	93.0				1	NI 8/9/81	
5581		AM ♀	2/12/83					3	SET 10/29/82	
5582	5583	IMM	2/29/84	47.2	38.0	51.0	(49.5)	1	NI 8/9/81	
5595	5593	AF	5/24/85					1	NI 8/10/81	
5545	5598	AF	4/30, 6/25/83	85.5	SAME AS 5545 ABOVE			3, 3	SET	
5599		AM	7/3/83					3	SET 8/10/81	
5859	7084	IMM	4/16, 4/28, 7/10/83	72.4	(71.6)			3, 3, 3	SET 7/2/82	
5861	5862	AF	7/12/84	85.1				3	SET 10/28/82	
	5864	AF	5/25/83	86.0	(87.1)			3	SET 7/2/82	
5865	5863	IMM	5/11, 2/01, 2/10, 2/10/83, 7/7/81	54.3	(54.1)	41.8	(52.5)	3, 3, 3, 3	SET 7/3/82	
	5862	IMM	5/23/83	(63.8)				3	SET 7/4/82	
6493	5873	IMM	5/12/83	65.0	(66.5)	52.5	70.2	(76.4)	65.2	NI 7/5/82
7077	6507	IMM	6/18/83	68.0	(67.9)	54.0	71.8			SET 10/29/82
6509		AM	9/8/83	(87.5)				3	SET 10/29/82	
6496	6511	AM	5/13, 5/23, 2/02, 2/04/83	90.2	(91.6)			3, 3, 3, 3	SET 10/29/82	
6512		IMM	4/30, 2/4/83	79.2	87.0	60.7	75.7	3, 3	SET 10/29/82	
	6513	AM	6/1/83	81.0				3	SET 10/29/82	
6516	7015	IMM (M)	5/12, 5/25, 6/1, 2/05/83	80.8				3, 3, 3, 3	SET 10/29/82	
	6518	IMM	6/1/83					3	SET 10/29/82	
6533	8300	AF	2/16/84	(6533 LEFT; 6534 RIGHT 10/9/82 ALONG WITH)				3, 3, 3	CL-62.5	FFS #153
2769	8270	AM F	4/30, 6/2, 2/15/83	90.0	72.5			3, 3, 3		
3473	5522	AF	5/24, 5/27/83	SAME AS 5522 ABOVE				1, 1		
668	8270	AM	2/2/84	88.8	(899 UP SIDE DOWN)?			3		
939	2971	AM	6/22/83	81.3				3	SET 10/29/82	
	728	AM	5/24/83					1	NI 3/28/81	
899	FW	AM	4/29/83					3	SET 9/12/82	
T3	8361	AF	2/29/84					2	SET 3/13/82	
T15		AF ♂	5/25/83	73.8				1	SET 10/29/82	
6705	6706	IMM	2/24/84	SET 8/10/83 BY R.M.O.				3		

1 = NI 2 = LN 3 = SET

original

TABLE — 1584 and 1585 sightings of animals tagged at PSARE and HERMES RISE in 1983.

TAGS REF	TAGS LEF	SEX AGE CLASS	RECOVERY DATES	RECOVERY LOCATIONS	1983		STRAIGHT CANNIBAL LENGTH	STRAIGHT CANNIBAL WIDTH	CURVED LENGTH	CURVED WIDTH
					ORIGINAL TAGGING LOCATION	RECOVERY LOCATION				
7013	6985	6982	IMM	2/27/84	3	3	50.0	41.0	52.4	
7013	6957	IMM	2/8, 2/11/84	3, 3	3	60.1	46.5			
7096	7082	IMM	2/11/84	2H20	3	49.6	38.5	52.7		
	6965	IMM(M)	2/12/84	1	1	80.5	66.1			
1984 6970	6967/201	IMM	2/12, 2/25/84	1, 1	1	56.1	48.3			
6967	6968	IMM	2/12, 2/25/84	1, 2H20	1	56.3	47.0			
7000	7001	IMM	2/12, 2/23/84	2, 2H20	1	50.7	42.0	52.9		
7093	7010	IMM	2/13/84	3	3	69.7	54.1			
6991	6990	IMM	2/15/84	1	1	49.9	40.0			
7091	7090	IMM	2/19/84	1	3	59.2	47.9	63.7		
6924	6923	IMM	2/23/84	2H20	1	51.9	41.7	57.0		
	6983	6998	IMM	6/25, 2/11/85	3, 3	3				
1985 6951		IMM	2/12	2H20	2			71.8	68.5	
3865	3183	6982	IMM	2/16/85	3	3	51.3	41.8	53.5	
7353	7354	IMM	6/25/85	1	1	50.0	42.5			

1 - NORTH ISLAND, 2 - LITTLE NORTH, 3 - SOUTHEAST ISLAND, 4 - SEAGULLER AND GRASS ISLAND, 5 - INTERIOR LAGOON PILL BOXES

TURTLES tagged at Pearl & HERMES REEF between 1983-1985

■ 1983 ■ 1984 ■ 1985

REF	REF	LEF	LEF	Age class SEX	Tagging YEARS	Tagging Location
6951		9054		IMM	83, 85	2, 2
6952				IMM	1983	1
		6953		IMM	1983	3
		6954		AM	1983	3
		6955		IMM	1983	3, 3
7013	8263	6957	8262	IMM	83, 84	3
		6958	7381	IMM	1983	3
6959				IMM	1983	3
6960		7012		IMM	1983	3
2969		6961		AM ♀	83	3
6962		6963		IMM	83	1
		6964		IMM	83	1
		6965		IMM (M)	83	1
		6966		IMM	83	1
6967	8269	6968	8270	IMM	83, 84	1, 2
6970	8266	6969	7111	IMM	83, 84	1, 1
6971				AM	83	1
6972				IMM	83	3
6974	8328	6973	8329	IMM	83, 84	1, 2
6975				AF	83	1
6976				AM	83	1
7004		6977		AM	83	1
5580	6978			AF	83	1
6979				AF	83	3
5543		5562	6980	AF	83	3
5865	7383	6982	8254	IMM	83, 84	3, 3
		6983	6998	IMM	83	3
		6984		IMM	83	3
6985				AF	83	3
5548	6986			IMM	83	3
6987	6988	7011		AF	83	3
		6989		AF	83	3
6991		6990	8295	IMM	83, 84	1, 1
6993		5873	6992	IMM	83	1
		6994		IMM	83	1
6995				AM	83	3
		6996	6511	AM	83	3
		6997		AF	83	3
		6999		AM	83	3
7000	8276	7001	8275	IMM	83, 84	1, 2
7002				AM	83	1
7003				IMM	83	1
		7005		AM	83	1
		7006		AM	83	1

TURTLES TAGGED AT PEARL & HERMES REEF BETWEEN 1983-1985

REF	TAGS REF	TAGS LFF	TAGS LFF	AS CLASS SEX	TAGGING YEARS	TAGGING LOCATION			
7007				AU	83	1			
7008				AF	83	1			
		7009		IMM	83	3			
7073		7010	8277	IMM	83, 84	3, 3			
7014				IMM (F)	83	3			
6516		7015		AM	83	3			
5571		5570	7016	IMM	83	1			
		7017		IMM	83	1			
7018				IMM	83	1			
7019				AF	83	1			
		7020		AM	83	3			
7022		7021		IMM (M)	83	3			
7024		7023		IMM	83	5			
7026		7025		IMM	83	5			
7028		7028		IMM	83	5			
7029		7028		IMM	83	5			
7025		7030		IMM	83	5			
7031		7032		IMM	83	5			
7034		7033		IMM	83	5			
7038		7036		IMM	83	5			
7035		7037		IMM	83	5			
7040		7041		IMM	83	5			
7042		7043		IMM	83	5			
7045		7044		IMM	83	5			
7047		7048		IMM	83	5			
7049		7050		IMM	83	5			
7052		7051		IMM	83	5			
7054		7053		IMM	83	5			
7056		7055		IMM	83	5			
7059		7057		IMM	83	5			
7061		7062		IMM	83	5			
7064		7063		IMM	83	5			
7065		7066		IMM	83	5			
7067		7065		IMM	83	5			
7071	8312	7070	8313	IMM	83, 84	3, 1			
		6507	7072	IMM	83	3			
7076	8264	7083	8265	IMM	83, 84	3, 3			
7080		7077		IMM	83	5			
7082		7081		IMM	83	5			
5859		7084		IMM	83	3			
7085		7086		IMM	83	5			
7087		7088		IMM	83	5			
7090		7089		IMM	83	5			
7092		7091		IMM	83	5			
7093		7094		IMM	83	5			

TURTLES TAGGED AT PEARL & HERMES REEF BETWEEN 1983-1985.

TAGS REF	TAGS REF	TAGS LRF	TAGS LRF	AGE CLASS SEX	TAGGING YEARS	TAGGING LOCATIONS			
7095		7097		IMM	83	5			
7100		7101		IMM	83	5			
7102		7103		IMM	83	5			
7104				AF	83	3			
		7105		IMM	83	3			
7106				AM	83	3			
7107		7108		IMM	83	3			
		7109		AF	83	1			
		7110		AF	83	1			
7113		7114		IMM	83	2			
7115		7116		IMM	83	5			
7117		7118		IMM	83	5			
7120		7119		IMM	83	5			
7121		7122		IMM	83	5			
7123		7124		IMM	83	5			
7125		7126		IMM	83	5			
7128		7127		IMM	83	5			
7129		7130		IMM	83	5			
7131		7132		IMM	83	5			
7134		7135		IMM	83	5			
7137		7136		IMM	83	3			
7138		7139		IMM	83	5			
7140		7141		IMM	83	5			
		7143	7145	IMM	83	5			
7146		7149		IMM	83	5			
7351		7150		IMM	83	5			
7352				AF	83	1			
7353		7354		IMM	83	1			
7356		7355		IMM	83	2			
7359		7358		IMM	83	5			
7361		7360		IMM	83	5			
7362		7364		IMM	83	5			
7365		7363		IMM	83	5			
7367		7366		IMM	83	5			
7369		7368		IMM	83	5			
7371		7370		IMM	83	5			
7372		7373		IMM	83	5			
7375		7374		IMM	83	5			
7376		7377		IMM	83	5			
7378		7380		IMM	83	5			
7379	7385	7384		IMM	83	5			
		7387		IMM	83	5			
7388		7389		IMM	83	5			
7391		7390		IMM	83	5			

TURTLE TAGS AT PEARL & HERMES REEF BETWEEN 1983 - 1985.

TAGS		TAGS		AGE CLASS	TAGGING DATES	TAGGING LOCATIONS			
REF	REF	REF	REF						
7393		7392		IMM	83	5			
7394		7395		IMM	83	5			
7396		7397		IMM	83	5			
7397		7398		IMM	83	5			
		7400		IMM	83	5			
7403		7402		IMM	83	1			
7404		7405		IMM	83	5			
7407		7406		IMM	83	5			
7409		7408		IMM	83	5			
7410				IMM	83	5			
7414		7415		IMM	83	5			
7416		7417		IMM	83	5			
7419		7418		IMM	83	5			
7421		7422		IMM	83	5			
7423		7424		IMM	83	5			
7426		7425		IMM	83	5			
6705		6706		IMM	83	3			
		6704		AM	83	3			
		8253		AM	84	3			
8255				AF	84	3			
8256		8257		IMM	84	5			
8259		8258		IMM	84	5			
8261		8260		IMM	84	1			
8267		8268		IMM	84	1			
8271				AF	84	1			
5523	8272	5524		IMM	84	2			
8273		8274		IMM	84	2			
668	8298			AM	84	3			
8280		8279		IMM	84	3			
5861	8281	5862		AF	84	3			
		8282		AF	84	3			
8283	o	8284		IMM	84	5			
8285		8286		IMM	84	5			
8288		8287		IMM	84	5			
8290		8289		IMM	84	5			
8292		8291		IMM	84	5			
8293		8294		IMM	84	5			
8298		8297		IMM	84	3			
8299				AM	84	3			
6533	Resumed marked	8300		AF	84	3			
8301		8296		IMM	84	5			
8303		8302		IMM	84	5			
8305		8304		IMM	84	5			
8307		8306		IMM	84	5			

8997

TURTLES TAGGED AT PARLI & HERMES REEF BETWEEN 1987-1988.

REF	TAGS		AGGREGATE SEX	TAGGING DATES	TAGGING LOCATIONS	
	REF	REF				
8308		8309	1MM	84	5	
8310		8311	1MM	84	1	
8315		8314	1MM	84	5	
8317		8316	1MM	84	5	
8319		8318	1MM	84	5	
8321		8320	1MM	84	5	
8322		8323	1MM	84	5	
8325		8324	1MM	84	2	
8327		8326	1MM	84	2	
8330		8321	1MM	84	2	
8332		8323	1MM	84	5	
8334		8325	1MM	84	5	
8337	8753	8326	1MM	84, 85	5, 5	
8338		8329	1MM	84	4	
8341		8340	1MM	84	4	
8343		8342	1MM	84	4	
8345		8344	1MM	84	4	
8347		8346	1MM	84	4	
8348		8349	1MM	84	4	
8351		8350	1MM	84, 85	4, 5	
8353		8352	1MM	84	4	
8354			AF	84	1	
5582	8356	5583	8355	1MM	84	1
		8357		AF	84	1
8359		8358		1MM	84	1
73	8361	8360		AF	84	2
		8362		1MM (F)	84	2
8364		8363		1MM	84	2
8366		8365		1MM	84	4
8368		8367		1MM	84	5
8370		8369		1MM	84	5
8372		8371		1MM	84	5
8374		8373		1MM	84	5
8376		8375		1MM	84	1
8378		8377		1MM	84	1
8381		8379		1MM	84	1
8383		8382		1MM	84	1
8385		8384		1MM	84	1
8387		8386		1MM	84	1
8389		8388		1MM	84	1
8392		8390		1MM	84	1
8393		8391		1MM	84	1
8395		8394		1MM	84	1
8396		8397		1MM	84	1

TURTLES TAGGED AT PEARL & HERMES REEF BETWEEN 1983-1985.

TAGS		TAGS		ALCIAN JSR	Tagging DATE	Tagging LOCATION			
REEF	REEF	LEE	LEE						
8355		8358		IMM	84	5			
8401		8400		IMM	84	5			
8403		8402		IMM	84	5			
8405		8404		IMM	84	5			
8407		8406		IMM	84	5			
8409		8408		IMM	84	5			
8411		8410		IMM	84	5			
8413		8412		IMM	84	5			
8415		8414		IMM	84	5			
8417		8416		IMM	84	5			
8425		8418		IMM	84	5			
8419				IMM	84	5			
8420		8434		IMM	84	5			
		8421		IMM	84	5			
		8422		IMM	84	5			
8424		8423		IMM	84	3			
8426		8425		IMM	84	5			
8428		8427		IMM	84	5			
8431		8430		IMM	84	5			
8433		8432		IMM	84	5			
8552		8551		IMM	85	5			
9052		9051	9053	IMM	85	2			
9055		9056		IMM	85	2			
9058		9057		IMM	85	5			
9059		9060		IMM	85	5			
9061		9062		IMM	85	5			
9064		9063		IMM	85	5			
9065		9066		IMM	85	5			
9068		9067		IMM	85	5			
9069		9070		IMM	85	5			
9072		9071		IMM	85	5			
9075		9074		IMM	85	5			
9077		9076		IMM	85	5			
9078		9079		IMM	85	5			
9080		9081		IMM	85	5			
9083	9084	9082		IMM	85	5			
9085		9086		IMM	85	5			

- LOCATION CODES
 PEARL & HERMES REEF
 1 - NORTH ISLAND
 2 - LITTLE NORTH
 3 - SOUTHEAST ISLAND
 4 - SEA KILNEY & GRASS ISLAND
 5 - INTERIOR PATCH REEFS

Synonymized
from Thera J.
and Xerxes

1985 TURTLE TAG
DATA FOR
PEARL & HERMES REEF

11	850703	25 June	25 June 85	Date
LN	LN	North	North	Location
TIU	TIU	T2 U	T1 U	Age Class sex
54.3	50.1	63	50 cm	Straight Length (cm)
-	-	-	42.5 cm	Width (cm)
8272	8276	8359	7353	R L
5524	8275	8358	7354	L R
				old tags
				new tags
				Age
				notes
		w/ green	mid dorsal	post. dorsal
		spray	girdle	girdle
		paint	paint	paint

4 TAGS TOTAL: 2 RPT
2 LEFT

Back
marked
out

Turtles

850712	850711			850625	DATE	LOCATION
T2 F	T2 U	T2 U	T3 U	T2 U	SEX	AGE CLASS
77.1	CURVE					STRAIGHT W/
77.2	CURVE					STRAIGHT W/
	6998	XXXX		6998	R	OLD TAGS
	6983	X859	X563		L	NEAL TAGS
9052					R	NEAL TAGS
9051	9053				L	NEAL TAGS
						ALGAE
						NOTES

STAGS

NESTS

TAGS:
TURTLE

01	710
02	699
03	698
04	697
05	696
06	695
07	694
08	693
09	692
10	691
11	690
12	689
13	688
14	687
15	686
16	685
17	684
18	683
19	682
20	681
21	680
22	679
23	678
24	677
25	676
26	675
27	674
28	673
29	672
30	671
31	670
32	669
33	668
34	667
35	666
36	665
37	664
38	663
39	662
40	661

UNITED STATES GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
PACIFIC REGIONAL OFFICE
SAN FRANCISCO, CALIFORNIA

July 13, 1985

S. Log	TR 5° N 31° E	TR 5° N 31° E	TR 30° N 2.5° E	TR 30° N 2.5° E	TR 30° N 2.5° E	TR 30° N 2.5° E
T ₂	T ₂	T ₁ MM	T ₂	T ₁	T ₂	T ₂
54.7	50.5	43.0	57.7	39.5	63.2	63.2
57.7	39.5	33.5	47.1	32.8	43.8	43.8
44.6	53.5	45.5	62.1	41.4	67.5	67.5
9068	9065	9064	9058	9059	9061	9061
9067	9066	9063	9057	9060	9062	9062



MISSING RRF AT "KNEE", WILL
LEAVE - ANIMAL APPEARS LEATHY
NOTCH IN CARAPACE, RT REAR DISTAL
5.7 CM WIDE X 6.0 CM DEEP

ENTANGLED in NET ON TREE. ANIMAL
CUT OUT. Photos taken: SEI 10-29
ANIMAL APPEARS LEATHY, STRONG
healthy

LN H ₂ O	LN O ₂	LN O ₂	LN O ₂	LN H ₂ O	DATE	Location	SEX	AGE CLASS	length (S)	width (S)	length (C)	width (C)	OLD TAGS	NEW TAGS	ALJAE	COMMENT
T ₁	T ₁	T ₂	T ₂	T ₂	850412	LN H ₂ O										
49.0		68.4	69.0	71.8												
43.0		59.9	68.4	68.5												
8325		5523/8222		6951												
8324		5524														
			9055													
			9056	9054												Shell sluffing ✓

mid-dorsal girdle

"	850717	DATE
So Log	So Log	LOCATION
J ₁	J ₁	AGE
38.2	56.1	SEX
31.8	42.8	ST. Length
40.2	59.3	ST. width
		CURVE Length
		CURVE width
8345		R TAD
8344		L TAD
	9085	R TAD
	9086	L TAD
	33	ALFAE

COMMENTS

CAPTURED WHILE BASKING
ON PILE OF NET ENTANGLED
ON THE RISE
RECOVERY

Nestings / Pit Locations

Nest/Pit	Location	Date	Comments
1	North	<22 June	single pit
2	"	<22 June	" "
3	"	<22 June	" "
4	"	<22 June	" "
5	"	<22 June	six pits
85-RM1-11	"	7/1-7/2	2 PITS Animal seen AT 0930 STILL IN VEGETATION

} may be all from one nesting attempt

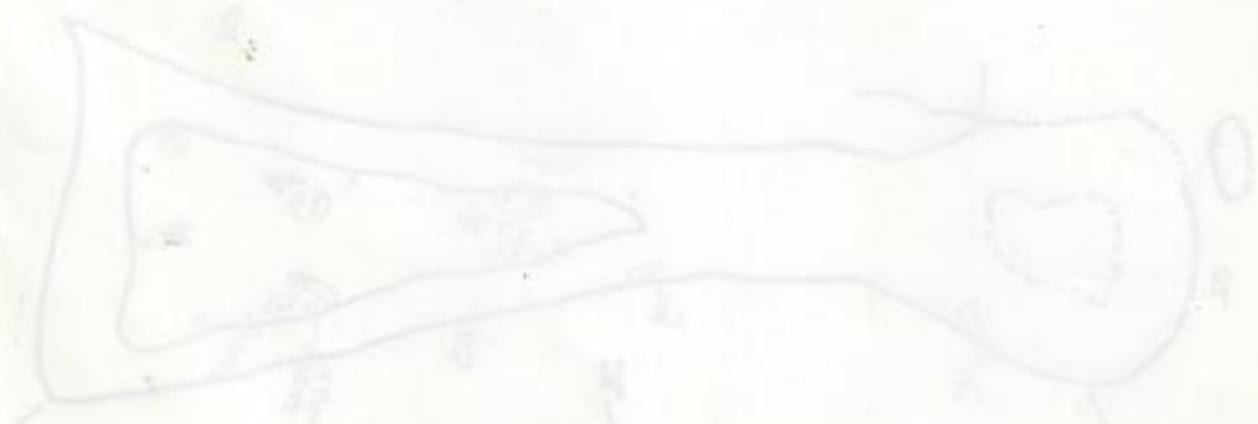
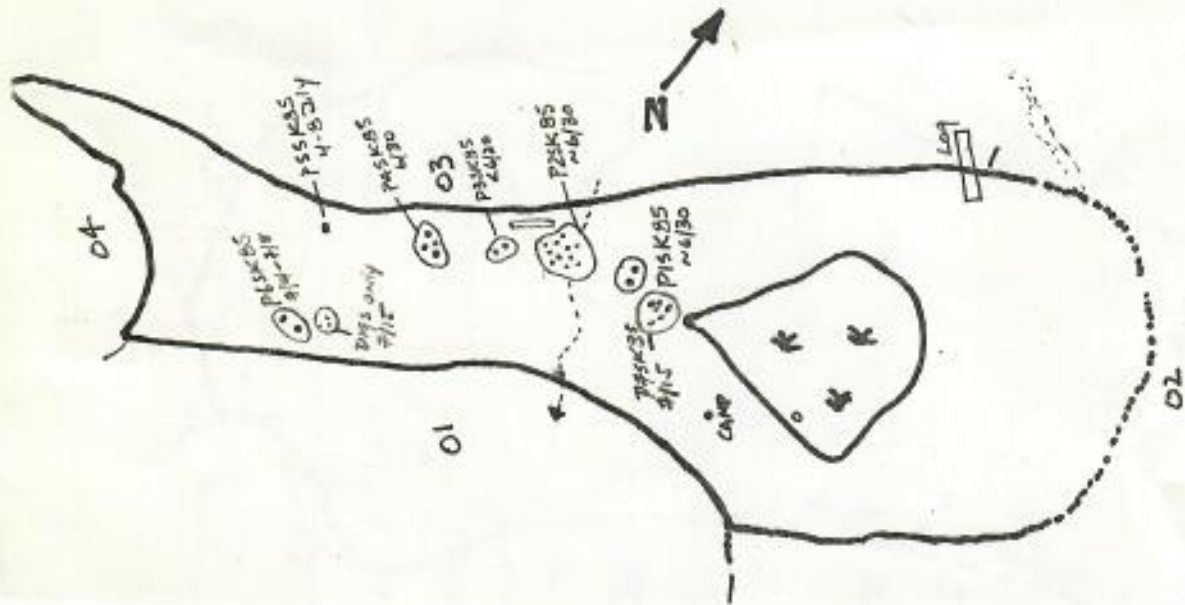
Nests (T)

Photos

Nets

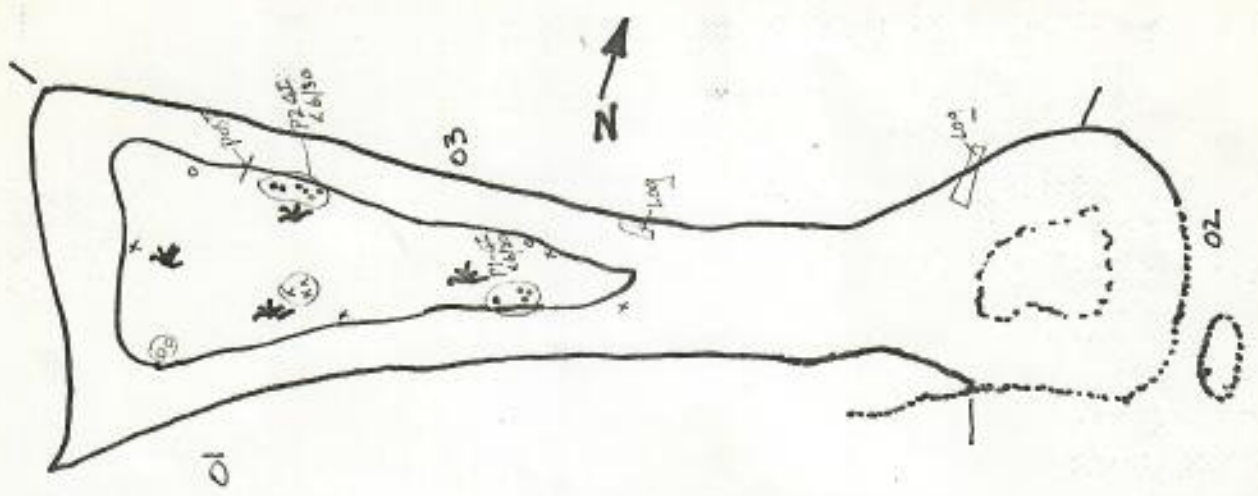
Pup Tags

SEAL KITERY



GRASS ISLAND

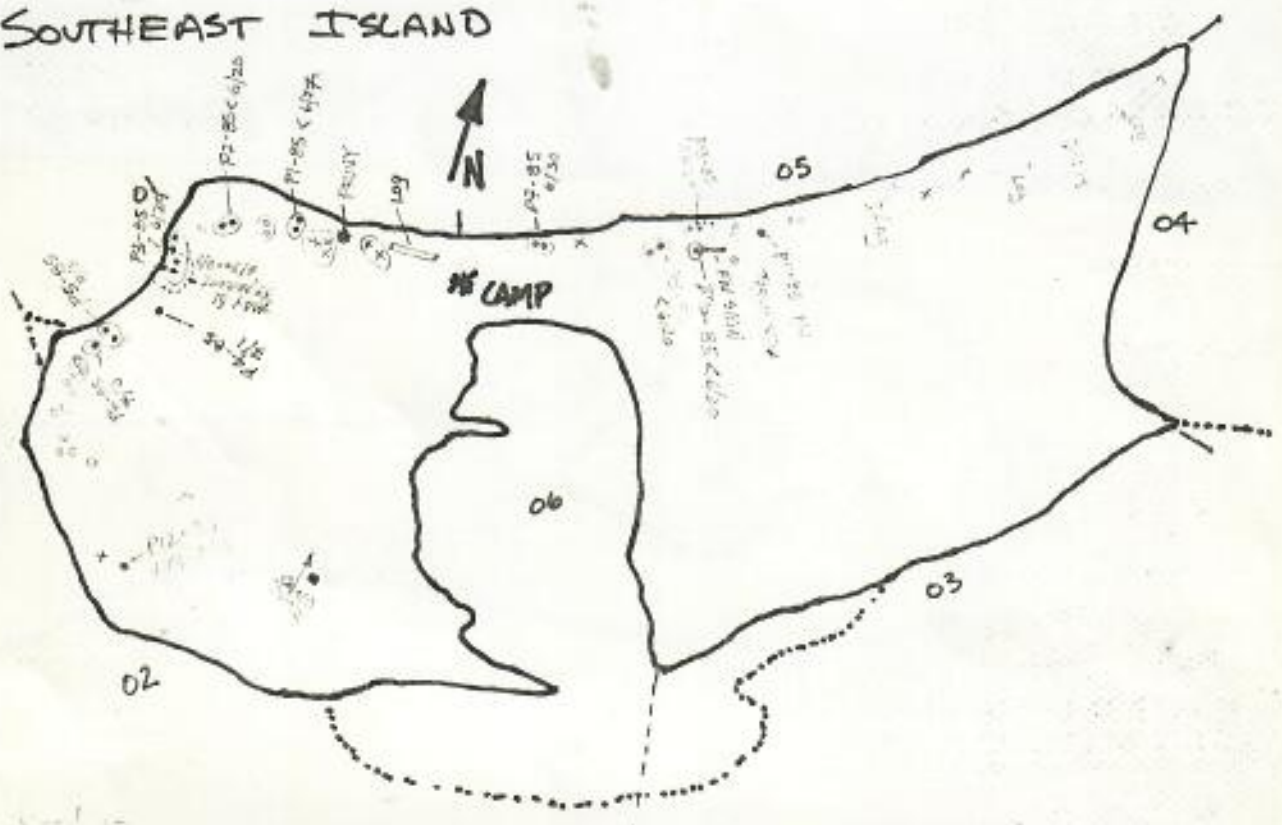
1985 P&H
Rob Morrow



• 1985
x 1984
o < 1984

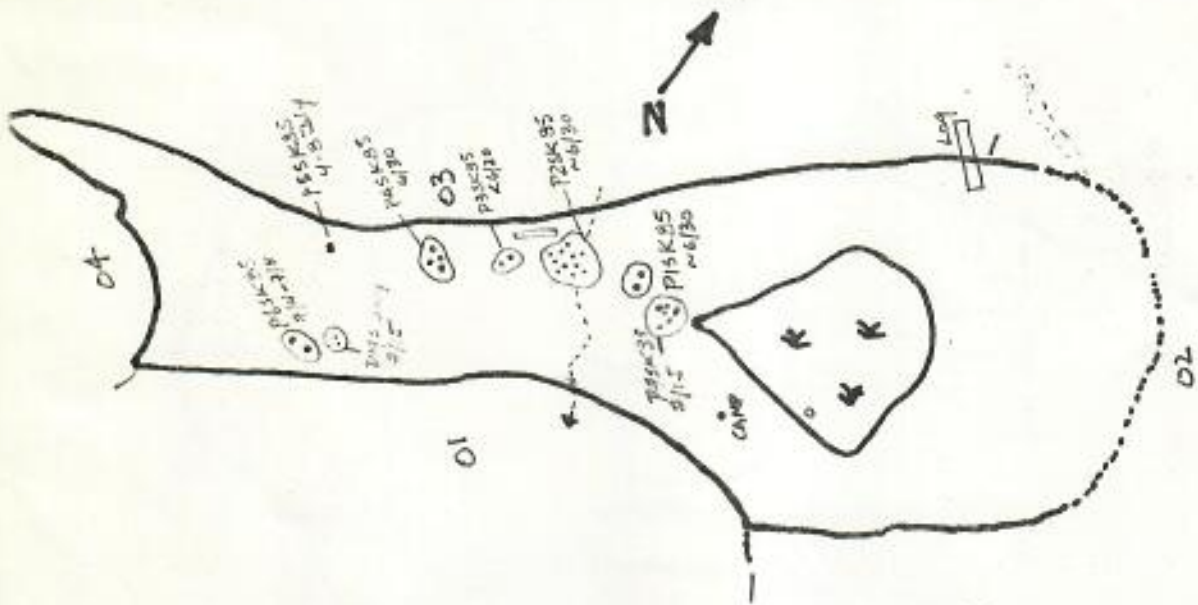
SOUTHEAST ISLAND

1985
1984
< 1984



Handwritten notes at the bottom left of the Southeast Island map, including 'P1-85-6/20' and other identifiers.

SEAL KITERY



TO: GEORGE
FROM: DOEIS

16 Sept. 1985

TURTLES: LISIANSKI 1985 (Late June to
late July 1985)

1. GREEN TURTLE-TAG RECOVERIES: 10 11 (5 Adults) (6 immatures)
4♀ 1♂
2. GREEN TURTLE = NEWLY TAGGED: 6 11 (5 Adult) (1 immature)
(ie, no old tags) 2♀ 3♂
3. GREEN TURTLE = ADDITIONAL TAGS: 3
APPLIED (ie, had old tags)

... A TOTAL of 28 INDIVIDUALS WERE IDENTIFIED
(via tags and/or paint)

ATTACHED = 2 TABLES

SUMMARY TABLE
GREEN TURTLE TAG RECOVERIES
USI. I. 1985
 LISIANSKI

() = NEW TAG APPLIED
 1985
 * = seen in 1984

NEW ENT #30

NAME & COUNTY CODE	FIELD NO.	TAG. NO.		AGE CLASS SEX	C. MEASUREMENT (STRAIGHT = cm)		C. MEASUREMENT (CURVED = cm)		1985 DATE	SECTOR	INIT OF OB.
		L	R		LEN.	WIDTH	LENGTH	WIDTH			
"T"	03	(8656)	5848	T ₃ M	6/27/82	LISI	5848	5849	06-24	04	DA
"RM"	09	6325	*5854	T ₁ U	60.8 (NOTCH) 61.2 (TIP)	51.1	7/13/82	LISI	06-26	26	DJA
	10	6317	6316	T ₁ U	51.2 (NOTCH) 51.5 (TIP)	42.0	7/4/83	LISI	06-27	04	RLW DJA
"RO"	13	6762	ENT #48 ♀	T ₃ F	5-24-83 LISI MISSED		7-22-84	LISI	06-28	29	DJA
	21	6279	6280	T ₁ U	45.9 (N) 46.2 (TIP)	36.6	8-12-82	LISI	07-03	43	DA
	23	(8667)	5828	T ₁ U	52.1 (NOTCH) with only?	39.05	53.5 (N) 54.0 (TIP)	4-12-82 LISI	07-07	27	RLW DA
	26	6767	ENT #35 ♀	T ₂ (F?)	5/25/83 LISI 5832, 6489, 6767				07-14	5	RLW
	28	5936	ENT #34 ♀	T ₃ F	2-21-82 LISI				07-15	33	DJA
	27	2961	????	T ₃ F	2942, 2943, 2961 6/8/83 #151			ENT #16 ♀	07-16	27	DJA
	29	6282		T ₂ U			31 3/4" TIP		07-19	20	DA
	18	(8660)	????	T ₃ F					06-30	41	DJA

↑
 UNABLE TO READ TAG - so NOT considered a tag recovery?

ORIG. DATA FOR ABOVE IMMATURES w/ GROWTH DATA:

- 6279-6280 8-12-82 45.6 x 36.1
- 5828 (8667) 4-12-82
- 6316 6317 51.5 (TIP)
- 5854 6325 8-28-82
- 51.5
- 7-13-82
- 66.2

**SUMMARY TABLE:
GREEN TURTLES TAGGED
LISTIANSKI IS. 1985**

* APPROXIMATE MEASUREMENT
FLEXIBLE TAPE USED, NOT
RIGID CALIPERS.

() = new tag applied in
case of tag recovery
▲ = uncertain if gotten tight

NATURE	FIELD NO.	TAG NO.		AGE CLASS	SEX	CARAP. meas. (STRAIGHT = cm)		CARAP. meas. (CURVED = cm)		1985 DATE	SECTOR	UNIT OF OBS
		LEFT	RIGHT			LENGTH	WIDTH	LENGTH	WIDTH			
NEWLY TAGGED IN 1985:												
"RED STREAK"	02	8651	—	T ₃	M	81*	—	—	—	06-23	01	DJA
"5 DOT"	04	8654	8653 8655	T ₃	F	94	70.5	—	—	06-24	17	DJ
"RED RUMP"	01	8659 [▲]	—	T ₃	F	—	—	—	—	06-30	09	DTJ
G1	19	—	8661 [▲]	T ₃	M	—	—	—	—	07-02	13	DJ
		8663 [▲]	-(red streak lost tag # 8651 = no r/h, just hole): put on tag 8663, 07-02-85									DTJ
	22	8665	8666	T ₁	U	54.3 (NOTCH) 54.4 (TIP)	43.9	57.0	51.0	07-07	27	D
	24	—	8668 [▲]	T ₃ (ok 2)	M	—	—	—	—	07-07	27	RLI
				→ 8668R recorded (8998) by MM East - N 6/11/87 = NO ENT. NO MODE								
TAG RECOVERY, ADDITIONAL TAGS APPLIED IN 1985:												
"T"	03	(8656)	5848	T ₃	M	—	—	—	—	06-24	04	DJ
	18	(8660) [▲]	—	T ₃	F	—	—	—	—	06-30	41	DJA
	23	(8667)	5828	T ₁	U	(see recovery table)			—	07-07	27	RLW DJ

9/20/85 Radio call from Rob Morrow
at Laysan via WGG

- 20 "nests" seen all islets at P&H
- ~ 30 immatures netted at P&H -
7-8 recoveries from 1983 & 84 efforts
- 15-16 "nests" at Laysan.
3 hatchlings seen

3 DECEMBER 1982

GEORGE;

Subject: Mistakes as they
happen.

Please change 'begin' dates
for all titles, tables, etc.
for Lisianski Island.

15 March → 17 March 1982

(the 15th, Townsend Cromwell was still
on Laysan Island)



① nesting reports

- 23 nesting attempts

- 8 areas

③

151 ♀s
different

8-4-82
Message
from
Kisianski

~~④~~

♀ Adults:
A494

585

1014

2664

1292

Juven

1298

878

2866

T259

2951

2837

3554

2857

2859

♂ Adults

2939

430

2942

465

2960

2946

SUMMARY OF TAGGING EFFORTS HAWAII 1982 (KAM)

9 Nov. 1982

(15 March - 13 September)

In the summer of 1982, the National Marine Fisheries Service, SFC, Honolulu Laboratory under the direction of WG Gilman, conducted monk seal and green sea turtle population surveys within the Hawaiian Islands National Wildlife Refuge. Field camps were set up for varying lengths of time on Laysan Island, Pearl and Hermes Reef and Lisianski Island. The green sea turtle survey was carried out by Alan K. H. Korn, research assistant for the entire time period.

Laysan Island (15 March - 30 June)

Numbers of tagged turtles =	26	straight length
Numbers of tag recoveries =	6	<u>RANGE</u>
Number of female turtles	13	N=12 82.8-95.0
male turtles	7	N=7 83.0-90.8
juvenile/subadult turtles	<u>10</u>	N=10 44.2-77.3
total number identified =	<u>30</u>	

Pearl and Hermes Reef (2-6 July 1982)

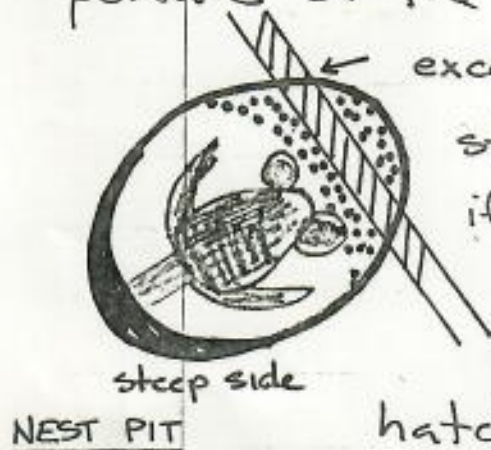
Numbers of tagged turtles = ?	19		
Numbers of tag recoveries = ?	11		straight length (C) RANGE
Number of female turtles	12	N=12	81.5-93.5
male turtles	5	N=5	81.9-91.8
juv./subadult turtles	<u>10</u>	N=9	49.2-77.8
total number identified =	27		

Lisianski Island (15 March - 13 September)

Numbers of tagged turtles = ?	75		
Numbers of tag recoveries = ?	25		straight length (C) RANGE
Number of female turtles	29	N=14	81.5-94.1
male turtles	15	N=11	77.2-89.3
juv./subadult turtles	<u>49</u>	N=46	37.4-79.2
total number identified =	93		

Green sea turtle, Chelonia mydas nesting
on Lisianski Island, 1982.

I am interested in the relative success of
sea turtle nesting on Lisianski Island 1982. Information
that would be helpful requires that you excavate
portions of the "nest pit".



excavate a transverse cut opposite the
steep side at least 2' deep (12" wide)
if no eggshells are found, try another
spot, still nothing, CEASE.
but if you do locate a nest that
hatched please record:

- A. Total number of eggs
- B. Number of empty (hatched) eggs.
- C. Number of still whole eggs

open

1. no. of unfertilized eggs (yolk)
 2. no. of 'new' term, full body, dead
- D. Number of hatchlings "buried" DEAD, unable to make it to the surface
- E. Animals, hatchlings you were able to save alive.

Comments:

smell (?) stinks hoh!

maggots

ghost crab burrows

bird burrows

(?) monk seals still hauling out in the pit.

IMPORTANT

If the nest has not hatched, recover with sand and watch, monitor.

MAHALO.

AZAD K.H. KAM

NESTING ON LISIANSKI ISLAND

<u>DATE</u>	<u>SECTOR</u>	<u>EXCAVATED PITS</u>
5/28	[8]	nondescript at 7/18 <u>28 m.</u> to ocean <u>Eragrostis</u> , just inside vegetation
5/4	[26, 27]	nondescript at 7/18
6/6	[26]	nondescript nesting area, hard to make any determination, <u>11 m.</u> to ocean <u>Eragrostis</u> & (?) grass
6/10-11	[27]	nondescript, <u>8.5 m.</u> to ocean <u>sand</u> , <u>Eragrostis</u> , grass
6/13	[14]	disturbed sand in one spot deeper than the rest, in 30' vegetation <u>Tribulus</u> Already <u>HATCHER</u> , and counted.

already examined

6/23 [27] 3 pits, 8.5 m. to water, Eragrostis
grass, Scaevola Already hatched
and counted.

6/27 [27] 3 pits, disturbed soil - wind blown
grass + pink flower plant, 11 m to barn
Already HATCHED, and counted

↓
D) CHECK THESE NEST SITES

6/29 { [16] 2 pits, marked. 5 m. to water, grass

11/21 112 eggs: 40 hatched; 70 w/ yolk only, 2 w/ well dev'd embryos, 10
dead hatchlings

6/30 [16] 1 pit, marked. 5 m. to water, grass
No eggs

7/1 ✓ [107] 2 pits, ~8 m. into vegetation zone
20 m. to water, Eragrostis + pink flower
plant w/ long runners Exc. 11/5. No eggs.
55

7/5? [44.45] 5 pits. DJA siting, 11 m. to water
Eragrostis and Tribulus.
Pit area explored - no eggs found.

7/11 [43] 1 pit, 1 surface scratch exploration
12 m. to water, Eragrostis, Tribulus.

7/11 ✓ [45] 1 pit, 1 surface exploration, 11 m. to
water, Eragrostis, Tribulus.
EXCAVATED 11/4, NOTHING FOUND - JAH

UNKNOWN? ✓ [44] south by border 1 pit, 9 m. to water Tribulus
Excavated most of pit 1/16. No eggs found. SS

7/13 ✓ [14] Actual nest marked, 2 pits 12 m. to water Eragrostis This nest has been uncovered by me. ~30 eggs were reburied 3' from pit, marked w/ bottles, please inspect. ✓

7/17 ✓ [43] 3 pits by turtle # 5850 5928
12 m. to water, Eragrostis, Tribulus

PIT POSITION UNCERTAIN, BOTTLE FOUND. 3 EXCAVATIONS OF LIKELY PITS MADE 11/16
NO EGGS FOUND - JKH

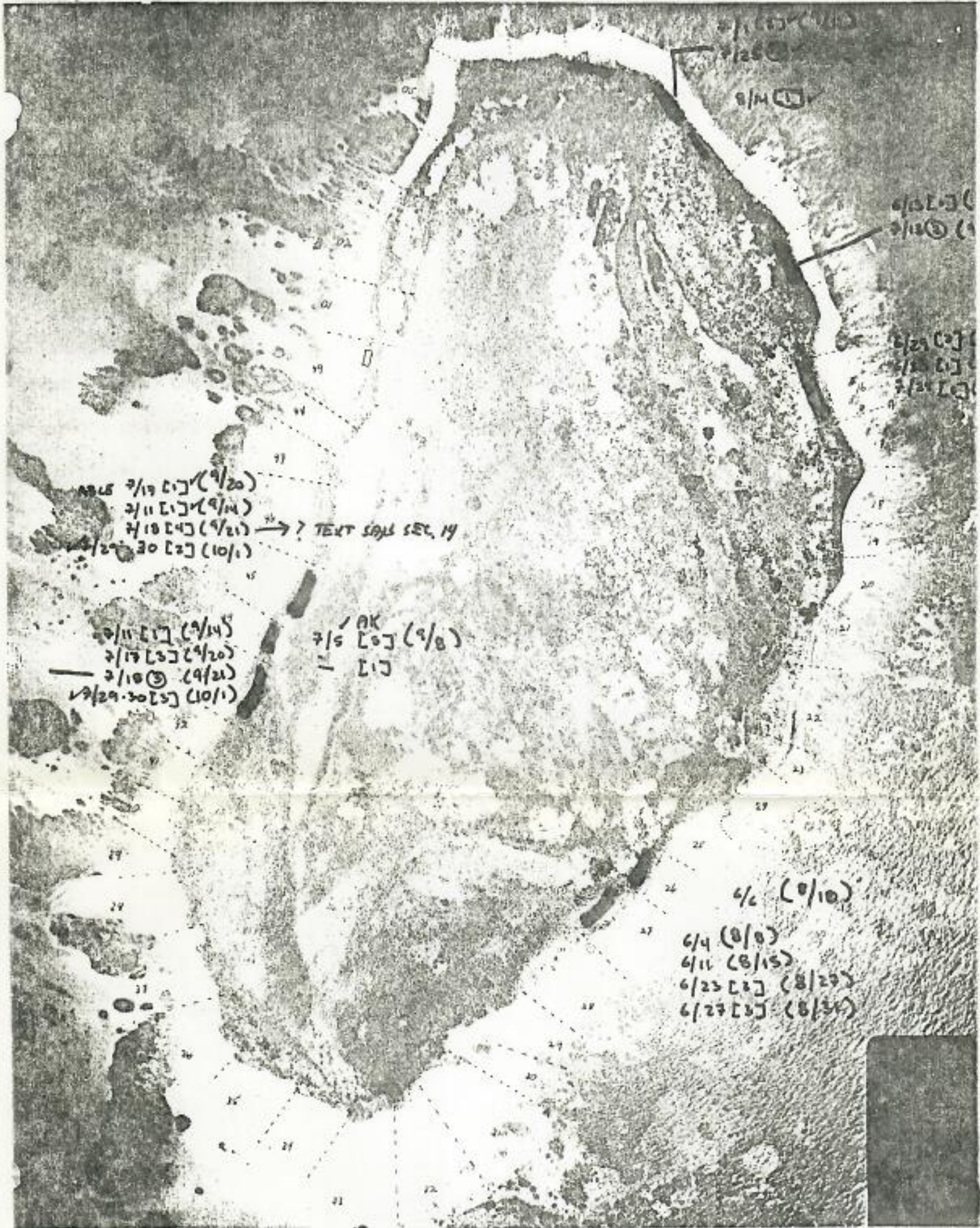
7/17 ✓ [45] ABLE 1 pit, deep middle of the trail, 9 m. to water, Eragrostis, sand
EXCAVATED 1/14, NOTHING FOUND - JKH

7/18 ✓ [43] Actual nest marked 3 pits 16 m. to water, Tribulus, Eragrostis
NEST EXCAVATED 11/18 NOTHING FOUND - JKH

MAP SAYS 44

- 7/18 ✓ [14]? 4 pit series, 9 m. to water, Tribulus
Eragrostis Excavated pits in area, no
eggs found. No well defined pits or markers in
place in area. Dug most likely depressions.
Actual nest marked, 1 pit series
18 m. to water. 11/19 75 egg shells
together, all similar & apparently hatched.
- 7/25 ✓ [10] 1 pit deep beside others in this
area (6/29 + 6/30) 5 m. to water
Exc. 11/21 entire pit. No eggs HSS
- 7/29-30 ✓ [43] 3 pits (2 deep ones, 1 surface trough)
11 m. to water Tribulus
3 EXCAVATED 11/17, NOTHING FOUND JPH
- 7/29-30 ✓ [44] 2 pits, 10 m. to water Tribulus
found in sec 45 Eragrostis Exc. 11/16 No eggs found.
Only 1 pit found. SS
1 bird burrow on side of depression
- 8/14 ✓ [11] Actual nest marked 1 pit
14 m. to water Eragrostis + sand
caution should be exhibited when you
examine this nest, might not hatch
still w/in the 55-88^{and} mean time to
hatch period EXCAVATED JPH/HSS ON 11/4 ... NO EGGS

5/20 (8/1)



7/20 (8/1)
7/20 (8/1)
7/14 (8/1)

7/20 (8/1)
7/11 (8/1)
7/20 (8/1)
7/20 (8/1)

7/19 [7] (9/20)
7/11 [7] (9/14)
7/18 [7] (9/21) → ? TEXT SAME SEC. 19
7/29 [7] (10/1)

7/11 [7] (9/14)
7/19 [7] (9/20)
7/10 [7] (9/21)
7/29-30 [7] (10/1)

AK
7/5 [7] (9/8)
[7]

7/4 (8/8)
7/11 (8/15)
7/23 [7] (8/25)
7/27 [7] (8/31)

27
28
29
30
31
32

23
24
25
26
27
28
29
30
31
32

SEA TURTLE SITING FORM

DATE

TIME

SECTOR

ANIMAL

♀ Adult
♂ Adult

Subadult Juvenile

ACTIVITY

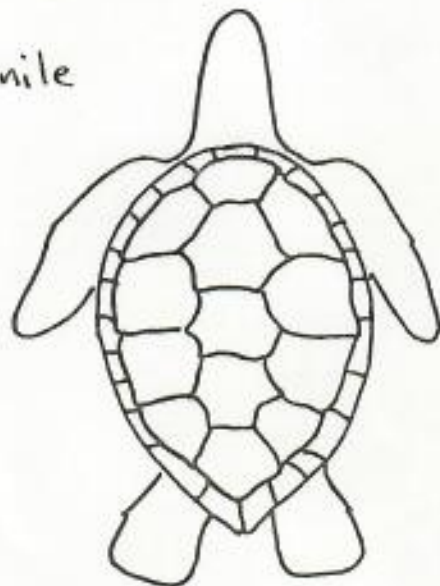
Basking
Swimming
Feeding

PHYSICAL CHARACTERISTICS

Color pattern, missing limbs
body injuries,

COMMENTS

turtle interactions
turtle / seal interactions
turtle / shark interactions



8/6

GEORGE -

ENT. #47 ♀

SIGHTED ON SAND ISLAND, KURE ATOLL (BASKING)

7-28-85, ADULT ♀ TURTLE

6285 L

RT TAG ALSO PRESENT

8/14

LISI
July 82

- JOHN
HENDERSON

Recovered
By Gail
700.??

July 20 - may have been the same

8/14/85 LISIANSKI by AKHK

6285 LFL, 6286 RFL

6287 RFL

S - 94.1 x 72.4

C - 101.5 x 97.0

Nested & 99 eggs deposited

Area 11

No. & TAG & FURTHERS?
NEW
Measurements

Doris Alcorn

TURTLE TAG RECOVERIES: LISIANSKI 1984

TAG NO. L.	TAG NO. R.	STRAIGHT LENGTH (cm) ^x	AGE	SEX	DATE	SECTOR
2956	61.8	^{10/3/78} T1	U	08-03-84	05	✓
<u>8564</u>	<u>8563</u>	S-51.1 LISI				
2960	4920	✓ ENT.#4 LISI DATA TABLES	T3	F	07-22-84	25
		many subsequent recoveries				
3554		→ ENT.#159 TM-36	T3	F	07-12-84	27
5947	5830	50.9	^{7/31/82} T1	U	07-31-84	26
	<u>8560</u>	S-49.9 LISI				✓
5835		ENT.#25	^{6/5/82} T3	M	07-06-84	04
		LISI SEC 4				
6325	5854	^{6/7/82} S-58.5	T2	U	07-08-84	25
		^{7/82}				NO recovery measurements
		^{10/82; 11/82}				
<u>8557</u>	6483	49.6	^{11/10/82} T1	U	07-12-84	20
		S-49.1 LISI				✓
6756 & 6758?	6757	ENT.#26	^{5/18/1983} T2	M U	07-12-84	26
		S-77.3 LISI sec 26				
6762		ENT.#41	^{5/24/1983} T3	(F?)	07-22-84	30
		F LISI sec 30				
6781		ENT.#78	^{6/27/1983} T3	(M?)	07-28-84	27
465 & 5940?		FFS LISI sec 27				

○ = new tags were put on

* = we have additional measurements for some

Table ____ Juvenile and subadult green turtles tagged
 at Lisianski Island, 15 March - 13 September 1982.

Tag number	Date	Sector	Measurements	?
	first observed			
2837 · 2838	^{CISI} ^{Graybook} #36 4/12 [20]		(C) 68.0	
	#37 7/15 [18]		(S) 64.4 x 54.0 (C) 70.0 x 66.0	
			PL = 54.3 Head = 9.4 Tail = 11.0	
2857 · 2858	#35 3/29 [3]		(C) 67.9	?
	#38 8/7 [11]		(S) 54.0 x 46.0 (C) 56.5 x 52.6	
			PL = 43.3 Head = 8.2 Tail = 10.2	
2859 · 2860	#34 3/21 [9]		(S) 41.5	
	#39 8/15 [10]		(S) 42.0 x 35.9 (C) 45.0 x 42.2	
			PL = 33.9 Head = 7.1 Tail = 9.2	
2939 · 2941	#40 7/17 [26]		(S) 74.1 x 61.0 (C) 81.0 x 74.7	
	#41 7/25 [25]		(S) 73.8 x 61.0 (C) 80.8 x 75.9	
2946 · 2947	#42 7/8 [40]		(C) 48.7 x 42.7	
2959 · 2960	4/22 [26]		(C) 84.0	
	^{#4} ^{Adult} ^{Shed} 7/23 [25]		(S) 79.4 x 63.9 (C) 87.0 x 80.5	
	8/17 [26]		(S) 79.2 x 63.3	
2961 · 2942	3/26 [26]		(C) 84.0	
2943	^{#16} ^{Adult} ^{Shed} 7/12 [25]		(S) 76.8 x 64.8 (C) 84.0 x 78.7	

L-R
for tag:

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attached to ^{CISI} GRAY BOOK to enter

1982

- 5826 (#43) 4/8 [16] (S) 42.9 x 36.8 (C) 45.3 x 42.6
8/4 [16] PL=35.6 Head=7.1 Tail=7.2
- 5827 #44 4/10 [43] (S) 46.5
- 5828 #45 4/12 [27] (S) 51.5 (C) 53.0
- 5829 #46 4/18 [26] (C) 50.0
- 5830-5947 #4#19 [20] (C) 52.0
- #47 7/31 [20] (S) 49.9 x 41.2 (C) 53.8 x 48.4
PL=40.4 Head=7.9 Tail=10.0
- 5831 #48 5/2 [49] (S) 45.4
- 5833 #49 5/17 [20] (S) 52.0
- 5834 #50 5/17 [20] (S) 54.9
- 5836 #51 6/5 [4] (S) 39.8
- 5841 #52 6/10 [3] (S) 76.2
- 5842-5944 #53 6/17 [3] (S) 61.4
- 5843-6288 #54 6/17 [4] (S) 76.0
- 6289 #54 7/13 [5] (S) 76.2 x 65.2 (C) 83.7 x 80.1
- 5844 #55 6/26 [40] (S) 43.6
- 5845 #56 6/27 [20] (S) 44.0
- 5852 #57 6/30 [20] (S) 69.9 ± .1
- 5854-6325 #58 6/30 [27] (S) 58.5
- #58 7/13 [26] (S) 58.2 x 48.7 (C) 63.6 x 57.1

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- 5931 (#59) 7/20 [25] (S) _____ x 65.9 (C) 83.0 x 78.2
- 5932-5933 7/20 [6] (S) 43.4 x 35.0 (C) 46.7 x 42.1
#60 PL = 34.2 Head 6.9 Tail = 8.7
- 5934-5935 7/21 [20] (S) 43.9 x 36.5 (C) 46.8 x 41.6
#61 PL = 35.4 Head 7.2 Tail = 7.5
- 5939 ^{9 DATA SHEET} (#33) 7/24 [25] (S) 77.3 x 65.4 (C) 82.8 x 77.2
- 5948 #62 8/4 [13] (S) 77.2 x 60.5
- 5949 8/5 [26] (S) 44.2 x 35.3 (C) 47.2 x 41.7
#62a PL = 35.3 Head 7.0 Tail = 8.3
- 5950 8/6 [27] (S) 73.8 x 61.2 (C) 81.8 x 74.8
#63 PL = 60.9 Head 11.0 Tail = 19.0
- 6276-6277 8/11 [27] (S) 69.3 x 57.1 (C) 74.9 x 69.1
#64 PL = 55.7 Head 10.2 Tail = 14.2
- 6279-6280 8/12 [45] (S) 45.6 x 36.1 (C) 48.3 x 41.2
#65 PL = 37.2 Head = 7.0 Tail = 8.5
- 6281-6282 8/13 [16] (S) 59.5 x 49.3 (C) 64.3 x 59.8
#66 PL = 49.4 Head 8.9 Tail = 14.0
- 6283-6284 8/14 [25] (S) 43.5 x 35.5 (C) 47.0 x 41.6
#67 PL = 35.2 Head = 6.8 Tail = 8.4
- 6293-6294 8/20 [10] (S) 49.4 x 41.0 (C) 52.4 x 47.0
#68 PL = 40.8 Head = 7.5 Tail = 9.0
- 6295-6296 8/20 [10] (S) 41.3 x 34.5 (C) 44.3 x 39.5
#69 PL = 32.7 Head = 6.5 Tail = 8.0
- 6297-6298 8/20 [10] (S) 37.4 x 32.5 (C) 40.5 x 37.8
#70 PL = 29.5 Head 6.8 Tail = 7.0

- 6305-6306 8/23 [10] (#71) (S) 45.4 x 38.1 (C) 48.4 x 45.1
PL: 35.9 Head: 7.8 Tail: 8.0
- 6307-6308 8/23 [10] #72 (S) 42.8 x 36.2 (C) 45.7 x 41.6
PL: 35.2 Head: 6.9 Tail: 7.0
- 6310-6311 8/27 [10] #73 (S) 44.8 x 36.7 (C) 47.8 x 42.5
PL: 35.1 Head: 6.9 Tail: 9.4
- 6312-6313 8/27 [10] #74 (S) 44.3 x 37.3 (C) 47.3 x 43.7
PL: 35.6 Head: 6.9 Tail: 8.7
- 6314-6315 8/27 [10] #75 (S) 49.1 x 39.9 (C) 51.8 x 47.2
PL: 40.2 Head: 7.7 Tail: 9.0
- 6316-6317 8/28 [5] #76 (S) 48.4 x 40.5 (C) 52.5 x 48.6
PL: 38.5 Head: 7.9 Tail: 10.3
- 6319-6320 8/29 [2] #77 (S) 39.1 x 32.5 (C) 41.6 x 37.8
PL: 32.1 Head: 6.3 Tail: 7.3
- 6321-6322 8/30 [18] #78 (S) 45.7 x 36.0 (C) 48.9 x 43.2
PL: 37.0 Head: 7.4 Tail: 9.0
- 6331-6332 9/11 [Camp] #79 (S) 49.9 x 40.3 (C) 52.8 x 47.5
PL: 40.8 Head: 7.6 Tail: 9.0
- 6333-6334 9/11 [Camp] #80 (S) 45.1 x 35.3 (C) 47.9 x 39.7
PL: 36.1 Head: 7.3 Tail: 9.5
- 6335-6336 9/13 [4] #81 (S) 43.0 x 34.7 (C) 46.2 x 40.4
PL: 34.0 Head: 7.1 Tail: 8.0

N=46 Range: 37.4 - 79.2
Mean 53.2
SD 12.96

Method of catch

JUV - ?

SA - ?

other measurements \bar{x} - ?

Tag recovery data for Lisianski Island, 15 March to 13 September 1982

Enter numbers

Tag number	Date observed	Sector	ORIGINALLY TAGGED	RECOVERY
2837 - 2838	4/12	[20]	LISI C-55.2	Recov: 7/15/82 C-70.0
2857 - 2858	3/29	[3]	ORIG. TAGGED LISI 7/20/78 S-44.8 x 38.9 C-47.9 x 44.5	Recov: 8/7/82 S-54.0 x 46.0 C-56.5 x 52.6
2859 - 2860	3/21	[9]	ORIG. TAGGED LISI 7/21/78 S-38.1 x 32.7 C-40.0 x 38.1	Rec. 8/15/82 S-42.0 x 35.9 C-45.0 x 42.2
2939 - 2941	7/17	[26]	ORIG. TAGGED LISI 10/2/78 S-64.4 x 53.3 C-69.8 x 62.8	Rec- 7/25/82 S-73.8 x 61.0 C-80.8 x 75.9
2946 - 2947	7/8	[40]	ORIG. TAGGED LISI 10/3/78 S-42.2 x 33.7 C-44.8 x 39.4	REC- 7/8/82 LIS C-48.7 x 42.7
#4 2959 - 2960	8/17	[26]	orig tag 19 Sept 1966 LIS by GB	observed Lis-B 8/18/75, 10/2/78, 5/14/80 3/21/82, 8/17/82
#16 2961 - 2942 2943	3/26	[26]	orig tag 2 Oct 1978 East, FFS-B	observed Lis-B 3/26/82 - SS 4/29/82 JH
#87 2664 - 5839	4♂ 6/6	[8]	orig tag 13 June 1978 LIS	observed Lis-B 6/6/82
#18 (T) 211 6304 6303	♀ 8/21	[26]	orig tag 6 Sept 1972 LIS	observed Lis-B 8/21/82 - AK
#6 T 256 6299 6300	♀ 8/20	[26]	orig. tag 30 May 1973 LIS	observed Lis-B 3/25/81 - RS
#15 A 494	♀ 3/21		orig tag 26 March 1969 LIS	observed Lis-B 3/21/82 - JH
#19 644 6301	♀ 8/21	[15]	orig tag 26 Sept 1967 LIS	observed Lis-B 8/21/82 - AK
#14 1014	♀ 8/26	[5]	orig. 11 Feb 1963 East, FFS-N	observed Lis-B 3/26/82, 5/7/82, 8/26/82
#147 1292 1293 5090	♀ 4/22	[2]	orig. 8 July 1976 LIS	observed East, FFS-N 4/15/81 Lis-B 4/22/82
#39 1298 1299	♀ 4/1	[29]	orig 20 March 1968 LIS by GB	observed East FFS 5/16/71 East-N 7/9/76 East-N 6/27/80 Lis-B 4/1/82
#17 2866	♀ 3/29	[27]	orig 21 July 1978 LIS	observed Lis-B 3/27/82 - JH
#3 2951 6278	♀ 5/23	[26]	orig. April 1973 ?? LIS-B	observed Lis-banking 10/3/78-GB 3/25/81 - RS
#60 3554	♀ 3/28		orig. March 1967 ? LIS	observed WS, FFS-B 6/8/80 Lis-B 3/28/82 - SS
#2 2950	♀ 9/4	[27]	orig April 1973 ?? LIS	observed Lisianski-B by GB 3 Oct. 1978
#20 399 6330	♀ 9/8	[20]	orig. 21 Aug. 1970 LIS	observed Lis-B 5/30/73
#14 430 6290	♂ 3/28		orig. 20 March 1967 TRIG, FFS-B	observed Lis-B 3/28/82 - SS
#78 465 5940 6327	♂ 6/6	[15]	orig 13 March 1967 LIS	observed Lis-B 4/4/82 - JH
585	♂ 7/17	[11]	NO ORIGINAL DATA FOUND - TAG MISREAD ?	
#3 T 259 2958	♂ 3/21		orig. 24 July 1973 LIS	observed Lis-B 7/77 10/3/78-GB 5/16/80 3/21/82 - TJ
#15 (878) 5846 5847	LIS		orig. 26 March 1969	observed Lis-B 3/30/82 - JH

Inconel tag number series used on Lisianski
Island 25 April - 9 August 1983.

6751 - 6789 (39 count)

return 1 tag [# 2843]

A.K.H. Kam

turtle tag resights - Lisianski 1982
(through 5/11/82)

	Right #	Left #	Sex	Length	Date	Sector	Observer	Comments
1	small metal HIMB #2860 Wildlife Kailua #T259	small metal HIMB #2859 small metal HIMB #2958		41.5 cm	3-21-82	9	JRH	NO. 34 in juvenile data book
2	"	"	♂	NO. 3	"		"	ENTERED No. 3
	"	"	"		5-03-82	16	TCJ	
3	Wildlife HNL #A494	none	♀	NO. 15	3-21-82		JRH	tag "unhooked"
4	small metal HIMB #2942	small metal HIMB #2961	♀	NO. 16	3-26-82	26	HSS	
	"	"	"		3-28-82	27	"	
	"	"	"		3-31-82	"	"	
	"	"	"		4-2-82	"	JRH	
	"	"	"	84 cm	4-5-82	"	"	curvilinear meas
	"	"	"		4-21-82	26	HSS	
	"	"	"		4-25-82	"	"	
	"	"	"		4-29-82	29	JRH	
5	none	large metal #1014 Hawaii Fish & Game	♀	NO. 14	3-26-82	5	JRH	tag legend unreadable, tag opened & rotated w/ legend embedded in flesh
	"	"	"		3-29-82	46	"	
	"	"	"		5-7-82	9	"	grabbed tag & twisted to read legend, tag came off - saved
6	HIMB #2866	none	♀	NO. 17	3-27-82	27	JRH	tag open
7	Wildlife HNL #430	none	♂	NO. 14	3-28-82	SW corner	HSS	
8	Small Metal HIMB #3554	none	♀	NO. 160	3-28-82		HSS	
9	Small Metal HIMB #2857	Small Metal HIMB #2858	♀		3-29-82	3	HSS	NO. 35 juvenile data
10	Wildlife HNL #878	none	♀?	NO. 15	3-30-82	46	JRH	tag embedded in flesh, v. difficult to read both tags said "Hawaii" (UofH?)
11	#1298	#1299	♀	NO. 39	4-1-82	29	HSS	
12	Wildlife HNL #465	none	♂	NO. 78	4-2-82	35	JRH	
13	tag present	HIMB #2838		68 cm	4-12-82	20	JRH	curvilinear meas. NO. 36 Juvenile data
14	HIMB #2595	HIMB #2960	♀	NO. 4 84 cm	4-21-82	26	HSS	curvilinear meas.
15	UH Marine Lab Kaneohe #1292 #259?	UH Marine Lab Kaneohe #1293 small metal HIMB #5090	♀	91.7 cm NO. 147	4-22-82	2	JRH	

As appropriate -
enter in FWS 2 units first

R. Shallenbeger
Ruth Itner

If he didn't
enter "HIMB" - it
is assumed to be
an FWS tag
inscription

Turtle Records

Lisianski Island (3/25-26/81)

Total observed on island = 13

10 males

3 females

tags/notes

1) ♂ ~ 38"

2) ♀ ~ 20"

3) ♂ ~ 38"

9/27/67
north, PH ♀ 4) ♀ → 6/10/80 north, PH 36"-38" - ~~ENTERED~~ right (645)

5) ♀ ~ 39" - tagged (could not read)

5/30/73 45 2615
♀ 6) 5L ♀ ~ 35" ~~ENTERED~~ BSF on right (T-256)

226 10/3/78
9951 ♀ 7) 6151 ♀ ~~ENTERED~~ ~ 40" - BSF on left (T-226)

8) ♂ — 86 cm

9) ♂ — 92 cm (missing 10" from shell on rt. rear)

10) ♂ — 91 cm (ulcerated rt. flipper where tag would be - no tag)

11) ♂ — 89 cm (notch in trailing edge of left flipper & - tag lost?)

12) ♂ — 86 cm

13) ♂ — 92 cm (worn area out of starboard central slope of carapace)