

BALAZS

APR. 34

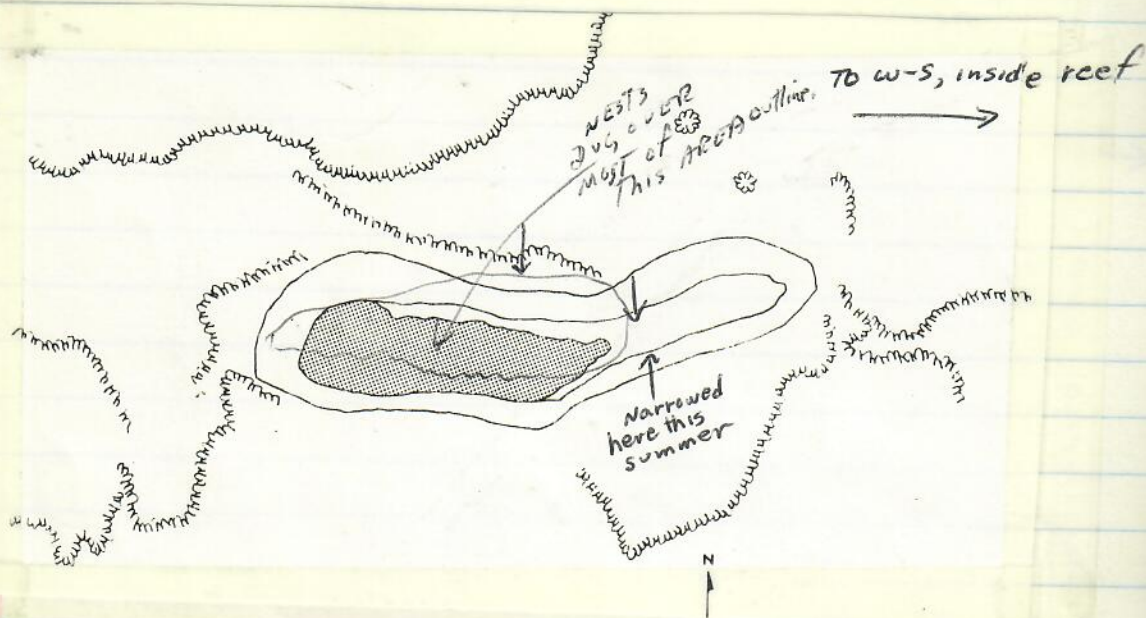
BOOK 1 + (NARRATIVE) (+ TC 114-113)
EXPED 35 NARRATIVE 11-12 JUNE 85

FRENCH FAUCATE SHOALS
1984

1984

BALAZS
(808) 395-6409

2 OF 2



Lots of *Tournefortia* trees with frigates and redfooted boobies nesting.

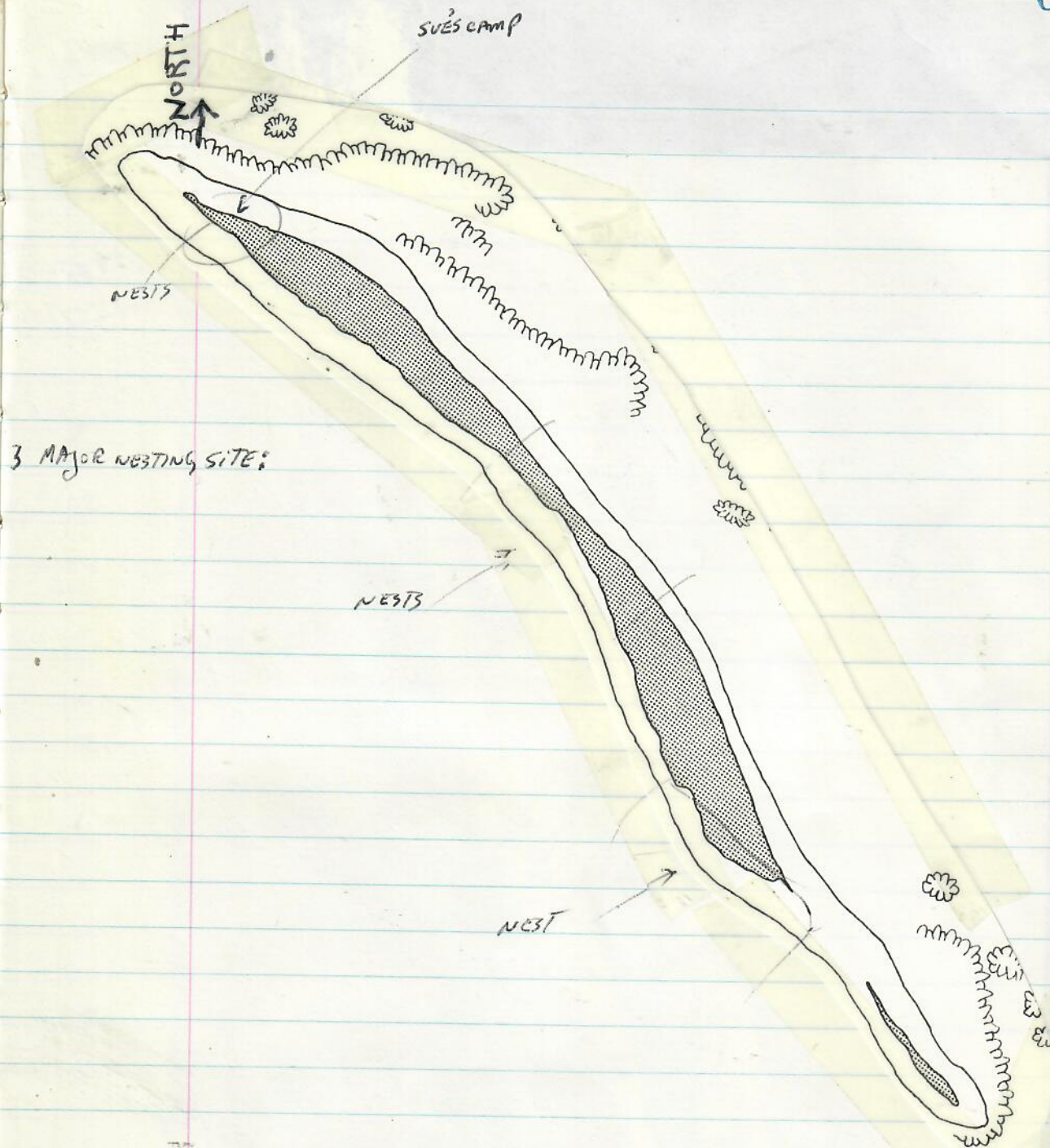
GEORGE

From JOHN HENSON 6 AUG 84

(1) NO ALL NIGHT (FULL) COVERAGE. ONLY CHECKED BETWEEN HOURS NOTED ON PAGES OF DATA. (i.e. 7/13 - 2200-2330; 7/14: 2230-2345; 7/8: 2145-2215; 7/20: 2200-2230)

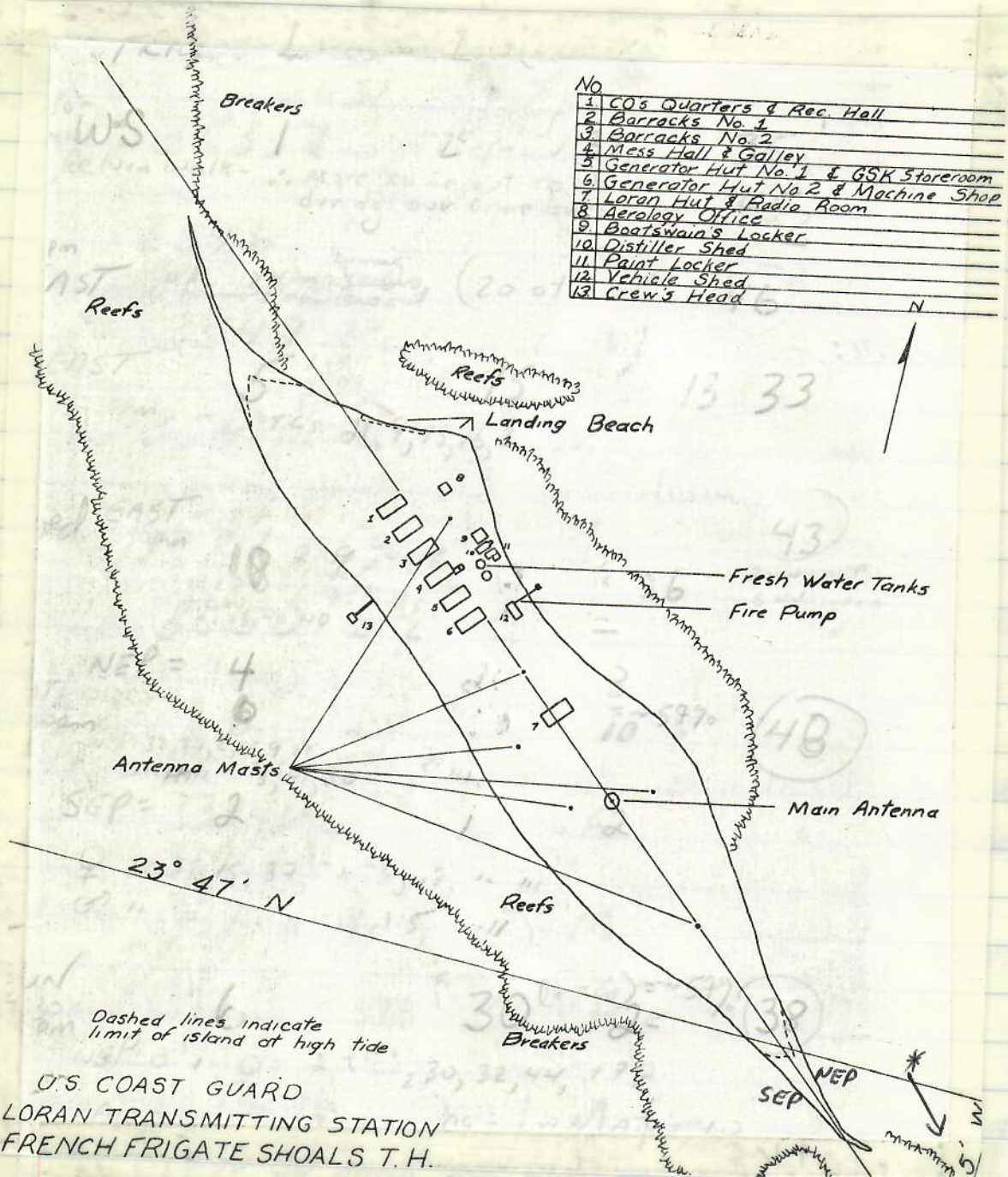
ALL NESTING TURTLES DURING THAT TIME ARE ON DATA SHEET, BUT NOT ALL WERE INSPECTED (& ARE NOTED (N) (S))

(2) BAD TAGS 8204 ^{returned to me} (IN HAND); 8218 ^{returned to me} (IN HAND), 8219 (LOST)
8170 ^{returned to me} (IN HAND, BUT MUST BE SRL MIS-APPLICATION...
 8220, 21 nesting on ♀ under building, STARTED WITH 8199)
 ALSO, TAG 8222 IS IN THE LOST (TEMPORARILY?)
 PLIERS.

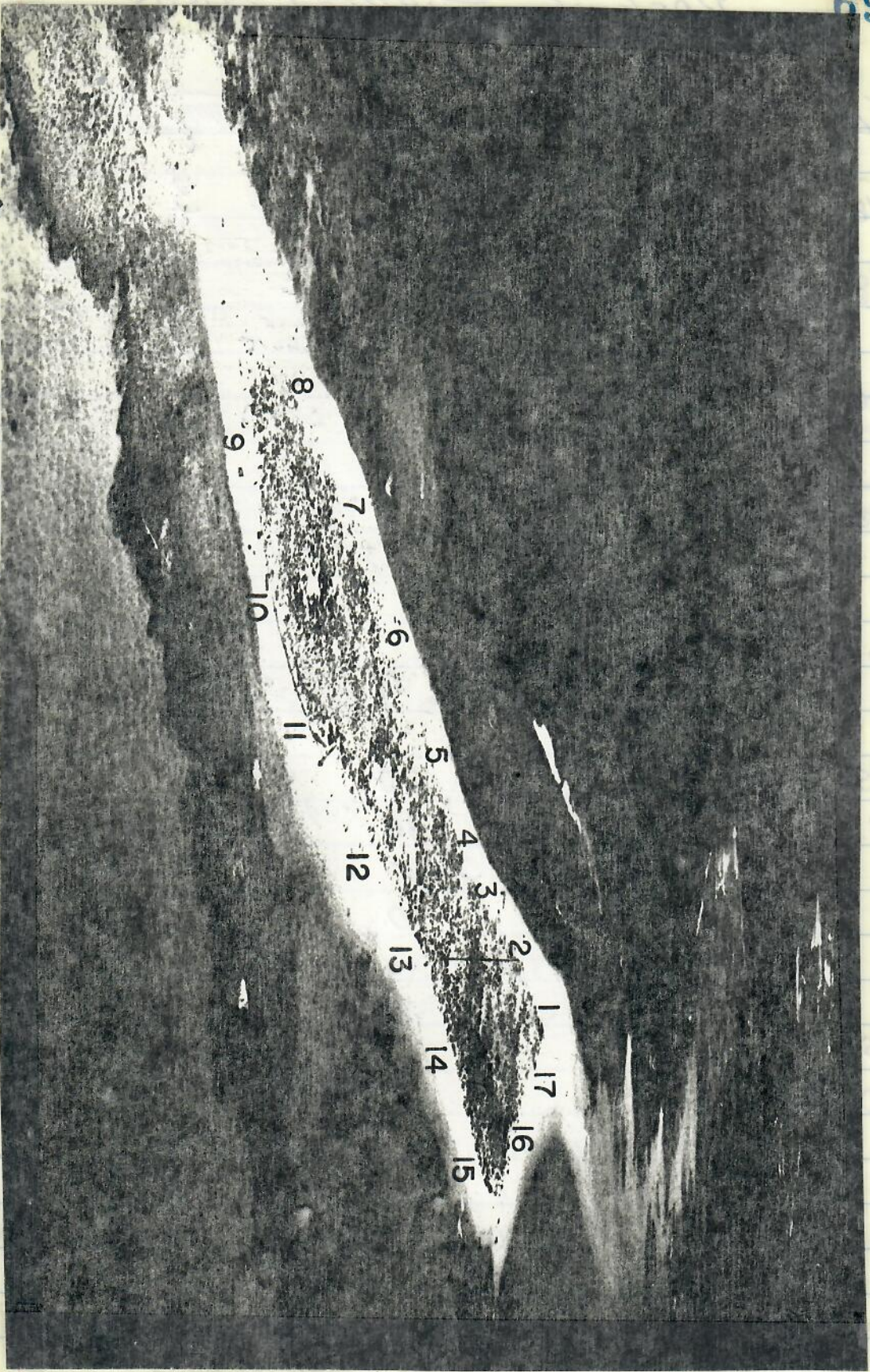


plier tag in it

→ Found by Glynnis Nakai in sand on
Tern late April 1990.
Returned to me.



6/15 * Turtles seen coming from this reef area with high tide, apparently to bask at snep.



5/12
5/13
5/14

5/12
5/13
5/14

* GOAL IS TO CENSUS AT HIGH-COUNT TIMES.

70

BASKING TURTLE CENSUS

DATE/TIME	LOCATION	MALE	FEMALE	UNKNOWN SEX I	TOTAL	OFFSHORE		
						M	F	I
6/3/84 NOON SCN	TRIG	1	1 + (1 INTERSEX)		3			3
6/3/84 1230- SUN	4 HOLE WS	1	1 - "orange" SIZED TM SEEN	32	35			38 = ?
	Return walk -		∴ More came out to bask during our time on shore		45			30 = ?
6/3 SUN	EAST			(20 at SEP)	46			very few seen ~ 5
NOTE: High tide coming > 4pm - see below to promote numbers out								
6/5 SUN	EAST TUES. 5:30pm	5	1-A11 1-A7 1-AB 1-SEP 1-NEP TC's - 21, 9, 15, 16, 23	15	33			
				(5 TC's) 3-A9 7-NEP 2-AB 3-SEP				
6/6 SUN	EAST wed 5:30pm	18	2-A9 4-SEP 1-NEP 1-A12 1-NEP AXIAL 1-A11 TC 23, 46, 40	9	26			43
				1-A10 1-A9 1-NEP 1-AB				20 UN-NEP 6 UN-SEP + AB
6/9 SUN	EAST SAT. 5:30pm	4	NEP = 4	20	8			48
		0	TOTAL = 0	30	10			~57%
			♀ NEP 32, 29, 2, 55, 9, 21 UN HTII 3, 41, 30	♂ IIII				
		2	SEP = 2	10	2			
			♀ TC 35, 15, 37, 23, 34, 19, 46 III					
			♂ II (♂ A13; 1-A11)					
6/10 SUN	EAST 4:30 pm	6	NEP: ♂ I; ♀ TC 2, 3, 20, 21, 30, 32, 44, + 7 ♀	30	2			38
			A10 = TC 55, 1♂, 1♀; A9 = 1♂; A13 = 1♀					
			SEP = TC 18, 77, 38, 34, 26, 83, 23, 85, 4♀, 3♂, 2 UNK					
			AB = TC 46					

DATE/TIME	LOCATION	MALE	FEMALE	UNKNOWN SEX	TOTAL
6/11 Monday 6:30pm	EAST TC 26, 28, 81, 15, 64, 62, 54, 34, 35, 26, 18, 14, 46, 9, 82	4	23 (15 TC's)	~65% -E	(27)
	♀ III 5 ♂ IIII				
6/12 TUES. 10:30am	TRIG	2	0		(2)
6/13 Wed 4pm		2	3	1	(6) Baskers Move from Trig to W500s seem progresses??
6/13 WED. 6:30pm	EAST	2	21 (19 TC's)	=90% -E	(23)
6/14 Thurs. 4pm		2	32 (27 TC's)	=84% 0	(34)

MOST AT SEP - seems to be due to rising tide which washes up harder at NEP.

8222
found 4/90 in
term in
place by G.M.I.

OTHER CONTINUED FROM P.65
TAGS IN HAS HENDERSON DATA
PRESENTS

ISLAND	NEST OR BASK	PAINT	SEX/LN	TAGS APPLIED OR RECOVERED	OTHER TAGS PRESENT
7/19 cont'd	EAST NEST	-	♀/-	(R) 8468R (R) 8107L	NONE
GB TAGGED -	EAST NEST	-	♀/-	(R) 4263R	NONE
ENTR. 219	EAST NEST	-	♀/-	(R) 6190R DIST	R. AX; L. AX; L. DIST
7/1000	EAST NEST	-	♀/96.3	(R) 2232L	NONE
NESTING	EAST NEST	-	♀/-	(R) 8186R	L. AX
CHECKED	EAST NEST	-	♀/87.0	(R) 5299R	L. AX.
2230-	EAST NEST	-	♀/-	(R) 8177R	L. AX.
2345	EAST NEST	-	♀/-	(R) 6111R	L. AX.
ENT. 244	EAST NEST	-	♀/-	(R) 3237R DIST	(NI)
ENTR. 222	EAST NEST	-	♀/-	(R) 8176R	L. AX
ENTR. 207	EAST NEST	-	♀/-	(R) 5145R DIST	R. AX; L. AX; L. DIST
7068	EAST NEST	-	♀/-	(R) 2237R	L. AX
	EAST NEST	-	♀/-	(R) 8179L (R) 8217R	NONE
	EAST NEST	-	♀/87.3	MISSED TWICE	NONE ... OH WELL
	EAST NEST	-	♀/-	NONE	(NI) BY SEALS
	EAST NEST	-	♀/-	NONE	(NI) "
	EAST NEST	-	♀/-	NONE	(NI) LAYING
7/16/84	TEEN NEST	-	♀/95.0	(R) 8220L (R) 8221R	♀ 9219, 8219† GAP ♀ ASLEEP UNDER
	TRANSPLANTED	45 EGGS; 54 EGGS			GARAGES IN A.M.; HAD LATE EGGS ON SURFACE; NO CHANGE
7/19	W-S NEST	-	♀/-	(R) 7951L	R. AX
ENT. 276	W-S BASK	-	♀/-	(R) 5155L (R) 5154R	NONE JTE
ENT. 278	EAST NEST	-	♀/94.2	(R) 5937L	R. AX
ENT. 277	EAST NEST	-	♀/98.5	(R) 5281R	L. AX L. DIST, R. DIST
NESTING	EAST NEST	-	♀/90.4	(R) 3839R	L. AX JTE
CHECKED	EAST NEST	-	♀/88.1	(R) 5923L	R. AX JTE
2200	EAST NEST	-	♀/-	(R) 8151L	NONE JTE
2230	EAST NEST	-	♀/-	(NI)	(NI) EGG CHAMBER
7/21	EAST NEST	-	♀/-	(R) 9199R	L. AX BY TERM; NESTING CHECK NOT DONE 7/21

6/8
6/9
6/10
6/10
6/11
6/11 2
6/13
6/14
6/15

ENTR. 219
ENTR. 222
ENTR. 207
ENTR. 244

ENT. 276
ENT. 278
ENT. 277
ENT. 277
GB TAGGED

8822 cont?

W-S basking - 1) more beach basking habitat used/available to turtles

2) less affected by tides

3) underwater habitat closer to beaches

than at East. other northern inlets.

4) Accrued from other northern inlets.

Sue's BASKING TURTLE COUNTS - Whale-Island

6/8/84 - 50
7pm6/9 130-230 24 (Blue TC 11, white TC 50 + 25 turtle in the water)
pm6/10 920 21
am

6/10 5:30pm 56 (blue TC 12, 23, 15)

6/11 1053 44 (blue TC 1, 33, 5, 19, 12, white TC 50)
am6/11 2- 46 + 7 IW (blue TC 12, 19, 33, 15)
3:30pm

6/13 45 + 4 IW (Blue 19, 23, 15, 38, 3, 12, 7, (45), 11)

6/14 ——— (blue 30, 31, 45, 19, white 1?)
(50 & 48 IW)6/15 5pm 31 { 27 ♀ (Blue 47, 32, 21, 13, 10, 37, 42,
4 ♂ 55 (41, 19, 26)
(11 TC's) = ~41%

BASKER TAGGINGS

DATE/TIME	TAG NO.	SEX	LOCATION & REMARKS	DATE/TIME
6/3/84 SUNDAY 6/11	3535 L 3-4 th	F	W-S EAST END MANY TUMORS - PHOTOS	6/7
6/4 MON	3546	M	EAST-NET TMR ON FLIPPERS and eye	6/7
6/4 MON	3547 RFL	M	EAST NET above WATER DUG DEEP INTO SAND	6/8
6/4	3548 LFL	M	EAST BLK NET	6/8
6/4	3549 LFL	M	may not be locked good EAST-SEP	6/8
6/4 MON	3550 LFL	F	later assigned TC19 EAST SEP	6/8
6/5 6am TUES	3360 LFL	F	TC32 deep scratches EAST-A9 in carapace - PART BURIED IN SAND	6/8
6/6 5:30pm wed	3374 LFL 3375 RFL	F	TC82 6/9 east A10	6/8
6/6 wed 5:30pm	3376 LFL	M	EAST-Precentral A9 deformed on left	6/8
6/6 5:30pm 6/9-4pm	3377 RFL; 3378 LFL	F	TC81 6/9 next to previous copulators? EAST-A9 - didn't move when tagged	6/8
6/6 5:30pm 6/15 3pm	3373 RFL 4278 LFL	M	sm TMR REYE Large TMR LEYE EAST-A12	6/8
6/7	3388 LFL	F	not TC'd as of TC100 7am EAST TAG CLOSE TO EDGE	6/8
6/7 Thurs 10am 6/13	3390 LFL	F	Seen by Sue baskey (and nesting?) on W-S. "Lumpy" TUMORS. Seen P. 60	6/9 5:30

DATE/TIME	TAG NO.	SEX	LOCATION & REMARKS
6/7 Thurs 10am	✓ 3391 FL	M	TMR in shore TRIG area
6/7 Thurs 10am	✓ 3392 RFL; ✓ 3393 LFL	M	TRIG - close to shore. Mouth filament cut from left shoulder - Photos
6/8 Friday 3:30pm - GHB	✓ 3398 RFL	F	W-S
6/8	✓ 3399 RFL	F	W-S
6/8 ENT. NO. 3379	✓ 3400 RFL; ✓ 3401 LFL	F	TMRs on both eyes W-S
6/8	✓ 3402 RFL	F	W-S
6/8	✓ 3403 RFL	F	W-S
6/8	✓ 3404 RFL	M	yellowish carapace; FFippers & LH badly bitten.
6/8	✓ 3405 LFL	M	W-S
6/8	✓ 3406 LFL	M	W-S
6/8	✓ 3407 RFL	F	W-S
6/8	✓ 3408 RFL 7/16/87 Vicki Stern MOLOAA BAY, HAWAII	F	W-S dead
6/9 5:30pm SAT. 6/12 EAST BASK	✓ 3414 RFL	M	EAST A15 clean shell relatively small tail.

BASKER TAGGINGS, (CONTINUED)

DATE/TIME	TAG NO.	SEX	LOCATION & REMARKS	DATE/TIME
6/9/84 5:30pm	3415 RFL	M	AIL - EAST	6/11
6/10 4:30pm SUN	(3431 RFL) 4277 LFL	M	SEP - EAST	6/11
6/12 11am	4259 RFL ^{NO. 113}	MALE	TERN - by fuel tanks	6/11
*The following transcribed from Sue's date - ^{Basking} Whale - Skate				
6/9	7968 LFL	F	NIGHT W-S BASKER	6/12
6/9	7969 LFL	M	"	6/13
6/10	7980 LFL	M	"	6/13
6/10	7982 LFL	M	"	6/14
6/11	7984 LFL	F	"	6/14
6/11	7985 LFL	M	"	6/15
6/11	7986 LFL	F	"	6/15
6/11	7987 LFL	F	"	6/13
6/11	7988 LFL	M	Limb bones exposed	6/13
6/11	7989 LFL	F	"	6/14
6/11	7990 LFL	F	"	6/14

DATE/TIME	TAG NO.	SEX	LOCATION & REMARKS
6/11	7991 LFL	F	W-S
6/11	7992 LFL (Recovered 6/13 4pm basking on TRIG)	Male	W-S
6/11	7993 LFL	F	W-S
6/11	7994 LFL	F	W-S
6/12 TUES 84	4261 LFL	M	NE SANDBAR TERN 10pm NIGHT BASKET * REC. 4/17/87 PUNALUU, OAHU BEACHED & WENT IN THE INTERSTITIAL ZONE - RONALD HAD BOTTLE horny knob on dorsal fall a few inches from the tip. TRIG
6/13 4pm WED. W REC 6/5/86	4262 RFL BASK-TRIG	M	SEP-EAST. Small amount of red alga in posterior seam of ear face.
6/13 6:30pm wed	4263 RFL	F	SEP-EAST. Small amount of red alga in posterior seam of ear face.
6/14 10am Thurs.	4274 LFL	M	BASK end of SWEP; EAST
6/14 10pm Thurs. NO. 114	4275 LFL	M	SL-90.5 EAST SEP
6/15 3pm Friday	4276 RFL	F	NOTE NEP visible EAST
6/15 10pm Friday	4283 RFL 4284 LFL	F small	BASK-EAST SEP
6/13 SUE-W-S	8111 LFL	F	W-S SL
6/13	8114 LFL	M	W-S
6/14	8115 LFL	F	W-S
6/14	8116 LFL	M	W-S

BASKER TAGGINGS, (CONT.)

DATE/TIME	TAG NO.	SEX	LOCATION & REMARKS
6/14/84 ^{SUE'S} (CONTINUED)	8116 8117 LFL	F	W-S
6/14	8117 8118 LFL	F	W-S
6/14	8118 8119 LFL	F	W-S
6/14	8119 8120 LFL	F	W-S
6/14	8120 8121 LFL	M	W-S
6/14	8121 8122 RFL	F	W-S
6/15	8122 8130 LFL	F	W-S
6/15	8130 8131 LFL	F	W-S
6/15	8131 8132 LFL	F	W-S
6/15	8132 8133 LFL	M	W-S
6/15	8133 8141 LFL	F	W-S
6/16	8141 8143 LFL	F	W-S

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TURTLE TAG RECOVERIES

DATE	TAG NOS.	SEX	LOCATION / REMARKS	DATE
6/3/84 SUN	3038 RFL	MALE	Whale-Skate west (TMP ON LEFT FLAP)	6/8 FRI
6/3	SIZE 49 "HIMB" TAG IN EACH FL; L & R.	Female	W-S BASKING NEXT TO THE ABOVE	6/8
6/4 Monday	6076 LFL, 6036 RFL 6/11 6pm → (6038) YES A9	MALE	EAST - A 10 12:15am BASK	6/8
6/4 4pm	5383 LFL, 3029	Female	East BASK NEP	6/8
6/4 4pm	3621 RFL	Female	East NEP	6/8
6/4 4pm	5133 RFL	MALE	East-SEP	6/9
	5134 LFL + TAG ON 3rd Scale L		heavy coralline had to be chipped from tags.	6/10
6/15 3pm	AB - PHOTOS R3 - MANY TMR EYES		- shouldered	
6/4 4pm	5189 L + RFL tag	FEMALE	Reddish EAST - flippers SEP	6/10
6/19	nesting on EAST (SBL)			
6/6 4pm	5255 RFL + LFL tag	Male	EAST - A All-4 flippers badly bitten from top. bones in Hinds showing	6/9
6/6 wed 5:30pm	3733 RFL + tag in L scale	Female	EAST NEP TMR IN left flap.	6/11
6/6 wed 5:30pm	7194 FL 7155 LFL	Female	small EAST AB	
	(6/4/83 All BASK EAST)			
6/6 5:30pm	5177 L 2nd Scale 5176 RFL	Male	EAST BASK All	6/11
6/8 3:30pm FRIDAY	2825 RFL	Male	"TAIL 1/2 off-heal TMR left shoulder. W-Skate	6/11

DATE	TAG NOS.	SEX	ENT. #	LOCATION/REMARKS
6/8 184 FRIDAY	5436 FFL; 5435 RFL; 3270	JUNE 81? JUNE 79? Male	#112	BASK W-Skate northwest tip
6/8 Friday	3234 RFL	JUNE 81? Male	#102	W-Skate
6/8	5321 LFL	JUNE 81? Male	#103	W-Skate
6/8	5220 RFL + LFL	JUNE 81? Female	#262	W-Skate
6/9 SAT. 2AM	5132 LFL + RFL	MAY 81? MALE	#104	SEP EAST
6/10 2AM SUN.	5257 LFL	ENTERED #85 Male		92.0 cm SL SEP BASK
6/10 2AM SUN.	5253	JUNE 81? Male	#105	SEP BASK
6/15 10pm	4282 LFL (NEW)			
6/9 Sat 5:30pm	3416 RFL	not feed as of TC100	#73	ENT. #266 A9 EAST
couldnt have been 3316; 3316 LFL & 3315 RFL applied TO 42.9 cm SL, 28 lbs, at Kiholo 3/21/80				
6/11 3am MON.	3056 RFL;	MAY 79? Male	#106	EAST - A9 BASK
6/15 10pm	3439 LFL (new)			

6/11 11pm mon. *Belongs in BASKER table p. 76* 3448 LFL Bodily bitten from copulation Male 89.2 cm SL EAST-SEP

6/11 11pm mon. 5374 2nd Scale *ENTERED #39* MALE EAST-SEP
3449 RFL (new)

SAMPAN channel between #4 & 5 markers
Recovered 40' Kaneohe Bay 3/11/87 by NOSE
Mike NASH & DAVID GREENWALT, entangled & snagged
on the bottom in heavy monofilament line

TURTLE TAG RECOVERIES, CONT.

DATE TAG NOS. SEX Location / Remarks DATE

*The following transcribed from Sue's data - Whale-Shake

6-8-84 (✓) ~~4400~~ 2750 RFL ^{June 78?} ENT. #107 MALE NIGHT BASKER SL 6-11

6-10 (✓) 5988 distal ^{ENTERED #82} MALE BASK SL 6-11

6-10 (✓) 2625 RFL ^{June 78?} ENT. #108 MALE BASK SL 6-13

6-10 (✓) 3765 LFL; ^{ENTERED #52} 3234 RFL MALE NIGHT BASKER SL 6/13

6-10 (✓) 3018 LFL ^{ENTERED #42} MALE)) SL 6/13

6-11 (✓) 3474 RFL ^{SEPT 80?} ENT. #267 FEMALE BASK SL 6/13

6-11 (✓) 3044 LFL ^{May 79?} MALE BASK SL 6/13

6-11 (✓) 2722 RFL ^{June 78?} ENT. #268 Female BASK 6/13-6

6-11 (✓) 5150 RFL ^{May 81?} ENT. #269 Female BASK 6/13-6

6-11 (✓) 6171 RFL (Also recorded by Sue ^{June 82?} ENT. #270) Female BASK 6/14

~~6-11~~ ~~4400~~ Sue's Recoveries of Nesting Turtles - W-S

6-8 (✓) 5350 RFL ^{June 81?} ENT. #271 F 6/14

6-8 (✓) 2818 (daughter) LFL; 7962 (new) ^{June 78?} ^{ENTERED #167} F

6-9 (✓) 3383 LFL TC14 from east F

DATE	TAG NOS	June 81?	SEX	#	LOCATION/Remarks
6-9 ✓	5463 LFL; 5464 RFL	June 81?	F	ENT. 272	W-S
6-11 ✓	5149 RFL	June 81?	F	ENT. #273	"
6-11 ✓	repeat 6171 RFL		F		CCL-101.5 "
6/13 ^{wed} 3:50pm ✓	Himb 651 LFL; 326 L RFL	ENTERED #77	F		TRIG Large pink TMR left eye. Tag 651 imbedded in ventral TMR; NO TMR RFL.
6/13 ^{wed} ✓	7992 LFL (TAGGED BY SUE 6/11 ON W-S)	NOTMRS NOTED 6/28/79	M		TRIG 1 large burracle; only this tag present.
6/13 ^{wed} ✓	3119 LFL + RFL (dangling) + BIK Feaving, bottom only (dental) LFF - worn and narrow - nothing left of imprint.	ENT. #274 15 JUNE 79?	F		TRIG
6/13-6/14 ✓	4260 LFL	6/12 tagged nesting on 84 TERN Sparrow green "21" confirmed by Reed	F		seen by SUE nesting on W-S
6/13-6/14 ✓	3752 L; 3753 R	June 81? ENT. #275	F		Seen by Sue nesting on W-S
6/14 ^{10pm} Thurs. ✓	6077 RFL 4273 LFL (new)	may 79? ENT. #110	M		SEP-BASK necessary to scrape white crust off tag.
6/14 ^{10pm} Thurs. ✓	5147 Scale 5070 LFL 2655 RFL	ENTRY # 27 SL-92.5cm (no notch)	M		SEP-BASK RFF 1/2 off - healed

SUE'S RECOVERIES - BASKING W-S

DATE	TAG NOS.	SEX	LOCATION/Remarks
6/15 Friday 3pm ✓	5099 LFL	FEMALE	AID-EAST
	6/18 NESTING (SER) + RFL		
6/14 ✓	3597 LFL; (35) 96 RFL	F	Sue W-S
6/14 ✓	3399 RFL		GMB 6/8/84 w-s
6/14 ✓	3397 LFL	F	GMB 6/7/84 nesting on TEEN
6/15 ✓	2704 LFL	M	ENT. #111
6/15 ✓	3403 RFL	F	GMB 6/8/84 w-s
6/15 ✓	3395 RFL	F	GMB 6/7/84 NESTING ON TEEN

SUE'S RECOVERIES - NESTING W-S

6/13	3752 LFL; 3753 RFL	F	W-S
6/13	4260 LFL	F	92.5 ecl W-S
6/13	7968 LFL	F	W-S
6/14	5156 LFL; 3187 RFL	F	104.5 W-S
6/14 ✓	5154 R	F	W-S

3187 is correct
 ENTERED #139
 SUE RETIRED THIS AS "3187" TYPED
 TM Report say 3087

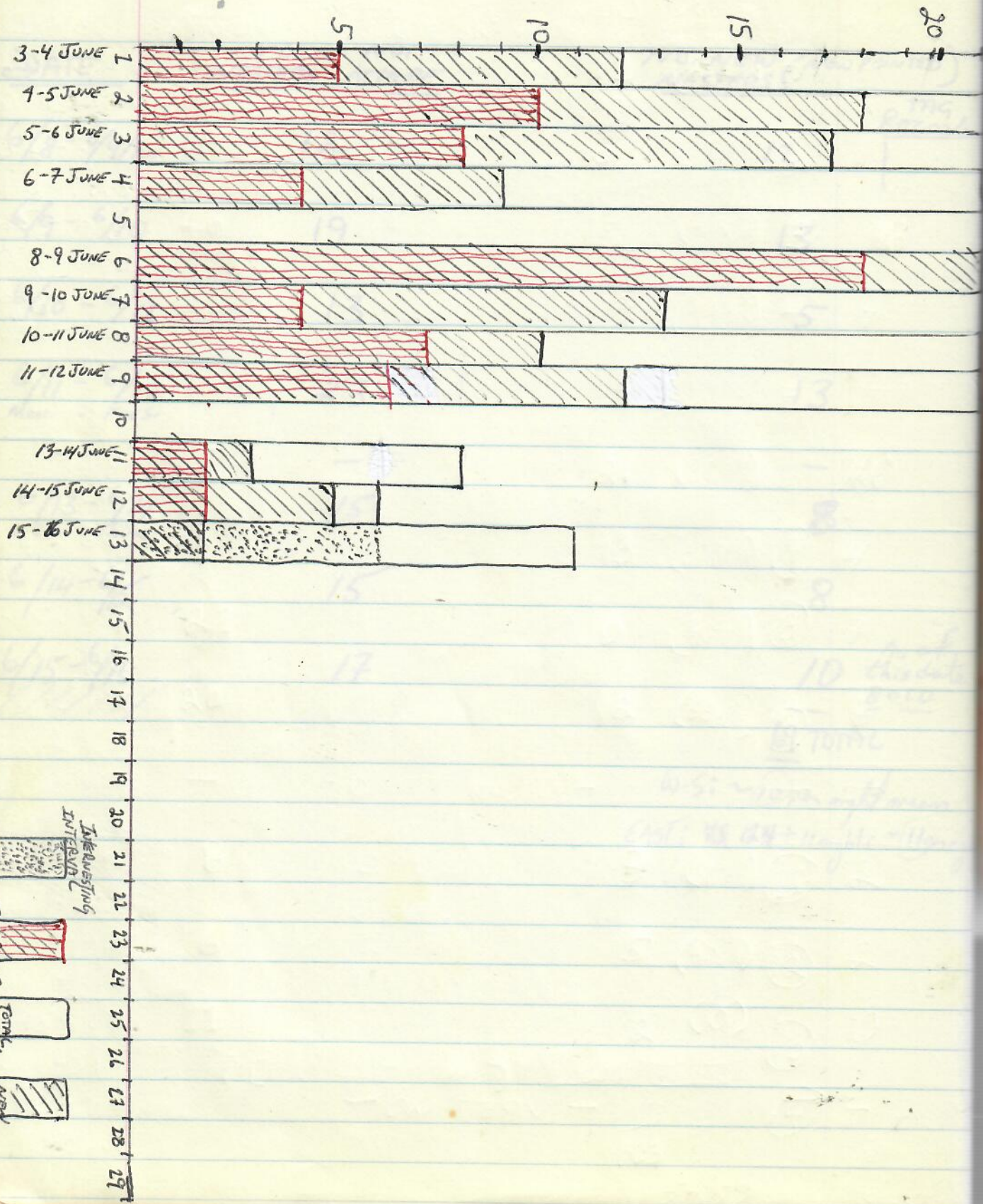
WHALE-SKATE MONITORING BY SUE

<u>DATE</u>	<u>TOTAL NO. NESTERS ASHORE</u>	<u>NO. NEW NESTERS (NEW PAINTED)</u>	<u>TAG RECOV.</u>
6/8-6/9/84	12	12	
6/9-6/10	19	13	
6/10-6/11	13	5	
6/11-6/12 MON. - TUES.	23	13	
—	—	—	
6/13-6/14 Wed. Thurs.	15	8	
6/14-6/15	15	8	
6/15-6/16 //////	17	10	As of this date 8002

69 TOTAL

W-S: ~ 10 per night mean
EAST: VS 124 ÷ 11 nights ~ 11 per night

NUMBER OF WESTERS 1984- EAST IS.

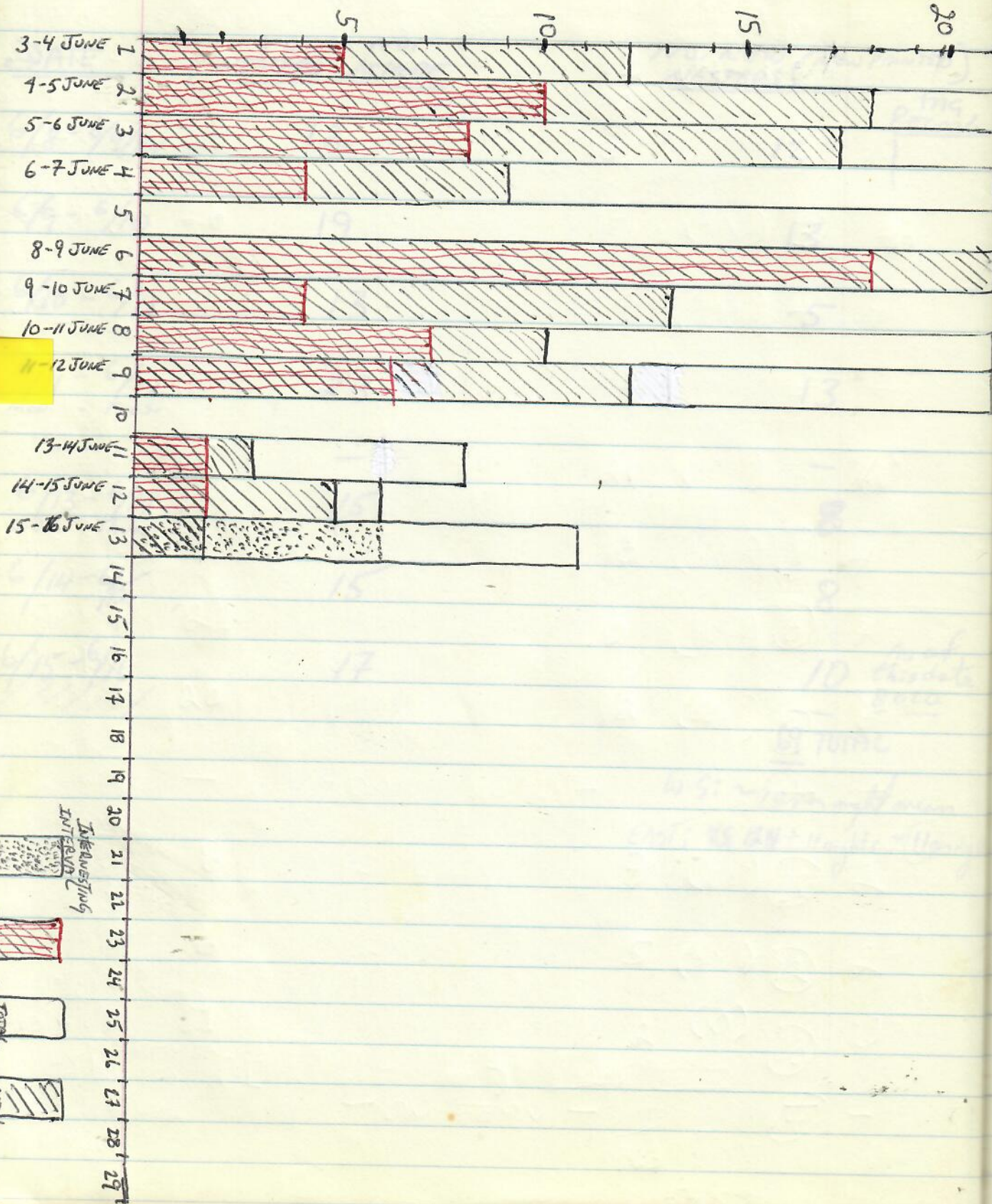


Take Questioning Interval
 Returners Tag Return
 Total Seen
 New Seen

Each night consists of 1.) Turtles up to nest for the first time 2.) Turtles up to nest after not having done so for their present egg clutch 3.) Turtles up to nest for the second or more time after going through an interesting interval after laying a first clutch for the season.

Also, in combination with the above a.) Turtles nesting for the first time ever (new recruits)
 b.) Remigrant nesters.

Number of NESTERS EAST IS. 1984.



INTERVIEWING
 RETURNS TAG, RECORD
 TOTAL SEEN
 TOTAL SEEN



Each night consists of 1.) Turtles up to nest

for the first time 2.) Turtles up to

nest after not having done so for their

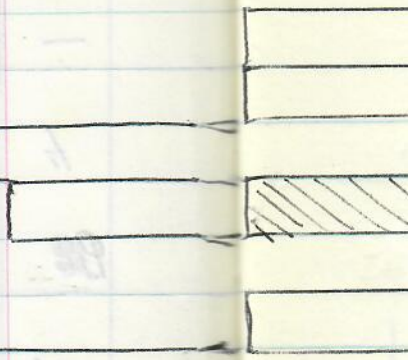
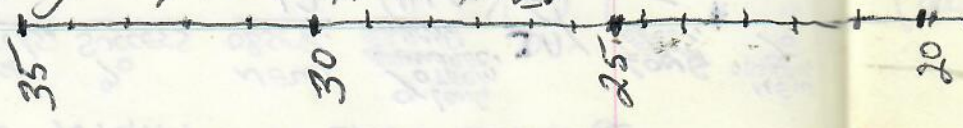
present egg clutch 3.) Turtles up to

nest for the second or more time

after going through an interesting interval

after laying a first clutch for the season.

Also, in combination with the above A) Turtles nesting for the first time ever (new recruits) B) Remigrant nesters.



NUMBER OF FEMALES PER NIGHT - EAST ISLAND

NOCTURNAL PM TO AM

DATE	NO. OBSERVED	OF THOSE NO. SUCCESS.	% SUCCESS	NEW OBSER.	% LONG TERM RECOVER.	DAY	LONG TERM RECOVER.	NEW OBSERV.
6/3 - 6/4/84 SUN. - MON.	12 TC 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	TC 8, 9(?)	11	12	(41.6%)	(1)	5	
6/4 - 6/5 MON. - TUES.	29 TC 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 31, 32, 30		11	18	(55.5%)	(2)	10	
6/5 - 6/6 TUES. - WED.	26 TC 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 48, NO TC (3367)		12	17	(47.0%)	(3)	8	
6/6 - 6/7 WED. - THURS.	21 TC 49, 50, 51, 52, 53, 54, NO TC, 55, 56, 57, 48, 28, 20, 26, 35, 31, 14, 31, 40, 36, 16		9	9	(44.4%)	(4)	4	
6/7 - 6/8 THURS. - Friday	-	- ON TERN IS.	-	-	-	(5)	-	
6/8 - 6/9 Friday Sat.	25 TC 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 36, 46, 41 (76-A), 50, 78, 77		15	21	(85.7%)	(6)	18 ¹⁸	
6/9 - 6/10 SAT. - SUN.	32 TC 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 67, 70, 59, 60, 16, 71, 58, 68, 76, 61, 56, 62, 69, 36, 73, 63, 74, 77		10	13	(30.7%)	(7)	4 4	
6/10 - 6/11 SUN. - MON.	21 93, 94, 95, NO TC, 96, 97, 98, 99, NO TC, 100, 82, 55, 62, 74, 83, 91, 92, 87, 90, 64, 58		5	10	(70.0%)	(8)	7 7	
6/11 - 6/12 MON. - TUES.	21 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, NO TC (6 PM)		6	12	(50.0%)	(9)	6	
6/12 - 6/13 TUES. - wed.	-	- ON TERN IS.	-	-	-	-	-	
6/13 - 6/14 wed. - Thurs.	8 113, 114, 115, 117, 112, 104, 97, 114 (NOTE) 116 (NOTE)		3	3	(66.6%)	(11)	2 2	
6/14 - 6/15 Thurs. - Friday	6 NO TC, 118, 119, 120, 121, 115, 116		2	5	(40.0%)	(12)	2 2	
6/15 - 6/16 Friday - SAT.	11 TC 122, 123, 114, 117, (8, 15, 23, 14, 24, 29, 30)		0	2	(0)	(13)	0 0	
6/16 - 6/17 SAT. - SUN.	-	- ON TERN	-	-	-	(14)	-	

122 TOTAL
54.1% TAG Recovery

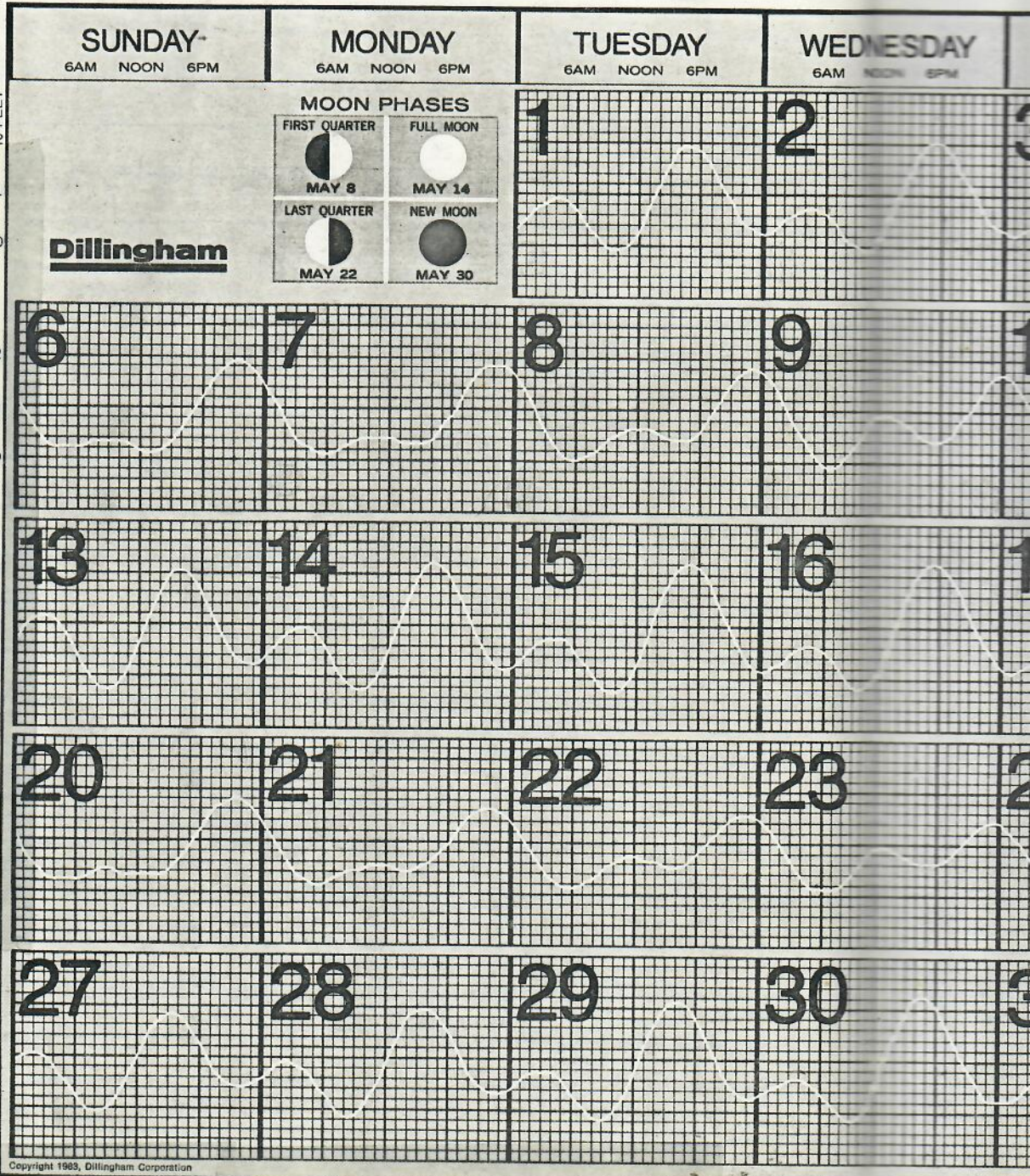
NOTE: 7 REPEATS - INTERESTING INTERNAL

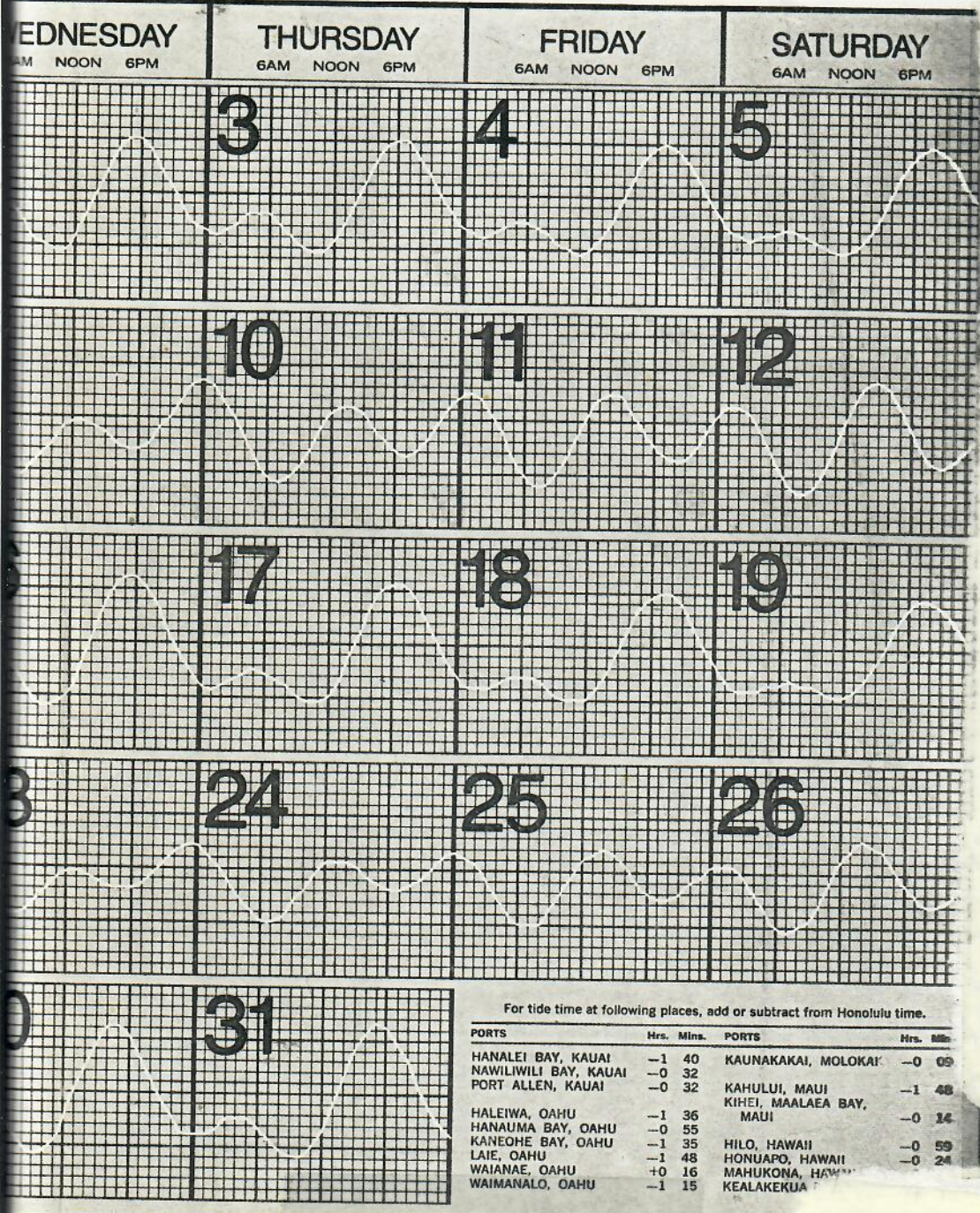
found to be same ASR104

same as 91 & 92

pre-note

MAY 1984

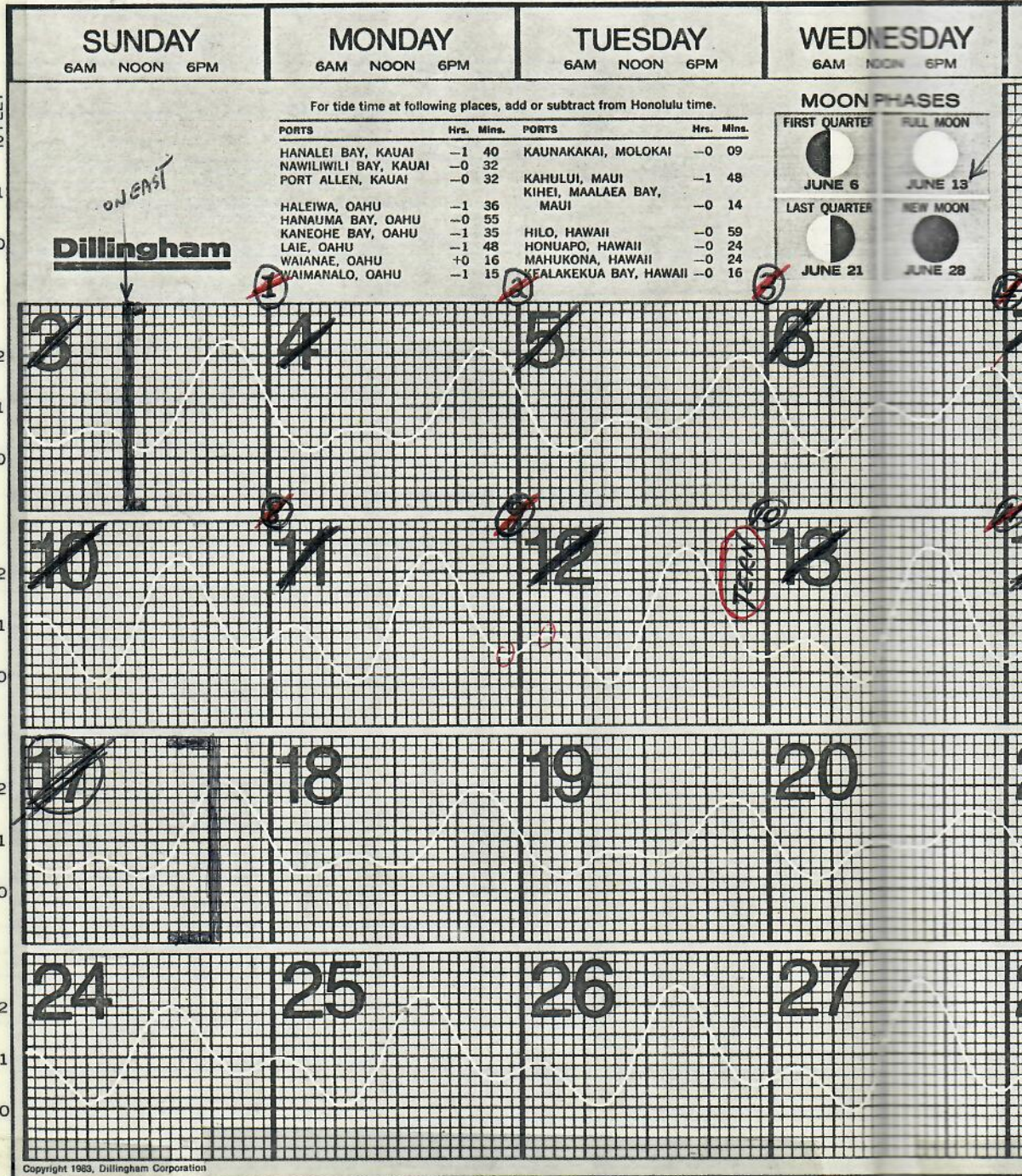




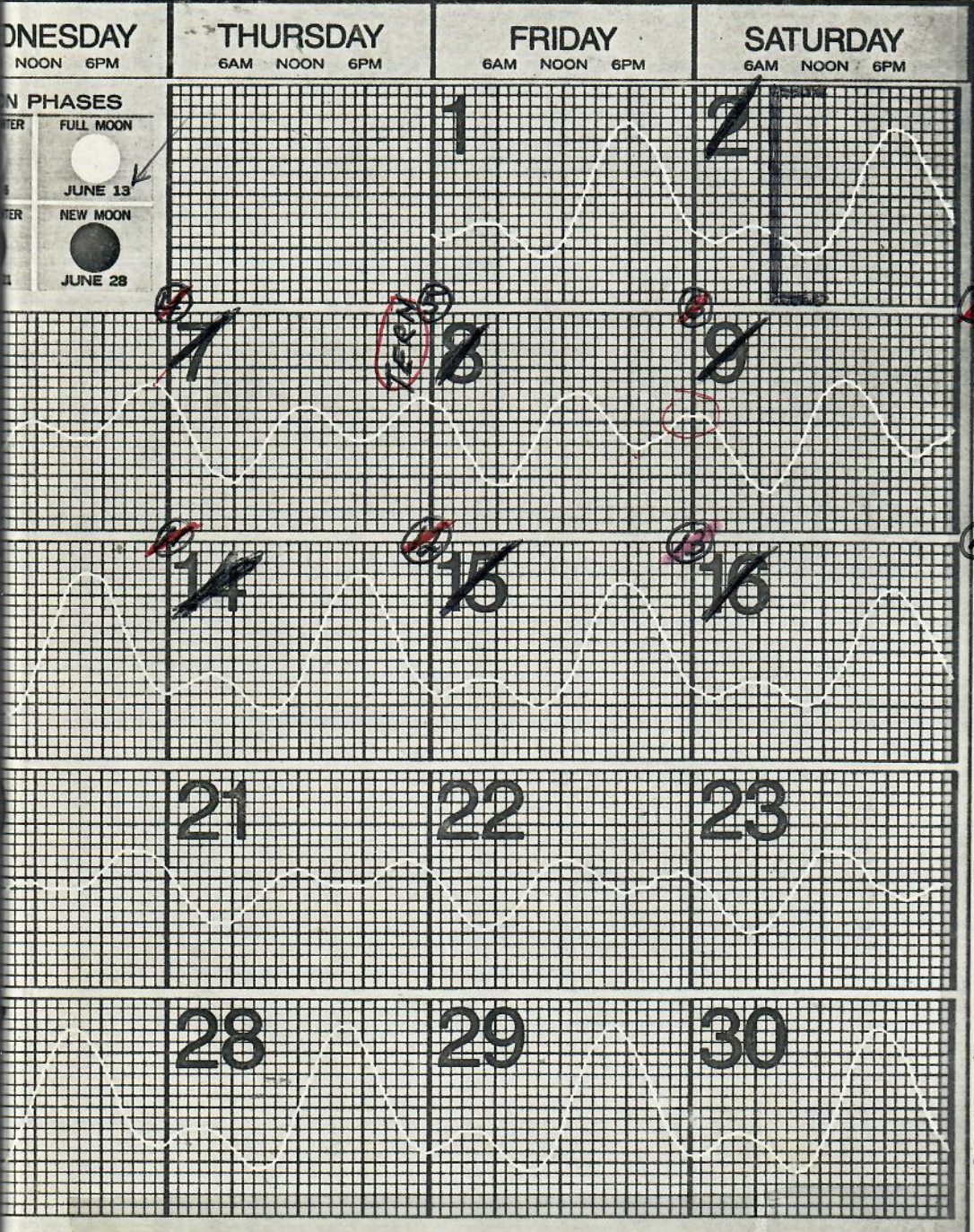
For tide time at following places, add or subtract from Honolulu time.

PORTS	Hrs.	Mins.	PORTS	Hrs.	Mins.
HANAIEI BAY, KAUAI	-1	40	KAUNAKAKAI, MOLOKAI	-0	09
NAWILIWILI BAY, KAUAI	-0	32	KAHULUI, MAUI	-1	48
PORT ALLEN, KAUAI	-0	32	KIHEI, MAALAEA BAY, MAUI	-0	14
HALEIWA, OAHU	-1	36	HILO, HAWAII	-0	59
HANAUMA BAY, OAHU	-0	55	HONUAPO, HAWAII	-0	24
KANEHOE BAY, OAHU	-1	35	MAHUKONA, HAWAII		
LAIE, OAHU	-1	48	KEALAKEKUA		
WAIANAE, OAHU	+0	16			
WAIMANALO, OAHU	-1	15			

JUNE 1984



CLIMATIC



2 FEET
1
0
1
0
2
1
0
2
1
0

CLIMATIC

DATE	SEA WATER C°	OBSERVATIONS
6/2 SAT. ^{ARRIVE AT} TERN	-	LIGHT WINDS
6/3 SUN. EAST	-	Hard rain 6/4 6/4 - 11:30am IS. COOKS DRY. LIGHT WINDS
6/4 Mon East	28.5°	Light winds - HOT - SUNNY
6/5 TUES. East	-	Light wind - very hot
6/6 wed. East	-	Light wind - very hot
6/7 Thursday ^{TR. G.} TERN	-	Same!
6/8 Friday ^{afternoon return} East	-	"
6/9 Sat. East	-	"
6/10 Sun. East	-	Light trades today, ^{But still} very hot, lots of overcast clouds
6/11 Mon. EAST	28.0°	moderate trades - overcast clouds lots of overcast - morning T trades 15 - 20 kt
6/12 TUES. Tern	-	Same
6/13 wed. ^{pm return to} East	28.5°	Trades down. Lightning last night - rain N&S, but not on east
6/14 Thurs. EAST	29.0°	Light - Moderate trades
6/15 Friday EAST	-	" " 10 - 15 kts
6/16 SAT East	-	" " " "
6/17 SUN TERN	-	" partly cloudy "

A few rain squalls nightly

6-10 7976 LFL
 6-10 7983 LFL
 6-10 7977 LFL 95.5
 6-10 8101 LFL 8110 RR 101.0
 6-10 7979 LFL 105.5
 6-10 7981 LFL
 6-11 7996 LFL 7997 DF
 6-11 7998 LFL X
 6-11 7989 LFL 8000 PFL 98.0

WHALE-SKATE TAGGINGS OF NESTING
TURTLES By SUE

111

<u>DATE</u>	<u>TAG NO.</u>	<u>CCL, cm</u>	<u>REMARKS</u>
6-8-84	7951 LFL; 7952 RFL		
6-8	7953 LFL		
6-8	7954 LFL		
6-8	7955 LFL, 7956 RFL		
6-8	7957 LFL		
6-8	7958 LFL		
6-8	7959 LFL		
6-8	7960 LFL		
6-9	7966 LFL	92.0	
6-9	7967 LFL		
6-9	7965 LFL	97.0	
6-9	7963 LFL		
6-9	7961 LFL		
6-9	7964 LFL		
6-9	7972 LFL		
6-9	7973 LFL		
6-10	7974 LFL	101.0	
6-10	7975 LFL	95.0	
6-10	7976 LFL		
6-10	7983 LFL		
6-10	7977 LFL	95.5	
6-10	8101 LFL 8110 RFL	101.0	
6-10	7979 LFL	105.5	
6-10	7981 LFL		
6-11	7996 LFL; 7997 RFL		
6-11	7998 LFL X		
6-11	7989 LFL; 8000 RFL	98.0	

W-S NESTERS, CONT.

<u>DATE</u>	<u>TAG NO.</u>	<u>CCL</u>	<u>Remarks</u>
6-11-84	8103 RFL		
6-11	8105	98.0	
L 6-11	8107 LFL; 8106 RFL		
6-13	8108 RFL + TMR LFL		
6-13	8134 LFL		
6-13	8126 LFL		
6-13	8113 LFL	99.5	
6-13	8109 LFL		
6-14	8123 RFL		
6-14	8124 LFL		
6-14	8125 LFL		
6-14	8128 LFL 8129 RFL		
6-15	8135 LFL 8136 RFL	90.5	
6-15	8137 LFL		
6-15	8138 LFL 8139 RFL		
6-15	8140 LFL		
6-15	8142 LFL		

///////

Faint handwritten notes and bleed-through from the reverse side of the page, including numbers like 0.101, 0.108, 0.109, 0.107, 0.106, 0.105, 0.104, 0.103, 0.102, 0.101, 0.100, 0.099, 0.098, 0.097, 0.096, 0.095, 0.094, 0.093, 0.092, 0.091, 0.090, 0.089, 0.088, 0.087, 0.086, 0.085, 0.084, 0.083, 0.082, 0.081, 0.080, 0.079, 0.078, 0.077, 0.076, 0.075, 0.074, 0.073, 0.072, 0.071, 0.070, 0.069, 0.068, 0.067, 0.066, 0.065, 0.064, 0.063, 0.062, 0.061, 0.060, 0.059, 0.058, 0.057, 0.056, 0.055, 0.054, 0.053, 0.052, 0.051, 0.050, 0.049, 0.048, 0.047, 0.046, 0.045, 0.044, 0.043, 0.042, 0.041, 0.040, 0.039, 0.038, 0.037, 0.036, 0.035, 0.034, 0.033, 0.032, 0.031, 0.030, 0.029, 0.028, 0.027, 0.026, 0.025, 0.024, 0.023, 0.022, 0.021, 0.020, 0.019, 0.018, 0.017, 0.016, 0.015, 0.014, 0.013, 0.012, 0.011, 0.010, 0.009, 0.008, 0.007, 0.006, 0.005, 0.004, 0.003, 0.002, 0.001.

NO. TAGS	MALES		FEMALES	
	NEW	RECOVERY	BASKING	NESTING
			NEW REC.	NEW REC.
1				
2				
3				
4				

- EXCLUDING SUE'S TAGGING & Recoveries 117

Summary of Numbers Tagged

FFS-1984

G. BALAZS

TOTAL
37 (45.9%)
148 (52.2%)
185

RECOVERY
17
77
94 (50.8%)

NEW
20
71
91

ALL MALES -
ALL FEMALES -
TOTAL

	NEW	RECOVERY	TAG ENCOUNTERS TOTAL
(BASKING)			
TRIG			
MALE -	3	1	4
FEMALE -	1	2	3
WHALE-SKATE			
MALE -	3	5	8
FEMALE -	7	2	9
C. GIN			
MALE -	0	0	0
FEMALE -	0	0	0
EAST			
MALE -	12	11	23
FEMALE -	4	7	11
TERN			
MALE -	2	0	2
FEMALE -	0	0	0
(NESTING)			
EAST (TC's)	56	66 (54.1%)	122
W-S	- USE SUE'S DATA -		
TRIG	0	0	0
TERN	3	0	3
TOTALS -	91	94	185
ALL EAST FEMALES SEEN -	60	73 (54.9%)	133

PHOTO LOG

ROLL NO

- Roll 1 Beginning of roll ^{EXP. 7} has many Punaluu photos; 6/2 aerial of W-S and 6 Trig; 6/5 western by 2 Frigate chicks; ASA 64-36 6/7 Campsite - tents; Monofilament entangled on or on Trig.
- Roll 2 6/8 Friday - Round Is., showing large trawl net washed up; ASA 64-36 6/9 White spray can on East; Many photos of baskers all lined up along NEP; 9/10 SUN - TC21 Basking, 7w/orange margin TC84 basking (clusters of barnacles); WA of baskers at NEP and SEP. 6/14 Thurs. Group of TC baskers at SEP w/ 250mm Turtle pit w/ stake; Individual TC Baskers, including TC84 carapace injury; group of baskers at low speed/high f stop; 6/15 - ~ 7:30am area views of East and turtle pits; 6/15 Friday - Male 5133, 34 with many eye & shoulder TMRs; Area where slab was taken up;
- Roll 4 6/16 SAT. TC24 creating - WA 853mm; 6/17 WA aerial of W-S after departure take off. ASA 64-36

Photos needed-

- TC 95 (81.5cm) - small female
- ✓ TC 84 - cracked in left posterior area of carapace
- TC 102 - lots of tumors



Composition:		Volatile 82%	
Non-Volatile	18%	Ketones, Esters & Alcohols	51%
Titanium Dioxide	6%	Aromatic Hydrocarbons	7%
Zinc Oxide	Trace	Propellent-Hydrocarbon	24%
Silica	Trace		
Tinting Colors	Trace		
Plasticized Coconut-Alkyd Resin	10%		
Cellulose Esters, Ester Gum	10%		
★ 243-68058		60014-Y	100%



WROUGHT IRON WHITE 2401c
(CAP INDICATES COLOR)



LUCITE®

spray
Enamel

FAST DRYING • FOR WOOD OR METAL



DANGER! EXTREMELY FLAMMABLE
CONTENTS UNDER PRESSURE Read other cautions on back.
NET WT. 12 OZ.

EAST ISLAND

includes new, old, everything
 ↓
TOTAL
 NO. FEMALES
 UP TO NEST

NO. FEMALES
 FIRST SEEN NESTING
 ON EAST 12 IN 1984

LONG-TERM
 TAG RECOVERIES
 of those first seen nesting 5 ON EAST 1984

DATE	TOTAL NO. FEMALES UP TO NEST	NO. FEMALES FIRST SEEN NESTING ON EAST	LONG-TERM TAG RECOVERIES
JUNE 3 84	12	12	5
4	29	18	10
5	26	17	8
6	21	9	4
7	—	—	—
8	25	21	18
9	32	13	4
10	21	10	7
11	21	12	6
12	—	—	—
13	8	3	2
14	6	5	2
15	11	2	0
16	—	—	—
17	—	—	—
18	20	○	○ 1
19	28	○ *	○ 4
20	39	○ 3	○ 1
21	41	○ 2	○ 0
22	26	○ 2	○ 1
23	—	—	—
24	20	○ *	○ 3
25	22	○ 5	○ 1
26	13	○ *	○ 0
27	11	○ *	○ 0

* SEE OVER

↓ Any full coverage by SER post here?

UNFORTUNATELY NO!

* I CANNOT BE SURE ABOUT THE NO. OF FEMALES FIRST SEEN BECAUSE THEY INCLUDE FEMALES YOU TAGGED THIS YEAR, AND I DON'T KNOW WHICH WERE TAGGED NESTING OR BASKING.

DATE	NO. FEMALES FIRST SEEN	PLUS ANY OF THESE WHICH ARE NEW NESTERS
6-18	4 + 3 = 7	PLUS ANY OF THESE WHICH ARE NEW NESTERS 3541 L, TAG RIGHT ³⁵⁴² TC 9 ^{6/7/84-BASKING} 3388 L, (8154 R) ^{new nesting} "small female" ^{6/15/84-BASKING} 4284 L, TAG RIGHT ⁴²⁸³ ^{new nesting} ^{6/9 basking} 3416 L, NO TAG R. ^{new nesting}
6-19	9 + 0 = 9	^{6/15 TC122} 4280 4279 L, TAG RIGHT
6-24	6 + 0 = 6	^{6/9 TC70} 3417 L, TAG RIGHT ³⁴¹⁰ ^{6/11 TC108} 3450 L, NO TAG RIGHT ^{6/5 TC90} 3360 L, TAG RIGHT ³⁴⁴³
6-26	1 + 0 = 1	^{6/11 NOTE} (8195 L), 3444 R
6-27	0 + 0 = 0	^{6/14 NOTE} 4268 4267 L, TAG RIGHT

Tags applied to nesting females - East
 tags applied to "fl" area unless noted
 carapace measurements are STRAIGHT CARAPACE MEASUREMENTS to "the point"
 DATE: e.g., 6-19 = evening of 6-19, dawn to dusk

6-18	8151(L)		
6-18	8153		
6-18	8156	8155 (R)	
6-19	8157	89.5 cm	
6-19	8158	88.2	— Jay misquipped - full of
6-19	8160	88.2	
6-19	8162		
6-19	8163	8171	85.2/88.8
6-20	8167	8168	84.8
6-20	8169		
6-21	8174	8175	
6-21	8176	8177	
6-22	8179		
6-24	8182(2-3), 8180 (fl)(L)	8181 (R)	88.5 cm
6-24	8183	8184	
6-24	8185		
6-25		8186	
6-25		8187	
6-25	8188	8189	91.25
6-25	8190		94.0
6-26	8191	8192 (2-3)	97.5

Tag Recoveries - nesting females - East

6-18	5099	y			
6-18	3541	y	89.8		GB tagged 1984
6-18	3388	8154			GB tagged 1984, SRL added R tag
6-18	4284	y			GB tagged 1984
6-18	3416	n	90.5		GB tagged 1984
6-19	4279	y			GB tagged 1984
6-19	yy	3601	95.5		two tags L - one "fl" one "2-3"
6-19	5189	(2-3) y			no tag L "fl"
6-19	8164	5428			L tag applied
6-19	8165	5008	97.2		L tag applied
6-20	yy	y 5145 (2-3)	95.2		4 tags evident
6-21	y	2214	99.5		
6-22	y 3595(fl)	6094(fl) y	92.8		4 tags evident
6-24	y(2-3)	5306	96.8		one tag L in 2-3 area only, R tag in fl
6-24	3417	y			GB tagged 1984
6-24	5440	y			ENT # 283
6-24	3450	n	96.9		GB tagged 1984
6-24	3360	y			GB tagged 1984
6-24	y	3002			ENT # 284
6-25	3127	y	95.2		ENT # 285
6-26	8195	3444	96.0		GB tagged 1984
6-27	3001	y	81.5		
6-27	4267	y	95.5		GB tagged 1984; partial L hind flipper

only Basking, therefore not entered into any of my nesting count.

See ENTRY # 194 - not seen by me in 1984

A person already removed nest by GB - my painted ??

see ENT # 283 new for SRL?

NOTE - I don't have my revised copy with me right now - but you have one.



JIA LU 2001
Water / *L'eau*
oil on canvas / *huile sur toile*
55 x 79 inches / 140 x 200 cm

呂佳 〈淼〉 油畫

While many of my paintings are inspired by Buddhist ideas, this one is essentially Taoist, contrasting motion and stillness, and the force of water that can wear down stone. Water is a female principle, supple and cold, dark and mysterious. For me it represents the quiet softness of true power.

ABOUT THE ARTIST:

Jia Lu was born in 1954 in Beijing, China, where she worked as a nurse, an actor, a navy officer, and as an art editor before enrolling in the Central Academy of Art and Design to begin her professional training as an artist. She moved to Canada in 1983 where she continued her studies at York University. In 1995 her work underwent a dramatic change following a visit to Europe where she rediscovered the power of oil painting. Since then she has exhibited throughout Asia and North America. Ms. Lu now lives and works in California.

METRIC SYSTEM WITH U.S. EQUIVALENTS

METRIC UNIT (1) U.S. EQUIVALENT

LENGTH

millimeter	(mm)	0.04 inches
centimeter	(cm)	0.39 inches
decimeter	(dm)	3.94 inches
meter	(m)	39.37 inches
decameter	(Dm)	32.81 feet
hectometer	(hm)	109.36 yards
kilometer	(km)	0.62 miles
myriameter		6.2 miles

AREA

square centimeter	(cm ²)	0.155 sq. inches
square meter	(m ²)	1.196 sq. yards
are	(a)	119.60 sq. yards
hectare	(ha)	2.47 acres
sq. kilometer	(km ²)	0.3861 sq. miles

WEIGHT

milligram	(mg)	0.015 grains
centigram	(cg)	0.154 grains
decigram	(dg)	1.1543 grains
gram	(g)	0.035 ounces
decagram	(Dg)	0.353 ounces
hectogram	(hg)	3.527 ounces
kilogram	(kg)	2.2046 pounds
quintal		220.46 pounds
metric ton		1.1 tons

METRIC UNIT (1) U.S. EQUIVALENT

VOLUME

cubic centimeter	(cm ³)	0.061 cubic inches
cubic decimeter	(dm ³)	0.0353 cubic feet
cubic meter	(m ³)	1.31 cubic yards
cubic decameter	(Dm ³)	13.10 cubic yards

CAPACITY, CUBIC

milliliter	(ml)	0.06 cubic inches
centiliter	(cl)	0.6 cubic inches
deciliter	(dl)	6.1 cubic inches
liter	(l)	61.02 cubic inches
decaliter	(Dl)	0.35 cubic feet
hectoliter	(hl)	3.53 cubic feet
kiloliter		1.31 cubic yards

CAPACITY, DRY

deciliter	(dl)	0.18 pints
liter	(l)	0.908 quarts
decaliter	(Dl)	1.14 pecks
hectoliter	(h)	2.84 bushels

CAPACITY, LIQUID

milliliter		0.27 fluidrams
centiliter		0.338 fluidounces
deciliter		0.21 pints
liter		1.057 quarts
decaliter		2.64 gallons

95723
2689512