

BALAZS

1988 -

FFS
EXPEDITION 37

1992 FFS
EXPEDITION 38
SATELLITE
TRANSMITTERS

EXP. 37 = 10 - 23 MAY 1988
EXP. 38 = 5 - 11 AUGUST 1992 (P. 11 - 41)

^{NESTING}
PN(TC) FEMALES - EAST IS. . . . P. 11

PN(TC) FEMALES - TERN IS. . . . P. 41

NO. NESTING EACH NIGHT P. 106
EAST

NO. NESTING EACH NIGHT P. 108
TERN

TIDE CALENDAR P. 116

BASKING CENSUS - TERN IS. . . . P. 102

1993 ^{pages}
45, 66,
73, 75, 115

TIM GERODETTE - 373-3067 home
FINCH - (213) 457-7895

BOORUM & PEASE NAV 8 - 471-0029
B&P Tom FARE - 395-9711

Composition Book • 9¾ in. x 7½ in.

Available As:		
Item No.	Sheets	Ruling
09-9130	60	College Ruled & Margin
09-9132	60	College Ruled & Margin & Paged
09-9134	100	College Ruled & Margin

ESSELTE

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HONOLULU LABORATORY
Southwest Fisheries Center
2570 Dole Street
Honolulu, HI 96822-2396

TAGS 10251-10255 (5) EXP. 37

used By VOLUNTEERS
FOR PRACTICE ON CARDBOARD,
left at Tern IS.

TAGS TO FFS 5/88

10027-10050 (24)

10051-10150 (100)

10151-10250 (100)

10251-10350 (100)

NOT
USED
ON CHARTER

10,351-10,450 (100) sent to FFS VIA AIRPLANE 6/9/88

10,501-10,550 (50)
2 - CB ANTENNA

3 - PORTABLE TOILET BOXES

10,454-10,500
for McDermott & Leeward charter

91 7/7/88 CROMWELL
TOTAL 192 TAGS

10,560-10,575 (16)
10,576-10,650 (75)
10,650-10,750 (100 TOTAL)

TOFFS

11,051-11,150

11,151-11,250

11,251-11,350

300 TOTAL
8/8/88
VIA FOREST

Gear - 5 White Buckets #1-5 turtle gear,
(Gas can inside one of them)

Personal - 1 gray, 1 red small
suitcases.

1 - aluminum chair

1 - Cardboard box w/ black
dive bag, tent, tarp, etc.

2 - Plastic antenna tubes

1 - Coleman Cooler (red)

with E300 Honda generator

1 - Gott Cooler (red)

with Vocolo Voyager RV battery

1 Green Coleman 16 w/ IC-735
+ Ham gear.

1 Burgandy Coleman personal 16 w/ 949-c
MFJ + Ham gear

1 - Hand-carry baby bag

16 Total

FFS ATOLL RESEARCH BULLETIN = 23°47'N, 166°13'W
by AMERSON

1992 - "ARGOS CLASS" = 23.783°N, 166.217°W
"U" devel engraved prefix used.
"A" AND "F" prefix Incode 625
tags used (size 681)
+ a few "W" prefix tags.
EAST ISLAND = "LOCATION CLASS 2" = 23.789°N 166.208°W
ALL FEMALES.

see P.65

FFS
EAST IS.

8 AUG 92 1745 GMT

"ON" 7:45 AM HST =

8/8/92 Sat. Transmitter ID 4800 6 hours on, 6 hours off

Kaneohe Bay tagged W491, H143-H145
MOTO TOOL U260 & W491
SL = CCL = 94.2

8/7/92 Friday "ON" 8 AM HST =
7 AUG 92 1800 GMT

ID 4801

6 hours on, 6 hours off

Turned Turtle

Tags: A858-860, F509-F510.

MOTO TOOL U236 Right, 3rd lat. only
SL = 84.5cm CCL = 90.1

8/10/92 Monday "ON" 8 AM =
10 AUG 92 1800 GMT

ID 4802

10 hours on, 50 hours off

Johnston IS. Turtle

11/83 tagged 7560-7564, F157.

Moto tool U306 Right, 3rd lat. only
SL = 91.3
CCL =

ARB SAY FFS is between: 23.622°N AND 23.881°N
AND 166.054°W AND 166.334°W

TERN = 23.867°N, 166.283°W

WS = 23.850°N, 166.217°W NECKER = 23.583°N, 164.700°W

L.GIN = 23.733°N, 166.167°W NIHOA = 23.100°N, 161.967°W

LA PEROUSE = 23.750°N, 166.250°W

10
TV

11
W

12
Th

EXPEDITION 37

3

FRENCH FRIGATE SHOALS

10 MAY '88

TUES.

Depart ~ 1:30pm Snug Harbor
 Honolulu for FFS.
 Turtle Volunteers NMFS Sheila
 Monarty and Glenn Nakai
 FWS paid technicians - Holly Feifeld
 and Vanessa Gauger (latter already
 at Tern IS). Bob Wilder - Radio
 man

NE Swell - lots of roll; (sea
 state/wind reasonably calm).

Other aboard - Marie Morin, Tim
 Gerodette, Robin Westlake,
 Ariel Mark's

10pm - no contact w/fin on 14.2600 MHz

11 May '88
 Wednesday

Daybreak well to the West of
 South Niihau.

NE rolling seas - 15-20kt NE winds.

Talked to Robert at Tern 7:45pm
 0650 Z contact with 3D2MP Mike

14.267 MHz 12 May 88.

No contact w/LIN 14.260 Channel 5

14.340 CA/HI Net

6:30 - 7:15pm - couldn't hear Hank

12 MAY

Thursday ~ 1 1/2 pm anchored
 ~ 1 1/2 off Tern, 15kt.

4-5 hours taken to
 off load all gear -- including
 a new red BW for FWS

12 MAY⁸⁸ Robert Forsyth diving ANS whales -
Thursday NMFS are having motor bad -
suspected of leaking water into
lower gear cases.

Cromwell departed for Laysan
~ 6:30pm when I came ashore
Quarters in room w/ light
Robert was using - has a
24V light - won't do it, not working
Assembled gear and learned how
to use SEA 222 radios.
No turtle walk this evening by me,
although Ken made one, as he has been
doing.

13 MAY
FRIDAY

Tour of facility by Ken.
Assembled gear -
Held training talks with
turtle tappers.
Reviewed Ken's findings.
Noted he finds turtles
to be "mellow" as Tern
compared to some I described
for EAST.
FIRST NESTING ON TERN -
APRIL 26 - by quarters
1988

FIRST GOOD NEST ON EAST -
APRIL 30th but a number
of false nests present.

Robert has set up EAST camp in past week.

- Test "MARKER"
AT SLP

- Food
LISTS

NEEDS

See &
Squeeze

- NWHI BROCHURES for QSL

- More Paint - white blue? yellow?

- Turtle Reprints - 2 sets

- Chairs (2 & keep 1) YES for W-S

- F76 1.5 volt UNION Carbide Takes 2
for NIKON for Glynnis \$2 each
Replace to Ken

- Sheila Moriarty 2 - 8oz bottles
Lensept (pink label,
white plastic containers for soft contacts (Septicon System)

- Contact L. Ogren for more phis / TAG DURING EGG LAYING

- another turtle bag for W-S

- Car's book - So excellent / calendar photos
& Time of Turtle

- ^{EAST} Exotic plants 80% ; clarify Bug Bomb
of persahal gear.

→ ANOTHER TAG KIT

→ Talk about 2 on East for transition
training w/ new people

→ Replace my chair

→ Slat birds 2-4 wbs ahead; turtles too?

→ Replace G.N. 36 exp 64ASA

→ ^{Fiberglass} Permanent Camp on East

NEEDS BEFORE LEAVING TERN

x My VHF in dry room

x Plywood table ^{"cord table" instead} - on Cromwell/Casper's

x Tent on Cromwell

x - Take Justman's fuel tanks + red gas can

x - Grind pliers / Larry

13 MAY 88
FRIDAY

Note "beach" nesting environment
of Tern vs whole island,
organic soil environment of EAST.

3 Seal pups in fenced area under
tanks. Just starting single engine
Cessa 185 arrived about 11:30 pm
to take them back. Departed
about 1:30 pm.

First Turtle walk on Tern
with 4 loggers this night -
3 rounds - 10 pm, 1:05 am
4:15 am. 1 seen (lay) at 10 pm
and one at 1:05 round.

Both already double tagged
by Ken here on Tern while
nesting. Blue paint marked
"A" and "B".

14 MAY 88 Talked to Lin on 5.9 MHz
SATURDAY at 7:45 AM.

Went to sleep until 12:30 pm.

More briefing, training &
record keeping.

Geiger Counter Check of broken
transformer tubes in old USCG

1 Tube
50-100
CPM

coll

(BACKNOTE - FERN DUVALL
STATE FORESTRY ENDANGERED SPECIES FACILITY
OLINDA, MAUI

Person recommended by Marie Morin concerning Maui Turtles.

W6V5U net control CA-HI net
0630 14.340 contacted
aboard Cranwell - also first
morning on Tern ⁰¹²⁷ passed a
message through Hank to Ling.
W6ZYU San Clement ^{KH6DEH} - also spoken to 5/5
KB7BH9 (ARNOLD)

13 May ^{Friday} 605pm W5VIV Louis in
San Antonio - 5/5 14.340 MHz

13 May NH6KD Joyce on Molokai
passed a message to Ling 5/5
to come up Sat. morning 7:30am
on 5.9075 MHz

5/14 local time - 14.255 N7KGW
Jim - near Portland 5/5 730pm
" NH6KF Rick - Big IS. 5/9
" 743pm KG6WX John Lakewood, CA 5/9

14 MAY 88
 SATURDAY organized - repacked gear for
 East Island Sunday
 departure.
 pm - went over Ken's data
 forms for Tern hatching study.
 Pounded marker stakes for
 T6 and T5 nests from
 last night.

15-14 2ND Monitor ^{NIGHT} ¹ on Tern
 5-15 no shuttles up this night

5-15 1:30-2PM Ken motored SM and I
 SUNDAY to East for night #1 of
 training on that island.
 Completed fencing around campsite
 (8x10' canvas w/awning).

5:30pm Count of nesting pits on East deemed to have eggs - ones laid prior to our arrival.

Ken thinks first eggs laid (4/30) ^{EST} - he showed me the site.

Underestimated?
Area

1
2
3 1
4 1
5 2
6 1
7 1
8 3
9
10
11
12
13
14 1
15
16
17 2
SP - 2
SEP -

Most of craters in A5-6

Total - (14) ^{ESTIMATED} NESTS
w/EGGS

Many glass bottles piled up for removal
Netting piled SEP. place in area 5-6
beach where burning occurred.

10 NIGHT (1)

EAST

5/15/88 Sunday Painted Numbers up to 8 this night.

5-16 Monday 9:08pm 7208 MHz made historic ~~call~~ contact with Harry Emmett Finch, W6PWF in Malibu, CA.

NIGHT (2)

5/16-5/17 MON TUES GHB + HF

NIGHT (3)

5/17-5/18 TUES-Wed GHB + VG

5/18 - Helicopter sighting

NIGHT (4) PN (Painted Numbers 15-17 (3 new, no old))

5/18-5/19 WED Thurs GHB + GN

5/19-5/20 (5) GHB + GN

Friday + Tim & Ariel Marks - 1 Boat engine out - stayed overnight at East.

Continued on p. 46

EAST ISLAND

DATE

5/

199

4/10 50

STARTED AT 030

"J" PREFIX USED

"U" SUFFIX
103 TERN

EAST CL-
ISLAND

TAG NO.-

Rec. 4265 L2-3? + 1L

PAINT NO. (U) 1
COLOR = white
"Zynolyte"

DATE PM
AM

COMMENTS

5/15/88

A7 EGGS

TMS

2 dozen back on EAST,

1992

10.053.8 USB

WGL/B. Morris

4/9 - 4/10 - 1992

NO TRACKS EAST, WS

4/19/92 photo call to Bob Cummins Tern
SUNDAY (and Tim Clarke)

No nesting seen yet.

Bob Arrived 4/15/92.
Not been to EAST yet.
Cold, w/ strong winds.

Apply 3 tags - 2 primary site +
1 to hind, or 1 to 3-4s.

Mating being seen.

Will go to East 4/20/92 to
remove weeds before nesting starts.

(STARTED
AT U30)
U" PREFIX USED
FOR IDENTIFYING
SUFFIX
TERN

X2 PN2 CL -36³/₄

TAG NO.

Rec 6128R^{2d}, 6144L^{2N}S

DATE ^{PM}
AM

5/15/88

EGGS

COMMENTS

MANY BAENS

DATE

5/16

4/24/92 Radio call w/Jennifer - Tern IS.
First nesting on Tern 4/22/92 EVENING.

4/30
40B

NOTE: Nelson (319) 556-1803 Iowa
SON JOHN ON CAYSAN Nelson Klaritter

4/28/92 MITCH 4/28 survey of TRG & WS
70 Turtles seen basking W-S.
AT least one nest present.

5/7/92

Telecon Jennifer M. - 5/27/92

5/8/92

4/30 Thursday 1.) Resighted tables need
2.) 1989 - # done?

5/7

3.) give New number if encountering old motool.

Thus far
4/26 2 nests laid WS

"~~IS~~ forms"

4/27 1 laid Tern (Saw)

→ Nest forms for Tern

BAEN
EP

CL-39 1/2

PN X3

TAG NO.

new-10027R, 10028L

DATE ^{PM}
AM

COMMENTS

5/16/88

EGGS

RHF 1/4 MISSING

Tele Jennifer

4/30/92 weather not good up to today.

40 BASKETS (Sat 4/26) = NO NESTING ATTEMPTS
LAST TIME TO EAST SEEN.

CHRIS DIPPEL new ASSISTANT MANAGER
MARK WEBER 6/7/92 TO ARRIVE
on term

22 GIN
BASKETS seen

5/7/92

Lisianski

As of 5/8/92:

2 East 1 North nests nests

5/8 RADIO

5/7-9 up

5/2 FIRST NEST ON EAST

5 ID

seen

C4 moto - PINK PAINT
1990

16 IDed thus far

4" high

BASKETS = 100 BASKETS 5/8

EAST = 59 BASKETS (2 days ago)

4

CL-381/4

TAGS

Rec. 9316L, 9315R

DATE

5/16/88

EGGS

5/18/92 Radio call = w/ Jennifer & Tim

5/16/92 ^{NO. OF} BASKETS = WS - 106
EAST - 94
TERN - 11

69 Turtles ID'd to date on East,
(2 w/ tumors - but small TIME)

5/2/92 First nest seen on East.

5/15 There were 24 up, of which 13 new.

3 tags on each turtle - RFL, LFL & 1/4H

190 TAGS still in stock,
Next plane 5/27

300 'A' prefix TAGS sent.

PN-5

CL-.40^{3/4}

TAGS-

New 10030R

10035L3-4S

D/T

5/17/88

EGGS

Comments

TMR #3

L jaw

EL NINO Year

1983 was also

Friday

1992

5/22/92 40-50 Seal pups thus far [That's high]

5/21/92 - 32 Turtles up. EAST

10 NEW ID'S - MAY JUST "UNTAGGED"

FAX → SORTING LIST FAX TO FWS

Next 6/17/92
PLANE:

TIM PINK ELEPHANT NAMED "Geryl"

5/26/92 WS → 148 BASKETS

5/25 27 up new 5

5/24 32 up

5/23 36 up

16 white

CL

TAGS Rec 9 --- R

5/16/88

17
BAST

D/T
5/16

5/26/92 C-4 engraved Seen
Tim C-19 engraved Seen

ENGRAVINGS FROM PAST YEARS.

Recovery

Blue tag +

1211 (R)

UNIV. Hawaii
(NO NUMBER)

+ W985 L-3-4
New This year

TORN

↓ NO. ON INSIDE

Humerus Jennifer

Bones = 5/18/91 L.G.M. ♂

IN AZ

Rod Coll
Ally

5/31/92 w/TIM RECENT
High NIGHT
36 23 new

normal 6-10 new 25

MAYBE 7/1/92 NEXT Flight

6/15
6/2

CL

REC-3239 +1

D/T
5/16/88

AG EGGS

Comment

6/8/92 ^{CLARKE} radio
 Monday last night
 (4) night before
 (5) up

* need
 more tags
 6/17/92

Radio
 coll 230 ID'd as of 6/14/92
 ALLYSA TUES 6/16

only 8 TMR - only 2 of those are bad

6/15/92 F106 to F600 sent
 to Tern

6/20 Sat Tern Allysa ward sick - Spider Bite?
 60 up last night
 up to 290-300 ID'd

D/T
5/16/88

new -
Rec - no old tags
seen

D/T
5/11

1992
Frequencies of AM stations heard:

- 7.4370; 6.032 (news); 21.736; 17.766; 17.712;
- 15.237; 13.777; 12.073; 11.983; 11.752 (news);
- 11.672; 11.622; 9.843; 9.602 (news); 6.056 (news).

12432.3 FFS Frequency

6/29/92 MONDAY
 Always a radio talk
 5 new per night
 20-30 per night

130 New IDs, out of
Almost 300's
ID'ed

New-10031R, 10032L

D/T
5/17/88

EGGS

ENGRAVED

FFS
 6/14/92 U260
 6/17/92 U227
 6/17/89 Bullpen CCL=95.0
 SL=89.0

H/42 need -H/45; w491
 CCL=94.2cm
 Y598-Y600; BBA 443
 CCL=96.3
 SL=89.0

1992

Need photo

w491
 5/31-8/8/89 est
 3/9/92
 Ref 41 KBAY
 CCL 93.5
 SCL 87.3
 w491
 engraved white

W 88 10

REC. 2209 L, 5319 R2nd S
+ 1 L^{2nd} S

~~REC~~

D/T

5/17/88

12 EGGS

7/17/92 Radio w/ Alyssa & Bryan Winton (Flew there today)

No signs of hatchlings yet! Same "F" prefix have gone over 80 days.
Down to 200 tops when I sent 300 today.

Turtles to watch for: U260 (KBAy)
U198 W398 = 1989 EAST U278 (Kittolo)
9187 9787 6/4/92 ~~U198 (Kawela)~~
U227 Palauu
7/6/89 Y598 - Y600 SCL = 89.3
+ BBA 443 L34

8/2/92 Turtle w/ 3 amputated flippers only 1 hind left.
East Island nestler. Alive, but EU & necropsy by Tim Clarke

MOTO TOOL
U166

means attached but in some way not properly.
Where are misapplied tops?

D/T
5/17/88
5/17/92
5/17/92
9544 6/27/92
9545 TEEN
PALAUU
520 3/5/86 PALAUU
MOTO
U3
U30
U22
U26
U27

MPE-19

PN-112

CL-37^{3/4}

TAGS-

NEW

REC. 3581R, 3583L2^NS

D/T

5/17/88

EGGS

WED.

EXP. 38

FFS

See Tides
p. 120
copilot

5 AUGUST 92

Depart 8:10 AM Bob Justman / MAX
for Tern in Twin Aztec PIPER
PA 23-250 "N40370"

9544 6/27/92
9545 7/28/92
520 3/5/86 PALAUU
SL=84.5 CL=9.0

DBA Pearl Pacific Enterprises,
769 lbs available wt. Charter = \$4300.

GHB, R. Miya, and Gary to attach 3
satellite transmitters to turtles
Telonics ST-3 2 w/ 6 hours on 6 off
cycle; and are 19 on/50 off.

Specifically looking for:

U 334

2939, 2940

10/2/78 LISIANSKI SL=84.1
SL=64.4 / 7/24/92

U 306

7560 - 7564

11/12/83 JATA
SL=87.0

U 227

Y598 - Y600; BBA443

7/6/89 PALAUU
SL=89.3

U 260

H143 - H145; W491

5/31/89
7/26/89; 3/9/92 KBAY
EAST

U 278

3321; 3320 (should be 3322); A907 3/21/80 KINTOLO
7/27/92 = SL=91.6 SL=52.4

CL-39 1/4

New- 10033 R
10034 L

5/17/88

EGGS

5/18

5 AUGUST 92
 Wed. ^{Thurs} Saw Necker to the North at about 10:30 AM.
 Landed at Tern ~ 11:15 AM.
 Mark Webber, Beth Flint, Steve & Molly & Mitch Craig (missals), Chrippin, Mark's wife ^{NINA} Bryan Winter, Alyssa, Ward, and Tim Clarke here. Flint + Fiv's volunteer returned on flight.

Noted barren and different shape of Trig. Virtually no vegetation. Lots of Sooties on Tern. Bob lands and takes off very short in this plane.
 Alyssa on Tern - hasn't been to East for 2 weeks. Up until a few days ago, Bryan was on East for 8 or 9 days straight. Tim will stay on to replace Tern people through Oct and Nov. Saw a juvenile turtle (~ 45cm) near boat hoist.
 Launched boat and departed for East at ~ 2:30 PM.

5/18/88

A1

no toys seen

Needs - Photos of Tern carrying box;
East Camp; Turtle in box

- Daily TOMACS
- Frozen eggs
- Hermit
- Stomach sample from necropsy
- letter about RFI
- Elepaio - Cyrene MATUSZAK 531-4260
HAS 212 Merchant St., Rm 320
Honolulu, HI 96813
- Call SEA 222
- Mark's Monthly report. - Satellite info.

CL-38³/₄

5/18/88

new-10036R
10037L

~~Thurs~~
Wed. 5 AUGUST 92 Loaded most of gear needed for tracking. Passed through Round Reef - large log beached nearby. Anchored at same site as East. Tent Campsite by pole where repeater VHF station is located. Noted *Tournefortia*, several larger than ever seen here previously. Undoubtedly because figs and other birds aren't nesting here to damage them. No turtles basking at Sand Point. - None areas 12-16. SP has ~25 basking. Walking close revealed all engraved, but one female, also one male present.

Assembled plywood box (photos).
At ~ 3:45^{PM} HST turtle trans. ID 4800 turned on to take advantage of NOAA-11 4:08pm - 4:23pm. Turned off ~ 5:30pm, when we departed. Alysa stayed on East, Tim, Russ & returned to Tern.

8/5/92
not packed up by [unclear]

0145h
6 AUG 92
Z

5/18/88
48
51

Rec. 3372 R, 374 L

5/18/88

EGGS

Glynnis
watched turtles

6 AUG 12:30 AM HST =
6 AUG 1030 Z
(1447 Picked up by satellite)
4801⁴⁸⁰¹ ID "on" on Tern, off 855 AM
6 AUG 1855 Z

5 AUG 92

Returned to Tern -

Walked beach at 8:30 pm looking for hatchlings - pre-hatch pits - to rescue those trapped, as per recovery plan.

No pits found, probably because of seal hauls, stakes not being accurately sited (maybe some are by false pits).

Encountered one nesting turtle.

Reportedly 60 turtles ID'd "on Tern". 5+ of these are "U" prefix (EAST marked).

Encountered a nesting turtle U suffix.

No sign of hatchlings. However, one wet, one found in large ghost crab claws. Alive and released.

in
tes
co
)
P00
ed

Rec 9711L
(More on R)

5/19/88

Likely EGGS

5 AUG 92 | Walked beach w/Tim again
Wednesd at ~ 11 AM. - 3 nesters
encountered - 2 in front of
building, one by water tank.
Hind flipper tag put on first - good
technique.
TO Bfd - 12:30 AM

6 AUG.
Thurs. UP ~ 645 am - Talked to GCB
at 8:15 am

B. Winton, R. Miyata, Clarke

Depart for WS, via Trig at 2:30 pm
Trig totally changed - white
sand bars.

Photos at W.S. Redwood log.
3 pm to 4:15 pm worked
basking turtles along WS.
Very little vegetation & pits
everywhere.

8/8/92
Terns
6/6

8/8/92
SL=84
8/8/92
SL=84

ON
TERN

Bul

5/19/88

New-10038L

U227 - PALAAN 6/7, 6/21, 8/3

8/8/92
TRANS 4802
6/6 cycle
U260 - KBAY 6/14, 6/15, 7/8, 7/21, 8/6, 8/7 ^{BASK}

U278 - KITTOLO? 6/17, 6/18, 7/3, 7/27

8/8 BASK SEP
SL=91.3
10/50 cycle TRANS. 4802 8/10/92
U306 - JOHNSTON 6/22, 6/25, 7/10, 7/11, 7/12, 7/24
8/8 BASK, 8/18 NESTING - seen by Tim

8/8 NEST
SL=84.0
U334 LISIANSKI 7/8, 7/24, 8/7

ON TERN 52-U PALAAN 6/27, 6/28, 7/11

U296 Tumors 6/20, 6/19

3 NESTINGS w/ EGGS
BUT 10 HAND-OUT
NESTING ATTEMPTS

6/9/92; 6/10; 6/12; 6/13; 6/14; 6/15; 6/17;

6/30; 7/2; 8/7

U236 Tumors - 8/7 AM Nesting
ON EAST - TRANSMITTER. Not previously
4801 tagged

upm

28

ALL BASKING

6 AUGUST 92

W-S

TAGS

SEX

"U" NO.

684

F881 RFL F
 F882 LFL M
 F883 RFL F
 F884 RFL M Tumors
 3553 RFL + LFL M
 10416 LFL + R3-4 F CL=101cm
 + (New) F887 ♀
 F885 RFL F
 F886 RFL F
 F888 LFL F
 F889 RFL M
 F891 LH; F892 RH F Tumors
 F366 RFL F "U"
 F893 RFL F
 5402 RFL F
 8139 RFL + LFL F
 10391 LFL F
 F894 LFL F
 F895 RFL F
 F896 RFL F
 F897 RFL F
 F898 RFL F
 F899 + (L Hold) F
 10491 RFL + LFL F

U222 Photos w/seal
 white paint #39" old 3
 Fish Line cut off
 LFF STABBED my
 FINGER - Lots of blood.

8/6/92

JAC

F

F

10

10

F

F

F

976

F

F

8/6/92 (continued)

TAG

SEX

F381 NOT PUT ON A TURTLE

"U" NO.

F900 RFL	F
F376 RFL	F
10410 R3-4	F
10315 RFL	F
F377 RFL. F378 LFL	F
F379 RFL	F
F380 RFL	F

Small ~ 80cm SL = about U230

9761 LFL. 9762 RFL
+ new F382 LH F

F383 RFL	F
F384 LFL	M

Small tail

+ 5 Females ^{NOT} tag was tag examined for.
 23 tagged new
 8 old tag recoveries (5-10,000 series TAGS)
 3 "U" numbers

~39 turtles present basking on WS.
8/6 3pm - 4:15pm

to seal

13

do

20-PN CL

TAG-NO.

8/6

DATE ^{PM}
AM

COMMENTS

8/6/92 EAST SAT. TRANS
 Thurs. off 8/7 8 AM Friday, on 7:30 PM =
 4802 10/50

ON 0530
 7 AUG Z
 OFF 1800 7 AUG Z

Picked up by
 Satellite 0602 7 AUG 92
 AND 0742

8/7 Friday MiyA, GHB and Alyssa WARD
 on EAST 7:5 PM 8/6 Thursday.

Turtles seen basking on EAST SEP
 8/6 5 PM

ALL "U" prefix mototools - 42 TOTAL
 + 2 NO MOTO
 + 1 MALE

233) Areas	383	323
155		80	147
291 ²) Area 6	178	65
244		191	263
176		210	248
181		354	116
395		258	208
351		287	372
350		321	275
311		245	295
283		393	290
272		97	296
348		386	282
378		353	115

w/handle

6/6

4801

START
9 AM

PHOTOS
OF PRO

ROLL 1

36 = 2

BRACKET
REMOVED

SAVED

EAST Turtles
8/6-8/7/92 10-11 up, NO NEW IDs.

U260 - Kaneohe Bay turtle
up area 5 - Dug a body pit and returned. Came up again 2 hours later area 5 - body pit, but crawled out of it and laid motionless on the beach for 30 min. They returned to the water. Barnacles seen on carapace. W491 tag and Dremel.

U236 with tumors seen completing cover-up at ~ 4 AM Area I. Built 1/2" ply. 5' x 3' by 2 1/2' high put over turtle.

w/handles

6/6

4801

START 9 AM

36 barnacles removed from carapace, I left on 4th lateral right.

1992 TAGS ALREADY PRESENT = A858 RFL
A859 L3-4
A860 LH

PHOTOS OF PROCESS ON ROLL 2

NEW TAGS APPLIED THIS DATE =

F509 LFL
F510 RH

36 = 277.5g dry
Barnacles removed -

MEASUREMENTS:
SL = 84.5 cm straight curved
NOTCH = 84.2 curved
CL = 89.5
CW = 85.5

SAVED. TUMORS = LEFT FRONT FLIPPER - (shoulder area)
1 - #3 (bloody);
Right front flipper - 2 #2s
LEFT EYE - 2 #2s 1 #1
RIGHT EYE - 1 #1 (ANT. corner) 1 #2 (POST. CORNICE)

TUMORS - (CONT.)

8/7/92 Neck 4#2's (one on Right side is a large #2) Friday 12 ventral neck - 1 Small #3, 6/6

7AVG92
1800h
Z

U236

ALL LARGE greens - FEATISH

Transmitter 4801 turned on at 8 AM - EAST 8/7/92

ELASTOMER 4 oz. w/16 drops

2nd Central

Put on bottom of trans. and put on. First stainless steel pad used w/fresh water to clean carapace, barnacle remains, etc. Sanded with coarse sandpaper. Phillips screws (salt-water contacts) covered with small pieces of masking tape.

Putty knife used to trim Elastomer that squeezed out from under transmitter. Laminating resin - 4 oz, 40 drops catalyst, brushed on transmitter, fiberglass cloth (4 pieces) put along edges of trans. and overlapping on shell. Allowed to harden. Narrow cloth strips laid one longways (First) and 3 across for 2nd application.

Then 3rd application - another wide piece along the front of trans & 20% resin 35 drops. Then after

8/7 Friday

2379 dr

8/8 48 BARN REMOVED SAVED 8/8

TAGS 82506 92506

yellow w

2939 2940 F2

U992
00h
Z
2

8/7/92 U260 (W491) BASKING SEP - PUT 33 IN BOX 10pm AT U440

8/7/92 Friday all dry, a final coat of finishing resin, (wax comes to surface). My Business card in resin.

2379 dry

Turtle photoed and released at 12 noon. Vigorous on the beach. Swam straight out over reef and seaward to the south.

8/8/92 SAT. Trans. 4800 ON 1745h 8 AUG 92
48 BARNACLES 7:45 AM HST EAST =
REMOVED - 11:30 am released SEP U260 (W491) KRAY TURTLE
SAVED

8/8/92 230am - Turtles seen nesting on my walk-around:

TAGS
8250RFL
925(2)?

MOTOTOOL
U372 SL 92.2

SATELLITE PRESSED AT 1806

U233 86.2

U298 85.8

old MOTOTOOL ABOVE U300? U300 96.5

47U 96.7

U191 92.5

Yellowish w/black speckles U362 88.4

2939 LFL U339 94.8
2940 RFL close to EDGE U334 530 AM 84.0 x 69.0
F254 LH

PASSING RAIN - STRONGER WINDS

8/8/92 8 AM start on W491 (U260)
 Saturday in box last night while
 11 AM looking at SEP with U208
 (scratch bites) photos of 2 together

Series of photos taken Roll 2.

Completed at ~ 11:15 am
 Released at 11:30 am. Photos.

Lightning! At about the same time,
 Trans. 4801, U236, hauled
 out to back.

Photos taken of her on the
 beach. Noted abraded spot
 on fiberglass on left front
 of trans. scratched
 in fiberglass on shell.

30
 TOTAL

8/8
 SAT

28
 TOTAL

U299 = F185 LH
 F127 RFL
 F137 L34

8/8

260)

8/7/92 6pm - List of BASKER^s present Friday Areas

8

U233, 272, 311, 283, 130, 386
 332, 275, 176, 97, 244, 348, 430
 164, 217, 298, 65, 115, 353
 239, 323, 319, 200, 226, 253, 397
 U260 with U208 (photos), 269, 192.

30
TOTAL

8/8/92 4pm - BASKERS SEP MAP SAT: Area 5 = U233 (domed), U291, 301, 283

28
TOTAL

311, 236, 395, 322, 321, 217, 386
 249, 272, 309, 253, 226, 322, 65
 210, 348, 245, 328, 410, 266,
 214, 319
 U306 (JATA) SL = 91.3 7564 RH, POINT
 F157 LH (new this season) + 4 old on FF's
 Kipper

U299 = F125 LH
 F127 RFL
 F137 L34
 6/20/92; 6/21; 6/22; 7/7/92
 8/8/92

U299 - seen bobbing just off SEP - seen 8/7 pm and again 8/8 all day. At 5pm went in the water and brought it ashore. No resistance. Seeps paralyzed in front flippers. Hand flippers 1/4 fresh off, plus shallow bite marks on head. Green slime algae on shell, head, dorsal flippers. Dug up on basking beach and left there.
 Checked at 11am - still there.

8/9 2 AM Still there
 Sun. 6 AM crawled (used flippers) 1/2 way

Big LIGHTNING - Heavy rain during the night!

8/9/92) Gave at 8am, Flippers Sunday must be working. Gone now - not in the water off basking area.

8/9 Sunday ALP 1 pm BASKING SEP NBP
U97, 204, 155, 267, 319, 393
208, 247, U306 JOHNSTON TURTLE

TAKEN AND BOXED -
Wet towel put on carapace.

Bryan & Tim arrived ~ 4pm to rotate Tim with Alyssa.

Nighttime walks with Tim to collect eggs, and to check for Molokai or Kiholo turtles (U227 or U278).
3 eggs from 4 nests collected for NMF's Charleston Forensic Lab - fatty acids. Eggs frozen.

8/10/92 ^{wake} MURDEY UP 7:15am - started working on U306 SL = 91.3 cm at 8 AM - NO barnacles like

EAST
U306

H802

ON
1745
10 AUG
92
Z

Busine
card
put in
Resin on
glass
cloth

MONDAY
8/10/92 AM

previous 2 (U236 & U260).

EAST
U306

H802

ON
1745
10 AUG
92
Z

Sanded 2nd central and adjacent areas with coarse sandpaper, washed with freshwater and dried. Rubbed with acetone. 4-5 oz elastomer mixed and applied to underside of transmitter, after it was roughed-up with sandpaper. Applied to 2nd central and allowed 10 minutes to set-up. Sharp knife used to trim excess edge of transmitter. Resanded shell of under trimmed-section of carapace where "oily" from elastomer. Wiped again with acetone. Applied laminating resin, mixed 4oz, painted trans. and area around it - applied 2 1/2" wide cloth to 4 edges. Allowed to dry. Applied new batch laminating resin, 1" wide strips 15" long across long axis of transmitter, and 3-1" wide strips crossways. New batch - applied another 2 1/2" wide to front of trans., and 3-1" crosswise, one with hole in it (for antenna). Then applied finishing resin coat, mixed "hot"

Business card put in resin under glass cloth

Monday
9/10/92

over entire surface. Removed
masking tape from philips screw
contacts ("salt water switch"), and
sealed.

Allowed to dry for ~ 45 minutes.

Photos
Roll 3

Turtle U306 Johnston
released at 11:55 AM. Swam
out over reef and seaward to
the south.

Previous evening MyA and I located
pothatch sites and rescued
26 hatchlings from ~ 3 nests.
Noted dense ghost crab burrows
on north side of sand point.

9/10 Monday ~ 4:30 Alyssa and Bryan
arrived to pick us up.
Box disassembled earlier -
all loaded and departed
for Tern ~ 5:30 pm.
Photos by tent.

11 AM Walked Tern beach -
one turtle seen - at water's
edge -- night basket likely.

9/11/92 UP 7:30 AM. Packed gear. Cleaned room.
Tuesday Photos by Refuge sign.

Photo of Justin's plane landing aerial
 9/11/92 Departed - 12 noon. Photos of
 TUES. Tern and W-S.
 Pasted over Schooner "Liberty" near
 Necker. Also Chronwell nearby (photo).
 Allowed wt. returning - 750 lbs (not
 counting Pilot/Copilot/Rescue gear.
 Card Honolulu 3:35 pm.

Items left at Tern IS. "Turtle Room" •

- 1 can bottom paint (pint-16oz)
- ~~empty spray bottle~~
- 1 bundle of rees (5)
- tongue depressors ~~23~~ (23)
- 2 packages w/ 4 brackets of 3/8" corner braces
w/ screws
- 2 small ziploc bags of nails
- 9 used mixing tubs
- gloves (4 pair latex) (2 pair all purpose)
- 2 bills or ~~2~~ scratch pads
- 2 3/4 bottles of ^{Resin} catalyst
- 1 qt (32 oz) of Maine resin (surfacing)
- 1/3 qt " " " "
- 1/4 can from a 16oz ^{can} of acetone
- 2 full 16oz cans (2 pt.) of surfboard
laminating resin
- 1/2 can from 16oz can of surfboard
laminating resin
- turtle box (8 pieces)

Room.

08/10/1992 18:47

Filename: DATA0810.92

Page 1

From: adsu@argos5.DNET.NASA.GOV Fri Aug 7 12:59:43 1992
 Flags: 000000000001
 Received: from ARGOS5.DECnet MAIL11D_V3 by east.gsfc.nasa.gov (5.57/Ultrix3.0-C)
 id AA10979; Fri, 7 Aug 92 18:59:39 -0400
 Date: Fri, 7 Aug 92 18:59:38 -0400
 Message-Id: <9208072259.AA10979@east.gsfc.nasa.gov>
 From: adsu@argos5.DNET.NASA.GOV
 To: "gbalazs@uhunix.uhcc.hawaii.edu"@east.DNET.NASA.GOV

01092 04801 11 32 H 1 1992-08-06 14:47:22 23.867 193.706 0.000 401650426
 1992-08-06 14:41:00 1 215 00 00 00
 01 00 00 00
 1992-08-06 14:48:30 10 215 00 00 00
 00 00 00 00
 1992-08-06 14:52:15 5 214 00 00 00
 00 00 00 00
 1992-08-06 14:53:00 1 214 01 01 00
 00 00 00 00
 1992-08-06 14:53:45 1 214 00 00 00
 00 00 00 00
 01092 04801 3 32 H
 1992-08-06 16:26:45 1 216 128 00 00
 00 00 00 00
 01092 04802 13 32 D 2 1992-08-07 06:02:12 23.789 193.792 0.000 401650022
 1992-08-07 05:58:22 2 234 00 00 00
 00 00 00 00
 1992-08-07 06:02:12 5 233 00 00 00
 00 00 00 00
 1992-08-07 06:04:30 3 232 00 00 00
 00 00 00 00
 1992-08-07 06:05:16 1 104 00 00 00
 00 16 01 12
 1992-08-07 06:06:02 1 232 00 00 00
 00 00 00 00
 1992-08-07 06:07:34 2 231 00 00 00
 00 00 00 00
 01092 04802 5 32 D 0
 1992-08-07 07:43:24 5 229 00 00 00
 00 00 00 00
 1992-08-07 07:44:10 1 229 08 00 00
 00 00 00 00

FIRST REPORT RECEIVED ON ARGOS AUTO. DIST. SER.

8/16/92

RADIO call w/Tim Clarke - recently, hit
 U400 @ 360 turtles ID'd
 this season.
 8/14 U306 seen basking on east.

U260 not seen.

Need to edit new ID's per night.

8/21/92

Radio to Tim.
 (likely) U306 seen by Tim nesting
 on 8/18 B&F. Transmitter
 on shell - no scratches
 seen.

TER
 ISLA

DATE

5/13/

5/14

2691
 FIRST 1992

TERN ISLAND

CL-37 1/4"

BLUE ZYNOLYTE PN-A

TAG NO. - 6867R 6868L (Both Recovering)
New tag - 10256 R3-4

DATE	PM AM	LOCATION	COMMENTS
5/13/88	1040pm	T-6	Just starting to dig - used for training - tag reading
5/14	140AM A:15AM	egg Hay - just West of Seaweed Shed	new tag put on Turtle double tagged by KN in next weeks on Tern.

P.41

WEST EAST 1992

12 NOV 83 Turtle caught ~ 4pm w/p SAT set #2

PANTED NO. 21

Released by piling at ~ 5:35pm.
Photos on egg mobile beach - Roll 3
(Tag shows on 2 films)

JOHNSTON IS. TURTLE

S - ~~87.0~~ x 67.4
C - 92.6 x 85.3

PL - 70.6

HEAD - 12.0

TAIL - 21.2

WEIGHT - 239lbs (108.6kg)
RFF 13.2 6-6
LFF 13.2

EYES - 4/4

10 mm L - bone wedge

Blood for sep & duct.

foot biopsy

Bone?

Red algae on skin

green on PL

7560 Picked out mouth particle



P-PN CL-36³/₄"

TAG NO. 6871L 6872R
Double tagged by KN
in recent weeks at Tern

DATE	LOCATION	Comments	DATE
5/14 105 AM	By Dormitory EGGS (Aid) T5	Size 3 TMR RJAW " 2 " L Neck.	9/9/92

8/24/92 3 eggs from 4 nests collected
East Island 8/9/92 - U192, U171,
U65 & U32:1 8/9/92
Shipped 8/24/92 frozen to NMFS
Charleston Lab for Fatty Acid &
Cholesterol analyses
Gloria Seaborn

Box 12607
Charleston SC 29412
Tel. (803) 762-1200

(note: at a later date, pectoral muscle & fat
also sent from turtles strand or necropsy)

8/29/92 Radio w/ Alyssa - 405 IDs
∴ A couple new in recent
weeks - 2 of which pretty bad
with tumors.
U306 last seen nesting on East
8/17 - 8/18/92; and also 8/30/92
seen by Tim

9/4/92 Alyssa left FCS
for Honolulu

Reef str

9/11/92
Friday

9/27
SUN

10/10/

TAG NO.

<u>DATE</u>	<u>LOCATION</u>	<u>Comments</u>
-------------	-----------------	-----------------

9/9/92 Radio w/mark webber. Heavy rain - 4" in recent days. Tent on East flooded, Tim Clarke had to return to East for 1-2 days. 2 new ones in last ~ 2 weeks (?). U306 Johnston turtle not seen since nesting 8/30/92 EAST.

Reef structure off Eava Beach Sunday 9/6/92 U382 Seen in "Soop Store" relief

9/11/92 Turtle camp taken down yesterday Friday due to Hurricane INEKE passing by main islands and possibly affecting FFS.

9/27/92 As of 9/24 4 nites straight on Tern w/ no turtles Sunday

By Tim Clarke: 10/10/92 Shipped to Honolulu egg shells from U236 nest (MP) and U190 (MP), pipe ticks, and 10 reef hatchlings that died from U190 excavated nest. + data disk.

PN 5 of above preserved in 10% buffered formalin
5 frozen. Ticks dead. ALL SHIPPED TO ALONSO AGUIRRE

1992

10/20/92 Received 5 live hatchlings
TUT3. from FFS Tim Clarke
from U348 tumored turtle prebatch put 10/19
Live ticks - but only 1 light colored familiar
kind that bites people. Others were small and
black. Some put in 70% alcohol; others
sent A.A. alive. No. 26 needle used
to collect blood by plastral puncture.

straight in
here



Smeears made with Bob
Morris and Pam. Air dried
then put in 90% alcohol
for a minute, then air dried.
Sent to Alonso Aguirre.

5/2

TAGS SENT = F51-F100
F701-F800
U29-U500 F801-F825
F845-F850

~~20-25~~

5/26/93 TO FFS SUSAN PULTZ & Alysia WARD

TAG STILL AT TEEN F619-F700

eee
0
10/19
lin
s
ed.
11/10
12/10
1/10
2/10
3/10
4/10
5/10
6/10
7/10
8/10
9/10
10/10
11/10
12/10

NARRATIVE - EXP. 37

- 5/20/88 Packed gear & disassembled
FRIDAY antenna. Tim & Ariel
left on 1 motor for Tern
at ~ 9:45 am. Light trades
starting to blow finally after
5+ days of calm.
Picked up by Ken and Holly
at ~ 11 am. Nice ride back to
Tern Is. Spent afternoon and
evening preparing for Cromwell at
6:30 am.
- 5/21 Several boat-loads to Cromwell
Sat. at 6:30 - 7:30 am.
Cromwell departed at 9 am
- 5/23 Arrive Snug Harbor ~ 2 pm,
Monday

5/24
TUES5/30
Monday
Memorial
DayJeff Holm - 955-0714
Apr 4906

RADIO CALLS
W/TERN ISLAND

5/24/88
TUESDAY

Holly reports Plymouth up
to PN-35 at East IS.
PN-E (5) on Tern.
Vanessa will go to W-5 tomorrow.

5/30
Monday
Memorial
Day

9AM 7.7 MHz Home -
Vanessa recently on W-5
3 nights - 20 yellow PN
East - Sheila there now -
PN in the 50's.

Tern - up to 6 Blue (F?)
EGGS all egg 19-20!

- QUESTIONS -
- 1) No. nesting on W-5
 - 2) PAINT being applied too thick? if not 20, too thick
 - 3) Test "marker" paint spot each side.
 - 4) Shoes?
 - 5) Send me copy of consecutive tag no. list.

Need: More yellow paint.
" white "

- 2 tapes
- 3 cheap fanny packs
- More tags
- pliers

Time for WGG - 25 seals tagged
100% survival

Jeff Holm - 955-0714
Apr 4906

5/30 Radiol (continued)

	<u>EAST</u>	Tag recoveries not on MASTER
1982		6128, 6144
1984		4265
1985		9315, 9316
1984		3372
1986		9711
1982		6104
1982		6068, 6069
1985		9342
6/80 or 81		5324, 3791
1984		3379
6/13/83: EAST		7184
X		977
1985		9272, 9290

inscriptions?
size?

5/30

6-11-84
sh w 51983 5
w-5

6/12/8

1986

6/17/8
6/25/
+ 5395/30
Mond
evening

6/1-

5/30

Whale-Skate IS.6-11-84
Sh W-S X

8105

1983 SL
W-S

6373, 6374

~~BUBBLES~~

6/12/81 5207, 3815

1986 9752

TERN ISLAND6/17/82 W-S
6/25/82 TR 19
+ 5397

6179

~~yes~~ Should be entry 154
07
Thevalents5/30: 7:15pm 7.7MHz w/Vanessa
Monday
evening
where are inst. for toilet?6/1 - Mitch 7:45pm
need - AA bulbs
0.5% Cortisone

Radio Calls (CONTINUED)

Glynnis

6/4/88

FRIDAY

NO sharks seen yet.

NO Albatross leaving island yet.

yellow (and blue) not holding well.
I suggested spraying on white,
then light yellow on top.or Use white - double alphabet
letters.

Measure to 1/8" if possible.

Time or position samples

6/5/88
SUNDAY

8pm

Holly

Phone Patch to Jeff (206) 695-3582

June 12

SUNDAY 8:15 AM

- 1.) Has been a continuous camp
on W-5 w/fence since 25 MAY
11 NIGHTS = ~ 52 turtles

EAST - Now up to ~ 70

TAG 930 P&M

Camp on W-5 is in Sector 1-2.

6/6
M6/9/88
Flight6-11/
Saturday

C

- needs -
- 1) Train new people ✓
 - 2) toilet on W-5 ✓
 - * 3) My \$12 Reimbursement ✓

6/6/88 720-8pm 7.7 MHz
 Monday w/ Tim & Ken
 2 recent pups

need 977 Inscriptions

6/9/88
 flight to FFS - 4 pups to return to Haro.

6-11/88 5pm 7.7
 Saturday Phone patch to Jeff

- need -
- 1.) Booklets
 - 2.) Yellow paint

Lin & Janere out for training now.
 To p58

RECOVERED TAGS NOT FOUND

WIN MASTER LIST: (UP TO 6-7)
Received 6-9-88 on RETURN FLIGHT FROM FBS

5-86.0
✓ 5443 } 6/17/81 LHL small defowed
✓ 5444 } 7/4/81 W.S. DIGGING INTO BANK
✓ 5445 } ENST

OVER →
16 MIN LAY
ON W-S

✓ 3831 } 6/14/81 S-89.5
✓ 3828 } IC109 DIGGING INTO BANK
✓ 5429 } ENST W.S.

✓ 7998 } 6/11/84
(10290) } SL W.S.
W-S

10043 ~~ENST~~ W.S. MAY 1988? ENST?

✓ 5473 } 8/20/82 nest fern W.S. also had 5474 applied
✓ 19770 } ENST 6/21/86 nest on tern (GHB)
✓ 19771 } 6/22/86 BASK on W-S

✓ S-97.3 } 6/14/82
6373 } SL TERN (maybe already passed to you)
6374 } W-S

✓ 19334 - EAST → should also have 2263
ENT. NO. 289.9334 by GP 6/21/85

✓ 19325 } 6/20/85 GP ENST
19326 } EAST

✓ 18240 } 6/11/85
19296 } ENST GP EAST
VETTER 1986?

9801 - W.S.

connected

*NOTE George: TAG # 6104 should be entry #
(68), not (61). WAS ENTERED INCORRECTLY ON THE
SORTED LIST; PLEASE CORRECT THE SORTED LIST.

RADIO
6/28

ENST

from list given to me
by GN

6107, 6113 6-9-88 GN EAST

9258 (10082L) 6-6-88 GN east

RADIO call
6/28/88 > 6/9

Phil Dye

WS

8101 8110

6/18/88

9807

6/20

5473

6/8

7956

6/8

6264, 6270

6/11

3190

6/12

3400, 3401

6/12

7977

6/13

EAST

6107, 6113

6/9

4265

6/9

9290, 9272

6/9

13
6/21/88

TERN ISLAND NESTING SUMMARY FOR 6-9 FLIGHT⁸⁸

DATE	TOTAL # ASHORE TO NEST	# FIRST SEEN	EST. # SUCCESSFULLY NESTING	INITIALS	# LONG-TERM RECOVERIES
5/13-	2	0	2	GB+4	0
5/14-	0	0	0	GP+4	0
5/15-	0	0	0	GN	0
5/16-	0	0	0	VG	0
5/17-	0	0	0	SM	0
5/18-	2	1	2	VG	0
5/19-	1	0	1	VG	0
5/20-	1	1	0	SM	0
5/21- 5/21	0	0	0	HF	0
5/22-	0	0	0	HF	0
5/23-	0	0	0	SM	0
5/23- 5/24	1	1	0	VG	0
5/24- 5/25	2	1	1	HF	1
5/26-	1	0	0	HF	0
5/27-					

5/26-	1	0	0	HF	0
5/27-	0	0	0	GN	0
5/28-	1	0	1	HF	0
5/29-	4	1	1	HF	1
5/30-	1	1	0	VG	0
5/31-	4	1	0	SM	1
6/1-	4	1	2	VG	0
6/2-	4	1	3	GN	0
6/3-	3	1	0	VG	0
6/4-	0	0	0	VG	0
6/5	0	0	0	SM	0

	# SUC. NEST	le	# Longterm Tag
0	0	HF	0
1	1	SM	0
0	0	SM	0
0	0	GM	0
		GN	
		GN	
2	2	GN	0
0	0	HF	0

	# First seen	#L ashort	
0	0	0	0
1	1	1	0
1	1	1	0
0	0	0	0
0	0	0	0
2	2	2	0
1	1	1	0

SUMMARY.

6/6 → 6/7

6/7 → 8

4/8 → 9

9 → 10

10 → 11

11 → 12

12 → 13

13 → 14

JUNE (cont.) Ashore

Nest seen

TERN ISLAND, CONTINUED

TRG Potoverbos

14	1	1	HF	0	0
15	4	1	KN	2	0
16	6	0	KN	0	0
17	4	0	SM/PR	0	0
18	4	1	LF	0	0
19	5	2	LF	1	0
20	1	0	LF	0	0
21	0	0	HF	0	0
22	0	0	VG	0	0
23	1	0	LF	0	0
24	5	0	LF	0	0
25	4	1	KN/LF	0	0
27	3	0	LF	0	0
28	4(?)	2	LF	0	0
29	1	0	VG	0	0
30	4(?)	0	LF	0	0
July 01	8	2 (4?)	LF	0	0
02	9	1 (3?)	LF	0	0

NIGHTLY SUMMARY - TERN

1
4(?)

8

9

29

30

JULY
01

02

0

0

1

1

2 (4?)

1 (3?)

LF

<F

LF

0

0

0

DATE	ASHORE	FIRST_SEEN	SUCC	NEST	INITIALS	RECOVERIES
01 JUL	8	1	(4?)	2	LF	0
02 JUL	9	1	(3?)	1	LF	0
03 JUL	4	1		2	PD	0
04 JUL	2	0		2	SM	0
05 JUL	2	1		0	LF	0
06 JUL	4	0		0	LF	0
07 JUL	(4?) 2	0		0	LF	0
08 JUL	2	0		1	LF	0
09 JUL	4	0		1	VG	0
10 JUL	2	0		0	AG	0
11 JUL	2	1		1	AG	0
12 JUL	2	0		1	SM	0
13 JUL	2	1		1		0
14 JUL	(6?) 5	0		2	LF	0
15 JUL	2	0		2	LF	0
16 JUL	1	0		1	LF	0
17 JUL	(4?) 3	0		2	LF	0
18 JUL	(4?) 3	2		2	LF	0
19 JUL	—	no coverage				0
20 JUL	3	1		1	SM	0
21 JUL	1	0		0	LF	0
22 JUL	4	1		2	LF	0
23 JUL	1	0		1	TC	0
24 JUL	4	0		2	LF	0

01/1/78

EAST ISLAND

6/28/88 received from Phil Dye
continued from p. 53

3550

6/10/88

3351

6/10

9315, 9316

6/10

4270, 42--

6/10

9389, 9390

6/10

6142, 6047, 6046

6/11

8176, 8177

6/12

3375, 3374

6/12

9343 558cm
2/23/84 Molo
w/7344

✓ 10066 7343 8238 6/12

QUESTIONABLE

9350

6-38cm
2/24/84 Molo
w/7349

7350

6/13

10039, 6068, 6069
6070

6/13

(continued on p. 61)

6/15
Wed

- 1.) Job
- 2.) F
- 3.)

6/15/88 7.7 6pm Radio talk
Wednesday w/ Vanessa.

(been) Gym on east for 4 days now
being trained by Vanessa.

Sheila trained Phil.

"Marker Paint" test?

- 1.) Job Satisfaction AND Accomplishments
- 2.) Frustrations AND Problems
- 3.) Recommendations FOR IMPROVEMENT
(THIS YEAR & NEXT YEAR)

↙ "Write-in-the-Rain"?

Sheila - Saw Jose State UNIV
late reg. for enroll. is Aug. 23-24

Classes start Aug. 25
(408) 924-2000 reg. office
late reg. - trans. students.

GAW - reports Sooties and
Noddies were about 1 month
early in breeding this season
in main islands
for the past 2 years they were a
little late.

6/20/88⁸⁸ 7.7 KD0638
 & phone patch for Sheila
 & Holly,
 Last continuous coverage night on W-5
 (since 5/25) was 6/19.

6/28/88 Radio talk w/ Phil & Sheila
 TUES 8:37 - 9:15 - Delayed to record
 not on master list > 6/9 - P 358, 61-62,

Hatchlings seen?

Sharks?
 ✓ my check

Need ♀ table

more toys

pliers working?

SAT 7/3/88⁸⁸ Sharp activity
 Radio w/ Phil & Sheila. East - full swing

no hatchlings seen yet, but
 expect them soon.

7/3 SAT. ~~NEEDS~~ TAGS - 6 strips
 4:30pm 2-3 Blue Paint
 10 yellow
 6 Deep Woods
 3-4 HAIR COVERED Green

EAST - cont. from p. 58

10117, 10063

6/14/88

~~7255 + 1~~

6/14

6089, 6051

6/18

9262, 9263

6/19

6107, 6113

6/29

~~✓ 1018 FWS 959
ENT 22, 1019~~

6/14

8151

6/14

9284, 9283

6/14

9324,

6/14

9284, 9283

6/14

5183

6/14

EAST, cont

6109

6/20

3777, 5233

6/20

Phil 7/3 Radio end
EAST

8188

6/25

9343

6/25

8238, 9343

6/25

9252

6/26

8239

6/26

9255

6/27

9812 9813

6/27

8237

6/26

7/3

7/4

1.) PA

2.) NO

3.)