

Previous notes: Kaalualu area (green beach)
- Boulders offshore = Turtle area

Sunday
9/7/75

photographed one similar to site.

addition notes taken - Punaluu black sand beach has lost ground over the past 5 years. A few coves to east commonly called "Turtle Bay". Fishermen from Maui came to take turtle! Green sand beach on W side of S. Point. Parker Ranch owns Waiakini Point. Fire Dept. Helicopter goes into park coastline. [Russo is park wildlife man - Volcano]
CQE Hops ~ 1935 used to butcher turtle

4 Oct 75

Letter from BMC Roger Russel (in file). two turtles by tide gauge; late Sept survey of all islands - no turtles.

October

10/27/75

Marquette visited lab - new 1500w lights to be installed on Tern - Swim platform already in - glass balls, lots of visits to other island and lots of fish.

November

11/21/75

Doug Hertz visited HIMB - Large turtles have been seen basking on other islands, weekly visits to other island - fishing - no oil - dried up hatchlings found on runway - Gooneys started to arrive about 3 weeks ago.

11/28/75 ^{Friday} Attempt to depart FAA - canceled due to engine failure.

11/29 SAT Depart FAA - to Kauai, Magneto trouble, return
Turtle covegagate at KINI-KINI ditch offshore,
Basking Sargass - several observed.
Talked with ^{George} Bill Boone - his diving
inspector is Bill Fleming - catch turtles
with rope - dive down. also another
drainage area where turtles covegagate.

December

MONDAY

12/1/75

Depart FAA/FFS 8:30 AM, Hertz, Temp. Doc,
Bill Hyatt, George (co pilot - UNION President).

11/30 PM BMC Roger Kussel called on short wave - said he
had started seeing a few large baskers on Trig
and whale-skate after a few month absence.

12/1/75

arrive FFS - aerial survey - no basking turtles
seen. Report of desire to obtain shot gun
to scare away nesting birds in iron wood
trees. John has recorded temperatures. Whaler
already in water - some North swell - also SW
swell. Swim platform turned over and sunk.
Chief FT Richard wants to bring fallen poles
from East to build dock on south side.

Last week waves from North came up on runway.
John reports some large squid washed up
on S Tern beach. Large opihii shells seen.

→ Two captive release turtles seen regularly by
tide gauge. Albatross came in to Tern
within the last 3 weeks. Eggs are now
present.

1500

To Trig - Erosion on West end - sand point detached.
Mostly BFA present, but some Laysan. BFB present

Some seals molting

MONDAY

12/1 1500

Trig continued - no BFB eggs seen. Turnstones present. Several seal scars with holes/torn spots where tags are placed.

1630

TO W-S ^{darers} BFA, LAYSAN, BFB present - also Frigate (some juveniles) and a few juvenile RFB. Apparent pups seen that are probably from this post-summer season (tan, brown coats) Camped on W-S. Sea Water 25°C ; sunset 1815

12/2 Tuesday

0400 crabs present, but not as many as during summer months. Sunrise at ~ 0730 - some seals starting to come ashore ~ 0800 . RFB seen during dark hours. C and G markers found in intertidal zone.

BFA Band NOS. (EAST) - 757-35223; 737-38190;

757-38324; 757-29402. (W-S) - 757-35078; 757-39168;

757-39450; 757-37740; 757-30760 Term LAYSAN - 757-38590

sent 1/8/76

Sea Water W-S = 25.8°C

Glossy, calm - bright sun, slight breeze - methods by which seals keep cool -

1. body partly in water while basking
2. "rooting" into sand to waist area
3. Put light side up

12/3 WED

Circled La Perouse. Used metal Detector on East.

Turtles regulate temperature by basking partially in water?

12/4 0900

Broke camp, no Turtles on Trig or W-S -

Caught one "captive release" by Tide gauge -

Photographed short-tailed Albatross -

sent 1/25/76

(Mail print to John Kahiapo

41-638 Kalamanole Hwy
Waimanalo, HI 96795

December

12/4 Thurs.

John showed me where two seals are buried - one died just a few weeks ago, blood out of anus - mouth, young seal. Saw dead mallard duck; ago saw (live) 3 owls. Check on fishing rod tip for Mike Carlson. No response on seal reports to district.

→ Dogs chasing off seals on Tern beach?

Many visits to other islands for glass balls.

Check on larger than #30 line to make glass ball nets.

Short-tailed albatross
from Sekoa ^{midway} ^{tagged as} young - Yamashima ^{near} Tou Is. 3/10/64
Institute of Ornithology - ^{seen at midway 4} ^{years in a row.}

12/4/75 Return FAA, depart 1500 - checked lights at Lihue airport - night landing in Hono. Aeronautical chart of HI shows "Kaula Island" with designation of W442 A-B and R-3107 A-B

12/30

Letter from Roger Russell (IN FILE). Captive (2) releases seen feeding on seawall quite often. Anywhere from 10-20 large turtles seen on Tjig and whale skate. Small juvenile seen sunbathing on East.

January
1/13/76

Short Tail left a few days after I did. (Previous ham contact - FAA plane will continue for another year's contract. Call from Sekoa that oil is on beaches of islands at FFS. Several birds dead - they (CG) will attempt clean up.

JANUARY

1/14/76

WEDNESDAY

Ham call from Bob Ferguson via Vic - two plastic BAGS of oil taken from Tern - W-5.

THURSDAY **Depart** FAA/^{FSS} 0815, pilots Bill Hyatt, Sleepy -
 1/15/76 Engineer Johnny. Roger Engstrom (correct spelling)

only other passengers.

Rocket firing at Barking Sands, no construction
 apparent. Upon take-off diverted course
 over Nihoa. Photo (color) of Lehua and Koua.

Note: Talk to Sekora about my Tern nesting theory for Tern Island.
 Suitable title for bird-seal data - "Some observations..."

Collect data on length of time individuals bask.

Check for photos in Hawaii War Records Depository, UH.

1200 h Aerial Survey - Water very turbid due
 to N surf of a small sand island up
 by Mullet. Color photos. Basking turtles
 only seen on WS and Trig.

1400 WALKED AROUND TERN - ONLY ALBATROSS AND RFB^(NO EGGS)
 Present - ^{Few Fairy Terns - one egg} NO albatross eggs hatched yet. ^{Some noddies in trees.} Deterioration
 of island apparent. Lots of burr plants.
 (Transfer to other islands?); Small taro ^{globules} on Tern
 beach; Letters and news clippings received
 by USCG LORAN STATION. CONSIDER land
 desecration at FFS IN TERMS OF KAHOLAWE CASE.

Friday
 1/16/76

TO Trig about 1300h - NW end of island
 has been cut back - "cliff" present about 6' high.
 Depigmented spots noted on some seals' front flippers.
 TO WS ~ 1400 - group of subadult seals noted.
 only a small amount of tar globules noted on
 each of these islands. BMC Russel indicated
 that Ruddy Turnstones were found dead on
 Mullet - ^{BUT} No signs of oil on birds.

Friday
1/16/76 Seven juveniles caught in W-S cove. Sea H₂O 23, w-5
Report of possibly 3 ^{captives} juveniles by Tide Shock.
Fairly strong wind E-SE - N surf going down.
Notes to write about Places or Problems? write
to Director, Coastal Geodetic Survey about markers on W-S,
Consider shields for lights on Tern.

1/17
Saturday Sunrise - 07:50 a few subadult seal in
contact. Two observations of seal ^{flat} worms. Note:
consider time and space in island utilization.
1000-1400 TO LGIN (circled) and ashore on GIN. TO EAST -
one Tropic bird seen. Few Frigates - some red Breast Males.
very little oil present. Hard type of oil for seen.
TO Trig, Mullet, Round. 12 dead ruddy Turnstones,
one Olive but can't fly, SENT TO TERN TO FREEZE.
Report of 100 larger glass balls found Christmas day by TRIG.
NOTE: A limiting food factor for turtle growth at
FFS could be accessibility of algae e.g. shallow
on reef flat. Available to small but not large turtles.
Pink coralline algae found growing on inside of tags ¹⁶⁶⁸ ^{2 Flap}
Sunset = 1835. Consider that adult
baskers seen during winter may be transients
unrelated to previous or coming breeding season.
Need to check other NH Islands for tagged turtles.

1/18 0800
Sunday Wind out of N 20-25kt, overcast, misting rain,
TO TERN. Weather reports sent to:
RSMS, Environmental Science Services Admin
Weather Bureau Pacific Region
P.O. Box 3650, Honolulu 96811
Note: article on glass ball collecting
FFS, Midway (PHD), KURE

Talked
to Dennis
546-
5688

Get supply of
Refuge Brochures

Need J455, new battery

Net hoop
2'3" by 3'4" longSunday
1/18

Tern - Told of fellow walking beach for glass balls during all hours of the night. Also shortly after Xmas 2 small (10" SL) turtles ashore SW end W-S, Black shiny carapace. Report of two basking adults at ~0400 on 2nd sand/coral cove beach on N side of Tern.

Stayed on Tern overnight due to 20kt N wind.

MONDAY
1/19

Wind N 10° E 15-25 knt out to ^{TRIG} EAST, 1.6m, 6m - westerly swell running, didn't land. TO W-S - photos with glass balls, note: Seems like lots of SA's with rust stain. 1/18 0800 5 seals seen approaching S side of Tern together. Many seals up high on W-S - due to surf/wind? Consider isolated populations - can't cross breed, or don't cross breed - net result is the same - no hatching production.

Tuesday
1/20

overnight on Tern again. Release 2 juveniles on tern beach; photos. Set out 55gal shark line. TO TRIG, W-S ^{with} EAST, W-S cove, Trig offshore and return to Tern. Some cold rain showers, wind NE. Man'o'war on beach at W-S. New oil Globules along beaches of W-S and East (Photos w/ glass balls).

Critical turtle habitat (Breeding) ^{is} where glass balls come ashore - Islands close to CG station. Consider aspects of tag biting. Bad for plastic.

Wednesday
1/21

out about 1200h to Trig - W-S - EAST - GIN -
GIN - W-S - Trig.

Note - possible method of telling if a male has mated might be thickness / scar tissue of trailing edge of front flippers from biting. Distal flipper may be bad site for males - however easily visible when foraging. Looks to me as if we have an adult resident population.

Where is old 747? Perhaps number of baskets out is dependent on weather conditions rather than time of year - at least for non-breeding periods.

Report of fishing not good any place except GINS - Fish seen but they do not bite behind W-S. Got smart?

Many RFB on Tern. one starting to make nest on W-S. Red tail tropic seen on Tern.

Dogs are a problem.

Seaman recruits name Pettinato.

1/22

Depart
FAA 1600h
for Honolulu

Tom Marquet has letter from:

George F. Tozier

2584 South Midvale Ave.

Los Angeles, Calif 90064

Dated Jan 5, 76 states he was blown ashore at FFS in 1931 as crew member of schooner bound for Honolulu. also again in 1942 when first mate on a liberty ship loaded with HE. They ran a jet sub ashore on one of the Brooks Banks.

Thursday
1/22/76

Noted coral buildup 20-30' high on N end of Tern.

Station KGBS asked for people to write FFs. Things to do - ① Get Robert's party ② Refuge brochures ③ Xerox newspaper articles ④ Group photos + Danny 1000 mile cake ⑤ Call Roy Lynch ⑥ Letter to Sunday Advertiser-Star Bulletin w/ photo (make it about and to the point about IVCN). ⑦ Call FCC ⑧ write Harrison ⑨ call weather Bureau

geol
note

Note from Jan 76 Science Digest - Mammals trade old coat for new with approach of winter. How do they do it? ① Length of daylight affects Pituitary/Hormones ② Duration of total snow cover ③ air temperature.

continued - things to do: ⑩ Propeller kit 10" x 12" No. 378039 ⑪ BMC Russell's address ⑫ Cable Assy, instruments # 44.76 No. 382119; Cable Assy, Motor No. 381622 ⑬ New 12 volt Battery

Question: what does a straight coropoe unit equal in term of a curved coropoe unit?

1/28/76 Delivered xerox news article copies to FAA - met Chief BMC oived
attention: D532

NWS
Kimmura

Ernie Dato Squaw
Nat. Climatic Center
Federal Building
Asheville, NC 28801

Before March 1

Roger Russell
437 Glenn St
Crescent City 95531

after March 1

C.O. U.S. CG STATION
NEAH BAY, WASH.
98357

2/17/76

Two ham calls from Tom Marquette
concerning engine/boat parts. A few
(4-5) basking turtles seen on Trigal
whale-skate.

2/19

Brochures - parts to FAA - N36 being X-rayed

3/2/76

Ham call from Doug - indicated that
more turtles seem to be present on
other island (possibly smaller than
adult size) - also schools of small
sharks - swimming right by juvenile
turtles - no apparent alarm.

JAN 15-22, 76 EXPEDITION

	Juveniles capture	summary of those recoveries
1/16/76	7 W-S	2
1/17	(1 EAST 2 W-S)	1 EAST
1/19	11 W-S	4
1/20	4 W-S	1
1/21	(1 W-S 3 EAST)	2 EAST (1 of these caught 1/17)
Total	28 individuals	9 individual recoveries

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