

G. H. BRAZS

MARCH 95 - MARCH 96

808-943-1240  
395-6409

G.H. BRAZS

1995-1996

See Rec. p14W

Xerox

PLASMA <sup>med</sup> Log  
BANK

PAGE <sup>2 placed</sup> 9, 10, 14, 30, 38, 41, 68, 86, 93, 103, 176, 101, 102

Rec. 45, Coordinator?

Xerox TAPWIND  
Flippers

GRACY K

P19, 17  
Bottom

28, 30  
41, 68  
86, 90, 93  
104, 107, 109

P41 hami =  
vesting?

SLP  
Xerox p15  
35

P. 18, 31, 41  
SAT. TRANS,  
FF395  
P. 27

Morris  
X-RAY  
LONTIER, 24K

Barthom Footage? FWS?  
4/13/95 CANYONS

P. 87  
HAWK  
P. 509



9884114 BOB Morris - Office 262-9621  
Scott Bloom ~~442-2524~~ home 254-1740  
MOP PAGER = 288-5685  
Cellular 226-9767

A2 Recorder  
= "52"

MTRP PAGER = 287-7074  
Lin - (office) 944-0263  
Cell - (PAGE) 576-4747  
291-8910

GSA 139239 SKH

Jenise - 487-1109  
SHAWN - 671-5135  
Cellular - 220-5561

Don Heacock (Home) 245-5250  
(office) 241-3900

AGUIERE (home) ~~907-669-8147~~  
wild-pharm 970 484-6267

DANNY AKAKA (Home) 325-7946  
(office) 885-6622

MAEC RICE (office) 885-8204  
Cell 987-6903  
~~987-9214~~ (Home) 885-4965

KAMEHAME Cellular  
936-7065 →

WATSON - (Home) 885-8827

Account Codes =  
ROBIN/JUAN  
PISTOR - 395-0169

MEDIEROS - 553-5702

Punaluu pay phone - 928-9144

PULELOA - 553-3778 (home)  
557-6696 (work)

Thierry work - 541-3445  
cellular = 247-6989

Gene Nitta (home) 737-7167  
Casey JALMAN 293-9558

KATAHIRA - 985-8825 home  
967-8226 office

NAUGHTON (Home) 262-9029

B. JORDAL - (904) 392-5194  
home - 336-7522  
charlotte - 967-8520



KC Recorder = 956-7489  
WGG - 293-9558



GEORGE H. BALAZS

ZOOLOGIST AND LEADER,  
MARINE TURTLE RESEARCH

DEPUTY CHAIRMAN, IUCN MARINE TURTLE SPECIALIST GROUP

NATIONAL MARINE FISHERIES SERVICE  
SOUTHWEST FISHERIES SCIENCE CENTER  
HONOLULU LABORATORY  
2570 DOLE STREET  
HONOLULU, HAWAII 96822-2396

(808) 943-1240  
(808) 395-6409  
FAX (808) 943-1290

### SEA TURTLES

Are Protected in Hawaii

Please Report Violations:

587-0077

Oahu 541-2727

" 587-0066

Maui 243-5414

Molokai 567-6618

Lanai 565-6688



Kauai 241-3521  
Kona 323-3141  
Hilo 933-4291

National - 800-328-4567

UNITED - 800-333-2411 241-6522  
VA international 538-2999

HERTZ CAR GOLD

HL FEDEX 1510-74782

FEDEX  
800-238-5355



Wildlife Computers - Roger Hill / Suzanne Hill

(206) 881-3048

FAX (206) 881-3405

395-5226 Goldie

TEL: Ron Mirille .822-1434 shop; 823-8250 home  
Laura Sasaki ALIKA Honolulu, HI

Roz Papazo P.O. Box 61449, Honolulu, HI  
Laura Sasaki = 3194 Aieha Ave. 96822

(LIN - Page 576-4747 96817) 595-6266  
Cellular - 291-8910

Hooking Mortality = 8L2BER70 ~~8L2BER70~~

Genetics Idex = 8L2BER71

Expert Group = 8L2BER72

Tumors = 8L2BER73

8L2BER74 = Stranding

CHARLY (ARNIE) YEE = 621-2122 elderly

986-6657 Bob JUSTMAN

CHRISTINE = 879-8577 Rick 874-5332

FINN = 1-800-729-NOAA EXT 3026

TELONICS - (602) 892-4444

JUSTMAN = 486-6657

West Marine - 845-9900

TIM RAGON = 247-4850 home

MOP Noie - 737-7127 941-8547

SSG MURASAKI 231-2017

(737-5799)

[ Nancy Thompson home (305) 434-0613

PISTOL - 395-0169

S. PULTZ 924-3072

Marydele FAX (202) 872-0619

phone - 202-429-5609

AMERICAN EXPRESS TRAVEL - 532-1888



2 Russ Miya 1065 KAWAIIHAO #18069681  
593-0515 (#2605)

Michele Finn  
246 Live oak Rd. (907) 234-1375  
Vero Beach, FL 32962

01328  
LEHUA ST  
HILO 96720

J. & J. Laber 885-2003 P.O. Box 1709  
934-8376 KAMUELA, HI 96743  
JAB - 325-7090

Hornaday 22446 ESTALLENS  
Mission Viejo, CA 92692

I-JUNN'S WAW-AN Field Stations 886-6-999-18

~~603 W. Lanikaula St. #217A  
Hilo 96720~~

4/24/95 243-5327 So. Hawaii Tourist snorkeler  
Report of turtle w/ Hook in  
eye seen at Makalei Pt.

Kihei Vet Clinic Dr. Roger Kehler  
1325 S. K Rd  
#107  
Kihei, HI 96753



3/13/95 Brett Cfee Found floating fresh  
 Monday 713 Kapulea dead outside fringing  
 Honolulu 96825 reef of Maunaloa Bay.  
 395-2812 Tundra, evacuated  
 Picked up by GMB at 6pm. TO A2 freezer

3/14/95 5pm call from Brian Quinn - vessel <sup>Based at</sup> H1MB  
 Kaholo in KBay - Found small  
 K295 - dead turtle floating in bay, Cellular  
 K298 551-6798. Referred to SSG.

12/8/93 strand Kawainui Canal TMR 2 SL 54.5

12/14/93 Release into KBay

DON HEMAN 943-1251

HL 973-2970 PC anywhere Modem

S. Pooley = 533-2506



15 MARCH 1995 / Workshop on handling techniques, resuscitation, and avoidance strategies for hooking interactions with sea turtles in the North Pacific U.S. Longline Fishery<sup>pelagic</sup>

official Objective

"... to evaluate whether the procedures for handling and caring for incidentally taken sea turtles under 50 CFR 227.72e are suitable for the Hawaii longline fishery"

TUNA

& Swordfish

FORMULATE

handling, de-hooking, resuscitation guidelines in brochure style, for dissemination to the industry.

Turtle Avoidance techniques or minimization of encounters

ALBACORE TROLLERS

"Reduce, Prevent, or mitigate incidental take  
Silver Spring  
24-25 May 94"

→ Alex Sutton Paper

24 Feb - 31 Dec 94 0.051 turtles per 1000 hooks  
49 observer trips (5.79% coverage) 27 turtles Alive =  
Loggerhead - 11, D.C. = 7, C.O. = 3, C.M. = 2  
unknown hand = 2; unknown Condition = 1 (Ces)

Meeting 21-22 Sept 94 Svein Fougner - address requirements of D.O.

- Reasonable & Prudent Measures
- Conservation Recommendations



Cook / Beard to increase snag  
Logbook data? Japanese 3.6 hook w/ KING TUNA 5  
BAIT -  
Hook -

1 set TUNA  
1800 hooks = 1500 lbs good catch  
Action Trip?

Viet Nam  
Korea  
etc

above 25 below 45 Swordfish,  
TUNA - no live sticks  
Set day, haul night  
deeper  
Bait different

Tim Price - U Moving with it. Tuna now  
55 TRIPS since 94 Feb - Feb 95

w/turtles, 19 Turtles TRIPS = 38 Turtles  
570 sets observed 0.063 Turtles per hook  
= 600,000 hooks

5,390  
of fleet  
observed

55 trips 1,031 departures  
out of = 5,390

" Swordfish " " Switcher " " Tuna " " Mixed "

What was "Switcher" with 9 turtles fishing?  
Sword = 185 Tuna 273 (NOS. caught)  
→ 1.048 per 1000 hooks

2 kinds of Tuna fishing  
(1 is like Swordfish set)  
" Live setter " used?



6  
3/15/95 Wednesday

turtles

79% in Swordfish fishery

70% Korean/Vietnamese

Most of Turtles taken at night (Swordfish)

BIAS - Geography (Swordfish different area)

71% Turtles on the line directly by float (higher in water hook)

21% are hook away. But only 3-4 hooks between each float in Swordfish fishery.

Turtles 13M - 30M depth all being taken (estimated target depth)

98 turtles 17 sharks 26 12 turtles  
| Blue | green | pink | white | yellow | mixed |

Blue green <sup>MOST</sup> red - Dye bait

litestick 45% turtles taken at litestick hook

\* need copy of Skillman/Gitt's note

Swordfish  
8kt. Speed hauler



Wednesday

3/15/95 Turtle Hooking factors west of 170°

1. Area <sup>Location</sup> Jim Cook "West & up is good"
2. Depth of line / Swordfish
3. Time of year - late summer high lat. near date line.
4. Water temp. Thermocline break  
Setting in pocket of water  
65°F center 64°F outside
5. More floats / more line sticks

Elliott

Need - Video  
Greenpeace JOE

14 cases hooks taken out in 1994; 7 in 1993.  
28 cases since 1980.

copper 80' gulf  
visibility - need a light  
Mouth gag

3/15/95  
PM

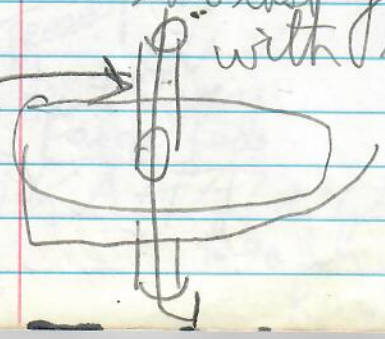
KATSUYAMA STATEMENT

Dr. NAKANO - report - longline/turtle survey  
intend ARGOS tracking, but no turtles  
caught. Sea Turtle = "God of the Sea"

UCHIDA  
24.6°C

Japanese fishermen believe  
↳ late last year. DeBarbed hook  
with squid fed to 78cm ♂ C.e.

Plastic tube





Tim Price - CITES permits; TRANSG MANUAL

3/15/95 Xerox empty reqs

Wed. eve - Korean captain - Bod to bring  
back - offer Rice into ocean  
sell shells / EAT turtle - Money to college fund

2:15 pm Stages of retrieval, etc  
Conditions = ~~knotted~~ Hooked/TANGLED  
② Line Retrieval ③ up to the side.

3/16/95 1/2 fleet is Vietnamese - translation needed  
Thurs. PM - 2 working groups ① retrieval ② Treatment  
+ (③ Research needed)

3/17/95 UNTIL NOON Friday WRAP UP

3/20/95 mailed 11-35mm dup. slides all turtles to:  
Monday MR. GORDON DRUMMOND

Return in 2 months + booklet

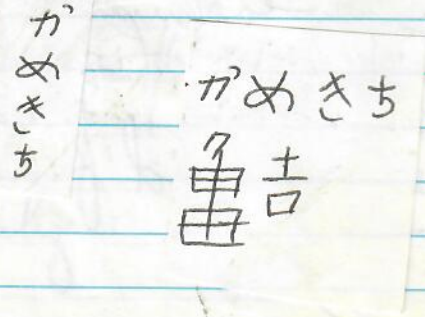
1 SYLVAN LANE  
HAMBLE, SOUTHAMPTON  
SO314 9G  
Hampshire, ENGLAND

10 hours ahead of HAWAII  
Phone 0703-456-065

Travel Requests -  
4/20-21 Puna Luu  
4/26 Paipukauni

GCB =

Kamekichi





484-1111

ALOHA

20 April TO HILO 1045AM FL 436

21 April to Honolulu 445pm (520pm) FL 75

HONOLULU

HILO #104434804

# J9LNKX

#9 day midsize

26 April TO LIHUE

525 AM

FL 201

KAWAI

# J9MKGL

440 pm

FL 66

# need

Natural

ecology

#31

EU

Malae Kahana Bay

retrieved 3/6/95

TO Kewalo

SCL - 86.3

SCW - 70.6

Done 3/23/95

3/23/94

CCL - 91.5

CCW - 88.0

Thurs

Head W - 11.9

RFF = 12.4 cm

Plastron - 66.4

T - 23 cm C - 13 cm

Tags. RHF = F400

TMR Score = 3

LFE = F399

Severe emaciation.

orig. tagged east, 6/89 nesting

Entrained at Malawa Animal Quarantine Facility by Thierry work.

Plasma taken by GIB - frozen for Herbert

"SPINAL TAP" needle

2 vials

LINE ISLANDS

Society Expeditions - Doug Endleton (206) 728-9400

ALOHA KONA - Thurs. 30 MARCH 95 6:20 am FL 88

KAHALOUU Beach Park 500 pm FL 97

#31

NATIONAL Call Nat. Direct 1-800-328-4567 Record LOCATOR ALOHA = ILXBIX #25193 \$26.00 1045192935

Reported by Jodi

3/28/95

Give TMR Turtle severe emaciation picked up AT AKA WAI Boat Harbor.

2 vials plasma taken for L. Herbert diagnostic test.

EU 3/31/95 by Thierry work AT Quarantine Facility. Heart & Liver cubes fed to Connie Sears, sent 4/9/95 Feces fed to Theodore Grayek Johns Hopkins

30 MARCH 95

KAHALOUU #3

15 captures

Thurs

Beach Park KONA

Cy96-97 H26 Reap - orig. 1989 - Kiholo



10 3/31/95 algae samples sent to Dennis  
IDed

4/2/95 traced Flippers at Sea

4/3/95 7 fecal samples in preservative  
Monday Fedexed to Thodden's Grocery  
Johns Hopkins

4/3 Monday  
in Bluey ice  
Fedexed to Carrie Sears -  
3 tubes liver cubes, 3 of heart, and ID  
3 of pectoral muscle from 3/28/95  
AAWA - EU 3/31/95

4/3/95 Greg Kaufman regarding 2 dead  
879-8860  
turtles at Kona found at Carol Beach  
Kaunapali.

4/4/95 Tom Gayne, 4514 N. Calif. Ave  
Chicago, 60625

sent project on Asterion Aquarrium about holding greens - Robert McLean wildlife  
Northwest Illinois UNW.

(970) 221-6476 → Dr. Curtis Fritz MB PhD bacteriology CDC Ft. Collins

4/4/95 Waiolua <sup>KAIMANU PL</sup> live stranded turtle  
TUESDAY TO Kewalo Basin 83cm  
Blood drawn 4/5/95 by Bob Morris for  
analysis (and plasma bank of mine)  
Jack 657-7891  
67-011 KAIMANU PL. Jack and Napua Bors  
Waiolua, HI 96744 fecal samples for Thodden's

4/10/95 Blood drawn at Kewalo for banking.  
4/11/95 5 tubes heart  
Fedex Taken by Denise to T. Work for EU.  
TO C. Sears 3 plasma vials + 1 = 4 total



Need - Gordon Brumby  
4 stamp ideas for Cooks ①  
Nive ②  
Aiputake ③  
Penym ④

"Deep Sea Booties" 11

KAWAI

Keieta Kimoto = 828-0327

Need Post

① JUANITA Redseal  
45 441 KEIKIKANE  
Kaneohe, HI 96744

Tried to  
rescue turtle  
caught in  
gillnet this  
past week

4/5/95 The Garden Island  
Listed last week - \$500 fine  
Need  
Heacock for killing 2 sea turtles

5/6/95 Misti Luan 8th grade Washington Intermediate  
Thursday 1523 Oliver St 946-0627  
Phone Interview 3:45 PM Honolulu, HI 96822  
Sent

Therapy Work - Home 247-6989

4/7/95 Canyons Atlantis Reef Divers (25 min 30 ft)  
FRIDAY SKK, DE, GHB 5 captures hard scuba  
2 new, 3 new (new w/IME)

4/8 Teleson Capt. Lockwood Army vet  
Kujalein turtles in pond - 577-7752 Page

John Wilson - 2179A MAKIKI HB, Dr.  
946-5508 home Honolulu, HI 96822

4/13 WAIKIKI Canyons Dr. E., SKK GHB  
Thurs 95 40 min 35 ft 2 captures  
1 new, 1 rec'd



DNA Training 1691 Kaimanulu Avenue  
Honolulu 96813  
536-4788 Train

4/11/95 Tues. 1030am JIM DAY - Longline observer  
Travel work - 522-8249

4/12/95 Wed. Permanent  
Yonat Swimmer (124 lbs)  
Fruit Lab - (313) 936-2097  
JANA Swimmer  
Home: 572 Dryad Rd,  
Santa Monica, CA 90404  
(310) 459 1111

402 ~~Sea~~ 2<sup>nd</sup> St,  
Ann Arbor, MI 48103  
(313) 998-0242

Atlantis Reef Divers  
Troy Scott 377-5538  
4901-D KALANIAN'OLE Hwy  
Honolulu, HI 96821  
Aunt  
Teloson interview

4/19 Aunt 8<sup>th</sup> grade  
Melissa Mayse 1454 KINAU St,  
Apt 7, Honolulu 96814

Mrs. Schuck  
Wed. 4/26 1-2 PM  
Friday 4/28 1-2 PM

1/11/95



4/17/95 Mailed to Dennis Russell  
3/13/95 <sup>1-VIAL</sup> ~~Kahalum~~ <sup>BEACH PACK</sup> Mouth Sample B302

Punaluu fly phone 928-9944 FL 7652 JE

MAY 8 Monday  
547-2211  
sent yost  
United 8am Ft. Collins 930pm #399  
" 11Am #305  
FL 7665 725am → LA 10Am  
FL 7671 945am → 1156am  
5/11/95  
FL 7671 925am  
5/11/95  
1156am

Noreen Parks Department of Geography  
200 W. Kawili St. Hilo 96720

PUNALUU #27 20-21 APRIL 95  
Snake 30 captures, 27 old, 3 new  
Thurs. Friday

Sent Michelle Hayes, 572 A Mokuuli, Hilo, 96720  
969-3491 969-3289  
Hilo Mop student interested in Turtle Survey Project

Loveland Airport Ft. Collins #34.95 HERTZ  
1-800 CAE GOLD Res. 924 40 F 859 62

3 nights Holiday Inn 800-465-4329 (304) 482-2626  
US287 Univ. Park Holiday Inn May 8, 3 nights #55  
American Express C.I. #6023 3657  
WGG & GHB  
Chris - 20 overhead, 25 slide, 15 screen  
Package #7 day

4/22/95 Sat. Channel 9 News Sandra Sagrese  
Dacare Shore Relay - no contact person  
1/2 hour search Scott  
Marker & Magic Is. side Noi  
not found



640am "Sheriff's Dept"  
via ♀ to home phone  
HO 5444

4/24/95  
Monday

Tracing at Waialua 637-8727

67-311 KIAPOKO PLACE 621-0700  
Work

~~Acnt~~

off of Waialua Beach ~~Rd.~~ Rd.  
TO Right of (vacant lot next) WAITUA 96791

Right on KAHAONE loop (then left) on  
kiapoko place

Swamp  
Picked up by Jensen

4/24 still Brief w/ James Baker DOC undersecretary

NESDIS (?)

Jeff Polovina - why didn't include further  
Bogg - color overheads (including photos)

call  
Need

ITP  
Turtle  
watching

Growth ① Hard parts ② Tag/recapture ③ Size classes  
length frequency  
Whale-watching video - meaning aircraft

NOAA "Predict & Protect"

4/21/95  
Friday AM

MAGIC Island Strand -  
taken to KRF.

SC = 74.6cm  
score = 3  
Need Blood

PLASMA  
4/20  
if take

4/26/95

examined by R. MORRIS

4/24 by GHB  
Hematocrit = 16%

Tumor count

TO Cherry  
Work

Sterling Chisholm

7721 ANINI Rd  
Cerd is 4453

P.O. BOX 89  
Kilauea, Hawaii 96754

828-2156

Need  
Release



Early April SLP 2495 2051 ♀ (used for Trans. TEST) 5  
95 Reported by Michelle Sattler, bulbous fibrous cloaca.  
Same bleedig. Separated TO Tank. Floating W. Saroo  
Hawkbill also

Send  
S.O.P.  
(Kellie Takimoto  
P.O. Box 1642  
Kapaa, 96846

25 APRIL 95 GIB site survey of Hawaii  
TUES.

STAND ID 2 # 2's REYE 3090 VISUAL  
1 # 2 LEYE 2090 VISUAL  
9/21/95 Neck 5-#2 1 #1  
MAGIC ISLAND RFF 6-#2's 1 #3  
LFF 3-#3's 1 #4  
R Jaw huge 1-#2  
L " " 1-#3  
Mod. emasculation  
1-#1 LH

4/26/95 LARA ASATO  
3358 Kaimuki Avenue  
Honolulu, HI 96816 737-1530  
Microbiology  
MS.  
Confounding PhD  
Sent

4/26 Telecon Doug Bertrand Survival Anglia  
(415) 665-4904 72 Carmel St.  
SF 94117



16

Telecom <sup>sent</sup> Tammy Thorne  
4/26 need P.O. Box 657  
Waikeolu 96791

637-1766 Referred  
by Steve-MOP

4/27/95 Thursday KBAW 16 captures of seawater  
Maec Rice, Scott, Minda & Dielli's <sup>oldest I can remember</sup>  
But Dwe Dwe reef 42  
~15 felt women

K296 Charlie Clifton  
724 KIHAPAI ST. KAILUA 96734

3-15-95 <sup>red-</sup> already reported  
given to me 4/27/95 while in KBAW <sup>sent</sup>

4/28/95 Rep. eve Holt's Assistant -  
Need Gillnets Suzanne Gilbert  
Family 156 KAKAHUAKA ST.  
- entrapment KAILUA, HI 96734  
- other  
- kiholo 262-4172  
- yost

4/28/95 Friday Necropsy / Photo Comparisons  
of Florida/Hawaii  
w/ Maec Rice, G. Watson, D. Ellis, Shogo  
4 students

sent T. Withington Thai Airlines  
Hui Li HIKAI #5889 #2731  
MAI 453 5553/2731

TAIWAN ~~2 Aug~~ Flight 1105 AM FL 83 #209095  
2pm → 4pm China Cathay → 625pm  
10 Aug FL 844 1pm → SF 920 AM FL 187  
THAI 670 205

MAESTRO  
CB 9405  
C

71042  
710433

#27

5/2  
Tel

line  
ingut  
T.W

Taipei  
FL  
45



Laughlin, NV

Master Card Gold River -  
CB 940502

Edgewater 677-4837

Colorado Belle 458-9500

Flamingo Hilton 352-6464

Kanada 272-6232

Harrish 800-447-8700

Riverside # 800-227-3849

National # 105 977 6441 Conf. NO.

Herz "CAR GOLD"  
9253 00004C5

18388923 (LAX) AAA 018

Cancelled 5/2/95 May 12 Friday 17

#710 430 R #40

#R940 430 R #45

TRIP \$97.17  
3x miles  
Riverview 2pt  
\$45  
\$102.57 3 days  
2PM 5/11/95 - 5/11/95

710428  
710433

5/2/95 TUES

(803) 762-8500

Thurs

Telecom Sylvia Galloway Charleston

JAN Carson - Secretary

Sears

7628621 Connie 07 8511

Dawn MATSUMURA

TOPU Poitega stickers

1:30 pm  
2 Aug F831 11:05 am  
3 Aug Tokyo 2 pm  
CATHAY Pacific  
FL 451 4 pm  
3 Aug AER 6:25 pm  
Taipei  
10 Aug Thai Air  
F 670  
1:50 pm  
Tokyo 6 pm  
FL 830 8 pm 10 Aug  
Am for 8:15 am

5/5/95 FedEx to Guczyk #4434130750

T. Work Necropsy 6 vials (4 fecal, 2 intestine tissue)

Dead strand 5/3/95 PONALOW Ashu

Taipei  
#5P414R

Thai Airline

Taipei  
FL 450

FL 150 pm

6 pm Nauty

12:50 pm

5

FL 830 8 pm

8:15 am

MAY  
MIL



18 BATTERY START DATES

4/94 SYSTEM 22136  
8555  
6/94 SYSTEM 22132  
9043

GCB Like hike 11a  
9 AM Sat.

ST 35  
Sent to Telonis for Refurbish

GCB  
low  
th  
15

will MAIL BACK PARASITES TO GIBBY MURPHY  
Dr. A. W. Miller

Cal-State Long Beach - Parasitology (310) 985-85

July checkout  
16 - 25 July opening night banquet - Florida speech

need to grade  
Telon

Ms. Ariel DeFAZIO  
7 Lincoln Rd,  
Great Neck, NY 11021



Sent

→ Dean 501-6357

→ MATSUMURA

The Horner Project  
Film video  
Need Waikiki  
1245 Maunakea St,  
#909 Honolulu 96817

8 AM Monday  
8 MAY 95 Depart for Ft. Collins w/wg

9 May 95  
Tues

Ideas/things to pursue

Amphipod transmission  
- Full range of temperatures in search for viruses.

Herbst run <sup>BUN</sup> Chemyze on 12 samples

Debris on surface - epidermis

- Sundberg study / PALCIC study

~~PAP0~~ VIRUS - skin tumors

initiators - promoters  
DNA Alterations

- Complicated problems  
- more than one etiology

1.5. Same cell type, not all same etiology

irritation - like papilloma virus  
that alter DNA leading to changes

- Bare erosion weed

9-10 MAY 95 TITLE: Green Turtle Fibropapilloma Virus: Epidemiological Research Needs



FT. COLLINGS <sup>EXPERTS</sup> C. Fritz

5/9/95 Determine in very specific terms what is call a case! Define "case"

TUES. - Where at ANATOMICALLY  
"outbreak investigation" - Epidemiology

Real case / not real cases

Will make diagnostic test difficult to develop  
because not testing "real" disease

Turtle - Place - time

Characterize cases  
age wt sex time - location

Season of samples

(Exactly same as Molokai -  
site # by - site by size class.  
Age / sex / distribution  
\* SIZE DISTRIBUTION by year  
\* by tumor

Problem of Sampling -

Sampling of tumored VS  
Sampling of non-tumored  
numerical units of sampling

Wright  
Reif

PCR-based on formalin tissues

\* Local environmental temperatures  
Cumulative prevalence; Annual prevalence  
at each site.



5/9/95 PAPADO VIROS

★ [By PIT TAGS 21]

TUES.

diseases  
wally-induced ~~animals~~ in juveniles  
animals.

FT. COLLINS

Aggregate susceptible animals  
breathing, urine, feces  
measles - childhood infections

★  
↓

Dogs - snip of tumor - see 2<sup>3</sup> weeks  
tumors gone. auto immune

A →  
snip off tumor

Route of investigation - Crude  
Similar to mammalian systems

Reif

Little evidence to implicate environment  
whole thing understandable by  
"simple infection"

Michelle Manos<sup>JOHNS</sup> - Hopkins  
papilloma virus -  
furtle

"Shoe-leather" approach

- Sloughing of skin } Routes of J.R.  
- Eye secretions } Transmission  
But ---  
in some tank



10 May 95  
Wed.

① Define "Case"

FT. COLLINS

- ② Is an outbreak occurring
- ③ Relationships (Temporal, Spatial, oceanographic, -- host factors)
- Stock differences, sizes (ages)
- ④ Beware of biases in data.

Research Needs

① Morbidity / Mortality <sup>ANALYSIS</sup> / <sup>STOCK/ABUNDANCE data</sup> TO judge impact

Examine data further (also by ENVIRONMENTAL DATA)

② Nutritional status of populations / Blood work - Chemzyme

③ AFIP growth rates / LIP Score  
(good pathologist but need help in interpretation of whole picture)

④ Serological test to assess incidence / Identification develop added useful collaborators

⑤ Viral, cultural attempt using broad range of temp. cells, etc. - Identify viral PATHOGENS. Tissues to identify viruses. Added people. Modern (PC) paperbacks to identify viruses.

⑥ Histopath of more tumors - Check for multiple "initiators"

"lead wt. part of"

⑧ Bank sera <sup>strip of paper</sup> collect more. Collect ~~as much~~ from distinct, population study sites. Spatial / Temporal / size of animals / gender / historical coverage



10 MAY 95  
Wed.

CHRIS JO =

passive - standing  
Active

- ① focus on 1 - <sup>23</sup> thorough
- ② Systemize

statistically valid samples

⑦ Lymphocytic blastogenesis assay  
- evaluate Immune Competency TITLE

~~FT. COLLINS~~ Greg Bossart - UNIV. Miami

[ no additional environment contammal data/study  
at this time ]

density of turtles in  
area

How many animals there are in a  
space? How many larvae in coral?

study published paper  
leptospirosis - from animal epidemiology  
9. EXamine ENVIRONMENTAL factors

10. - Autogenous vaccine trial  
a) injectum (captive)  
b) snail (weed)

for AFIP or ?  
⑩ Adults - FFS Tumor material,  
Blood  
Survival

⑪ Cofactors studies pollutants, other







5/10/95

John ~~Maria Pizzorno~~ ~~Princeton~~  
- vet. on staff  
- ongoing group consultation

Jim Collins  
Virologist

sent 5/22  
-25

Marie Pizzorno  
Princeton

FT. Collins

Virologist on staff  
molecular virologist  
MPIZORNO@WATSON.P.EDU

(609) 258-5993

Dept Mol. Bio  
Princeton U.N.J.

"critter Cam" - Ciddy

Charleston Lab - in waiting

Bob Morris

43 JJNF 50009 wed  
A500 added 5 am

GILL BONA 885-6622 caring  
EXT. 1488 for turtle  
powd Cethavac sleeping  
TO FEED

5/17/95 Telecon Dany - to be put in  
Pinky Manna Lani  
sig = 7/3/91 21.4cm

5/15/95 - 520+ → 11003  
"been on the reef at  
top of Arrouthead for 2 days"  
3/11/94 4/17/94 (5/19/94 = 45.7")

5/15/95 "418" MK3  
Wildlife computers "205" MK3e

MK3 "406"  
MK3 "A17"

TOR's Fedexed to Marc Rice + 2 new batteries + 0 RWFS

5/16/95 Telecon w/ Robi Werner FL. State  
Tues UNIV. Will go to Dry Tortugas this 6/20/95

Neuro fibromas

Summer 47' boat Greg Staughton - Study  
tumors on damselfish & gray SNAPPERS!  
- Papers by Mike Schmaley



K752 5/19/94 Mammalian  
(K752-K755)

5/16 Telecon re: SLP 6/3 displays  
FWS Barbara MAX Field

5/17 Wed. Telecon from Roger DiKosa-JA  
re: IRIAN JYA  
gatherback nesting "Birds' Head  
Peninsula" near Sorong.

need  
Hirth?

A Indian person tagged there but  
left w/ data? WWF project  
no tagging. Not many people. NO  
Hunting of nesters. But PGS  
eat all the eggs.

Early May 95 - Report from Vic Honda that  
Hilton Cayana has turtle in it again  
(still?).

see p25  
need  
T.DPS

5/18 Marty WISNER 885-8759 weighs  
sham (Colony) 20 lbs smelt  
Colony Colhoun (208) 375-6518 eating

Alonso - Boise = (208) 362-3122

5/19 Sent - N. Pac. Eckert + Hooking pl  
As per Marydele  
D. HyKLE, Deputy Coord  
UNEP/CMS Secretariat,  
Mallwitzstrasse 1-3  
D-53117 Bonn, Germany



Terry SPRAKER  
office - (970) 223-2557  
home - (970) 223-5950  
5/19  
e-mail: cindy (sent)  
491-4418

Need  
W.L. KLAWE  
TUNA Commission  
Box 271  
LA JOLLA, CA 92038

sent need enforcement articles  
Telcom Bruce Cato  
1807 Waiamoa Ave  
Hilo 96720

FWS Coop. Barbara Feeler BARB@gnv.fas.utl.edu  
(Assistant Debra Hatfield - 904-392-1861)

FAX = (904) 846-0841  
5/19 Telcom LISA PROSLAK (604) 986-0465  
Re: Mrs. Ellen TAVAKOI - IRAN

via Steve Barkley FFS  
Telcom First nest Tern. 5/2/95 1995  
5/19/95 AT Tern row FFS  
Copulation seen off  
Susan Witt  
43 basking turtles East "2/3 males"

As of 5/23 - 25 nests on Tern.

5/26/95 Call Aquatic Biologists + Ed. Spec.  
re: possible Turtle Studing workshop.



Need

FATHER

Danny

KEKAA, Kaula

Roped turtles  
years ago

Aune Agar ph 947-7323  
2007 A HUNNEWELL ST  
Honolulu HI 96822

5/22/95

~~Need~~ / ~~sent~~ The Johns Hopkins Medical Schools 955-5000  
University (410) 516-8000  
M. Michelle  
MAYOS  
Schoffhygiene wife  
615

need (Dr. Margaret K. Itozawa 928-8353  
M.D. P.O. Box 940  
Pahala, HI 96777

Call Sterling 5/28 Sunday to check on weather,

on Jim Logans  
5/24 Officer Yano 455-9055 Pearl City  
Wednesday Police - Turtle in someone's backyard  
but turned out to be a "SPIKED" land turtle

5/24/95 "Lou" gill net fisherman 293-5143

Near Pole 43

56197 Kam Huy LAIE

10:10 work  
records for  
John

12.5' deep gillnet - set out in ~20' to  
water. 2 turtles found entangled dead  
near top this morning. Saved in bushes a  
roll me. Two other dead yesterday morning  
cast adrift.

Publish!



PAU HANA INN - 553-5342  
 → JULY 10<sup>th</sup> - 13<sup>th</sup> Monday  
 Tuesday #42 → NAYSIA 5/23/95 Rosewater  
 Am. Express given  
 FL. 1421  
 6 pm 7/13

489-1111 # IKJSEL  
 AIRLINE = 550 Am  
 FL. 1224 7/10

Budget # 24,99 Conf. no. = 9519091

HAWAIIAN 838-1555 635 am  
 7/13 FL 92 550 pm  
 Record Loc. 749 pm  
 QRB @ DD  
 MOLOKAI

Monday 7/3 10:10 am 2 persons  
 MAUIA LANI HONOLULU 7/4/95 3:18 pm  
 FL. 4835 484 666  
 ALANO # 22.50 # = 658729

Rec. COAST = 7/5 11:55 am 404 6:35 am  
 ILBOZH #31 NATIONAL # - 10.60 12:54 5:12 pm  
 PUNALOU - HLLD  
 7/5 5:20 pm FL 77

5/23/95 Telean Ken Neithammer - P&H (7109) dead-shots at midday 5503  
 - Sea wall document nests  
 - Fluctuation w/ EAST numbers & Corv Dumi  
 - Long term trends Finance Dept  
 - Annual Report needed Budget, ICSD (STAFF)

DAR GIS 586-1940  
 DAR Kimberly Smith (Lowe) DAR (staff) 587-0100 (0114) GIS

→ "Rare and Endangered Species"  
 "Marine Coys" Reef "Joan Esposo" 587-2894  
 Terry Hilderbrand 587-2895  
 6/31/95 Telean office state plans



30 30 May Tues,  
 Aooha (Fl.) 525m  
 Kawai (201)

# IXUNYD  
 FL-282  
 512 Am

LUKE SPENCE  
 TOECH President  
 ATTORNEY Clark  
 DBEDT Coordinator  
 587-2680

National #31  
 # 106963 9381

956-592  
 GORGAS  
 ↑ H. EN  
 W6 Pa  
 Thomas  
 YONAT  
 523-7054

5/24/95 Meeting w/ FWS:  
 Jeff Myles Susan Pultz  
 MABC Webber Beth Flint - need longline.  
 JAW, GFB.  
 - Annual product needed - total # of chain.  
 - Assemble Tem data

5/25/95 Y898 Y899 straddled alive -  
 KMCAS - large tumors in  
 mouth - weak, wavy esophagus -  
 3 plasma samples backed.  
 close of up 35mm photos of head,  
 EU. 6 to Thierry work.

need fecals for John's top lens

30 MAY 95 KAUAI - ANINI Reef  
 Sterling 828-2156 Chistholm

5/30/95 Need tide map  
 4271 Anxi Rd.  
 Brown Garage  
 row of rocks parallel to shoreline  
 Halloween Tanks on door of garage

Fecal samples sent 5/31/95  
 Fedex 4434130772 T. Graczyk

ID DATE	ID PLACE	Quantity	Comments
05-25-95	Pali Kilo (KMCAS)	2 vials	Y898 fecal
05-24-95A	Laie	2 vials	fecal sample
05-24-95B	Laie	2 vials	fecal sample

Jaw  
 ID = 2  
 JAW  
 Telonic  
 JAW  
 dex  
 Controller  
 drain to  
 determine  
 remaining  
 Chag  
 after  
 sitting  
 quiesc  
 dr



956-5922  
GORGAS  
H. Emmett Finch  
W6PWF  
Tel = IOTA  
14.260 MHz  
USB frequencies = 21.260 MHz

RAY FABRE  
99-066 OHIAKU Place  
Aiea, HI 96701  
486-3141  
CRAIG YEE  
KH6WU  
27 MOE MOE PL.  
Wahiawa 96786

YONAT  
523-7054

Kellie  
Takimoto - 828-0327 (CRISPIN)  
TO TAKE Icom 735;  
I need = 1) slingshot 2) monofil.  
3) sinkers 4) copper wire 5) Ground Rod 6) inst. manual  
7) line 8) insulators 9) ANTENNA TUNER 10) connecting wire; headset + JACK

Jaw? Nancy Thompson 27-28 JUNE - then  
pull data together  
are in Oct.

PELE HANOA - P.O. Box 472  
NAALEHU HI 96772  
(808) 929-9047

ID = 22136  
DATE = 4/94  
original battery start date

SP = Standard Program  
new-batteries have approx 3000 m/Amp/hour

Telonic's  
JAW  
Dexter  
Controlled drain to determine remaining charge after sitting in storage -  
quiescent drain

Transmitter  
Sys. No. 8555 - left 63% Remaining  
1900 m/Amp/hour left  
Severe passivation = (film on contacts.)

Transmitter  
Sys. No. 9043 left 2600 m/Amp/hour left  
NO passivation  
DATE = 8/94  
87% Remaining

Refurbished 5/95  
ID = 22132  
22132  
25126



32  
BID

Hauaukai  
TAXI = 396-8294  
#28

6/1/95

Brewer  
Carlson

Dr. Richard Clark  
IWVS  
Int. Wild. Vet. Service  
1850 N. Main  
Salinas, CA 93906  
(408) 449-2446

Karen

T. Spraker Wild. Path. INT.  
2905 Stanford Rd.  
Ft. Collins, CO 80525

3-9

6/10/95 <sup>seed</sup>  
Sat. <sup>from</sup> Telus at home from 239-4783  
Kahaloa Mr. Barnes  
200-300 lb turtle floated  
Shawn in front of his house seawall 6/9 yesterday.  
Need Called SLP "Blue ribbon"  
daughter called. Shawn hauled Friday 6/9  
around neck

6/6

Dep

Draft  
a memo  
standing  
protocol  
SLP  
Waikiki Aquarium  
others (LE)

Marion



6/1/95

Betsy GARNE

239-4280

photos later sent should have been it was Comm

239-4280

Leatherback seen in K Bay

HAWKED OUT WITH TMS NEAR

Ka/oa is green

Bruce Carlson 941-5659

G3 - G300

U603 - U999

F901 - F999

TO

FFS 1995

G301 - G400 sent mid-June TO Tern

TAG NOS. AT TERN =

(2 low numbers used as

demo 6/9/95 at Tern by GIB)

3-9 JUNE 95 FFS exp. 40

1.) Deployed 22133 & 22125

on adult males at east

2.) Temperature loggers on Tern & East

3.) Collected DNA

4.) Trained YONAT Swimmer & Kelle/Tahiti

6/6 duty

cycles

6/7 AM

22125

SL = 85.9 cm TAG MOTO U672

Deployed on Males

22133

SL = 87.1 cm TAG MOTO

6038

At Tern

6/8 AM

Humpback Whale Marine Sanctuary Program  
Kihei, Maui 879-2818

Marion

Paul Jokel  
236-7440

944-7480 Mother



34

Sent

2745 KAUHALE ST,  
HI 96753 Aiea

NAughton  
973-2940

6/13/95

Donald Bloom 874-3589

SHARK ATTACK

on long swim goggles swimming, sharp pain in side.  
1 mi + rolled into side of shark -  
extremely cloudy water, 5' + kicked shark -  
shark moved out him like deep scraps - 4 punctures  
3/4" wide spaced 1" apart back along.

Time  
11:50 AM

blood flowed - barely deep for blood to  
flow. puncture and scratch -  
left - wide rift each.

S. end of Keheg  
in front of Grand Wailea

She (partner) 25' apart when  
swimming

→ Saw dorsal fin 8" high off back  
4' visibility

20-30' deep - news said 50 yards from  
shore Two hundred yards  
off shore  
Multicolored gold green purple

VIA  
Randy

Sid Kivi Fireman at Hanapepe

Surfboard bitten during  
late 1994 off Barking Sands,

Kivi

Kawai  
Didn't want GIB to know.

Need  
email  
Stan.

on 6/13

6/14  
wed

Sent 6/17

ALC  
DMB  
A

6/15/95

6/20  
Feder

to

G.I.



Need -  
email  
stan.

PTT H<sup>ONOLULU</sup> Laboratory / GMT 5/26/95 1950 hours 35  
21.296N, 157.811W LC=3

VIA Michelle Sattler  
on 6/12/95 SLP - 70 hatched (67 alive)  
4 yearling to (Virginia Science Museum)  
need tag numbers

6/14/95

wed. Flipper tracings and measurements of  
8 turtles at SLP. Data table  
+ data in sketch book  
6/14 TV 4 Gary Sprinkle 5 pm - Sattler w/ hatchling on desk.  
Released Kumu Cove

~~Sent 6/10/95 Alan Hay Havaana Bay Saw  
14 turtles + Nuggett~~ } 7 result new  
11 captures

Aloha Airlines 6:20 am Fl. 88 KAHALOU  
DMB A/L 6/16/95 (4:17 pm) 5:15 pm Fl. 97 #4

6/15/95 Telefon  
Ron Walker - 5 4-1 - 1315  
Re: Fund Katakua

6/20/95 2 Caretta N. Pacific large  
Cef only Humens = DJH - 006T  
Feder 2 flights still in A2 freezers. || 10-07-90  
to " DJH - 003T small  
9-08-90  
G. Zug Feder #4434130161 Ryujin MAEU

Above bones obtained  
from 4/94 necropsy at NAGOYA AQUARIUM



36 (Rick) Christine - 899-7439

Honebunk

Crazy shirts = 879-8577 MAUI COIN

GCB (305) 527-2700  
Rm 230

Cory Stokes 11/6/94  
"Landings" Kealia, HI

Fox Photo  
879-635

Telecom Victoria 6/21/95

~~Wade~~  
Hooks?

6/13/94 - KAWAI

(2 men)

NEED follow up

took IARE3 Quertos (His truck)  
Didn't know illegal knew illegal

Regarding  
sentencing

Molokai - Fish Bog  
Turtle on Bottom

Butchered

1994 KK went into water  
STIMER (Steiner)

Speared

Gwen Olson, 84-965 Farrington Hwy #510 (Makaha Beach Cabanas), Waianae, HI 96792, Ph: 696-5031. Reported a dead turtle found ashore at Makaha beach, brought by someone closer to their apartment building. From her account it was intact, with no tumors or tags. DME responded, but when arrived, contact said that turtle had been taken by a young man staying in the building who had plans to sell it. Gave her the number for enforcement and asked her to contact them since she could fill in details. DME called NMFS-LE and talked with Scott, gave them info on contact and what I knew - a heads up. Also gave contact business card.  
6/20/95

6/20-6/21 Hurley email requesting list

6/22/95 - Telecom Beth Flint Re: Longline program

6/22 Telecom - shark list for turtles

sent to Dr. Craig Nakamura  
332 PINAO ST.  
Honolulu, HI 96822

6/22/95 Andrew Roberts  
examined by Denise

need dead Debby 499-3581

60-25A Marina Dr  
BWAber  
96700

Ewa Beach Stranding - large  
IMPACT TO shell, no tags



Need  
United  
Air

#5P414 R TAIPEI (TAIWAN VISA)

Christina Evans 879-7439  
P.O. Box 1326  
Kahe, HI 96753

Crazy Shirts  
879-8588

2 Aug.  
FL.451

6-10 pm

18 km (4 beach) then 6 km  
North Vogelkop Coast  
km's of beach

Village SORONG - East of

Adrian Bird's Head Peninsula area  
Roger Telecom 1985 India researcher

STASH, Need  
BASKAE

PIGS - NIT

Funding "Turtle Conservation officers" by WWF in area.  
422-6905

Martha (Chris Starbird) (707)  
SUAREZ 874-2755

Referred by Scott Yamashita Miller  
808-965-7802 Forest of Dune  
Address = 4005 RR2 PAHOA HI 1TY.O.

Need - Trapped bushes - pond brackish  
- Large  
- Swamy grasses

Map  
Why did he  
Call Honolulu?  
6/27

KAPOHA VACATION CAVE  
Beach Lots guard-  
1' ft low tide.

Warden came out - Said someone from  
"Aquatics" would come and tag it.

Need



38

Sent

JACK MARKHAM Guantanamo Bay  
509 Greenway Drive  
Chesapeake, VA 2332 (804) 436-5521

Alonso  
Smiths  
SI/MAB  
1100 J  
Washing  
Tel (2  
FAX (2

6/23 Telecon Alton (312) 7530-3347  
Physiological Zoology Dr. Warren W. Buggen

Presented 2 CITATIONS  
Removed  
Dr. Deming 14 points

Jim Bakken  
VP Ford

6/26/95

1. System strategic plan.  
What are we doing? why
2. everyone wins -  
Compete, but cooperate
3. Design quality on
4. Don't buy on price tag alone
5. Continuous improvement
6. Training for skills
7. ~~Inst~~ Institute Leadership <sup>(not supervision)</sup> Leadership
8. Drive out fear
9. Break down barriers - build a system  
Contribution, not competition
10. Eliminate Slogans
11. Eliminate numerical goals/quotes "Method"
12. Joy in work - Abolish annual rating.
13. Continuing education
14. Accomplish the transformation

Sent

Tele  
Sent

Done

Need  
6/26

Sent

6/28  
Ne

6/23/95 Stray SL=58.3cm 63cm CL  
West Beach - HOOLWA Reported head  
stuck in reef. Taken to lab, inspected, (Red)  
measured & tagged. 11279, 11278, 11277, 11276.  
Released 6/23 5:30pm Kaulaui  
Beach Park. Swam w/vigor



Alonso Aguirre  
Smithsonian Institution  
SI/MAB Biodiversity Program  
1100 Jefferson Drive S.W. Suite 3123  
Washington, DC 20560  
Tel (202) 357-4793  
FAX (202) 786-2557

c/o Francisco Dallmeier

39

6/26/95 ~~Telecon~~ ~~254-1895~~ ~~need to visit~~ ~~1000'-20'~~ ~~1000~~ ~~seen~~ ~~Turtles~~  
at one  
Tan Lindburg P.O. Box 1755  
Mel Rogers ♀ Kaula 96734  
Kauaie Canal  
gill netting / cross netting / turtles in nets.

~~Telecon~~  
~~Sent~~  
Aurora Martinovich  
P.O. Box 38  
Pahoa, HI 96778  
Ph: (808) 965-7319

Reported 2 turtle  
in a pond in Puna.

6/26 picked up background citizens  
DONNA DeLaCruz Sea Grant Makai Reporter

need  
6/26/99 UPSULA Schmid 1765 ACA MOANA Blvd #1887  
942-5253 - 5pm Hono 96815  
large lethargic turtle seen by Waikiki  
Yacht club seawall and outrigger canoes nearby  
~~Sent~~ Denise sent 6/27 Am - Found nothing!

6/28/95 ~~need Yosi~~ ADDRESS =  
Francis Kugilani 329-6881  
Near Honokohau Bay turtle 8-20 vs a  
couple  
high tide - knee deep water  
body 1/2 out of  
6/27 late afternoon  
2.1' tide = 6pm

HVNP  
967-8226  
Katahina



Need

Need

- publication approval for several papers

coop effort involving responsibility & efforts of several state & Fed. agencies  
value - rehab / research / welfare

Michelle Sattler  
SLP

3-4 July 95 Maura Lam Bay Hotel - Independence  
day release - 14 Turtles  
YFOI - YFM YGOI - YH 99

\* Cynthia GALIETO 329-6881  
KALOHO NPS contact for 7/3/95

7/3 visited KaloHo site w/ Cynthia Galieto  
National Park Service

6/29/95 Arthur Sackler - Kaula Bay 293-5156  
1/2 mile along coast in front of Turtle Bay Hotel  
Small - TME Dead in rocks

Objective: Provide tech. Assist. wildlife Health, both state & matter - Fed. &

6/30/95 NBS Meeting - Health Lab

Friday Thierry work - Attendance - Beth,  
Ken McDonald, Karen Rosa, WGG,  
Paul

Karen - wants necropsies of all Murtle/End. species

"Wildlife disease workshop in Sept" on each Island

Thierry - collect worms?

Turtles TMR - Gilnet - Parasites  
Health BASelin  
prop. etc  
Spear  
TO  
work

Workers health issues

Need - Whitlow / Balazs paper "Parasitic ulcers" TO work

\* "FFG - Almost certainly a prey problem" WGG

EXCAVATED By AA Gote  
PM. of 11/19/95 - to case  
5' away buried  
45 cm S.L.P.

6/29/95 4:30 PM

#48  
Flight  
50  
6/2  
7/17  
TO  
need  
6/30  
LAWA  
KA  
Head  
need  
Brenda  
Telonic  
7/7/9  
Hawaii  
5 Ju  
5-6



AA-800-223-5436  
FL 73 1230pm 6/16

26 July 29 July

#438 Delta 840am 649pm 11Am 1160 357  
FL 194 VA 830am 4:33 FL 935 1245pm 199 #412 430pm

San Diego #4434131074

6/29/95 Live tumored turtle picked up by Denise - Plasma banked. WT = 36 lbs

7/17 ~~FEDA~~ ~~TO GRACIA~~ ~~FEDAL~~ ~~INTESTINAL~~ Held at Kewalo for Thierry work return. ID = 6-29-95 SL = 54.2 CL = 57.5

need ~~PLASMA~~ ~~WALS~~ into freezer. 7/11/95 Necropsy EU T. work

6/30 Chippin Dippin FWS Hawaii reports that National Botanical Gardens - Hawaii - Lanai "Green" turtle dug pits during last few weeks.

Headlock

need Health & Healing, as per Danny AKANA  
Mauleana-John 325-7946 889-5566

Brenda ST-10 location &  
Telonics #BM 950413 - surface counter - has salt water suppression in it  
#LO 950413 - no salt water suppress.  
surface count & location

7/7/95 Telonics/Headlock.  
Rick Hanna - Lanai kai reports nesting June. 11 sizable beach nesting?  
Hawaii Also - Nāpali at ~~Waiānana~~ Treasure Beach nesting?  
Molokai

5 July 95 Punaluu #28 13 caught (12 old 1 new)  
5-6 July 95 Kamehame overnight (2 hawks Nests) NO SIGN OF Turtle in pond  
STow Away Buried Kamehame 7/6/95 7:00 PM



42

Need

Peter Craig > MTSG membership  
Sue Miller  
Need

Shank list to Poteles

Need correct PITS-MANUA LIAI DATA

Jupiter, B. Fl.

7/3/95 Met at Mauna Lani - Send Childrens + The Home Project  
Stetson Visual Services Tel. (213) 645-8822  
Leslie Stetson - 7859 Airplane Ave. L.A., CA 90045

Need sent to both

Karen Evans 3860 KEVINGTON, Eugene, OR 97405  
Phone (W) 800-695-5701 x 3276  
(H) (503) 344-7464

7/7/95 am Discussion w/ Vic Honda regarding his new emphasis on turtle case on Oahu. Also he met w/ Denise and Shaun.

7/7/95 Telecan Key, Neil Abernethie - recovery  
Friday Sea turtle biology & recovery. - ecotourism  
PM No fiscal matters discussed.

10-14 JULY 95 PALAANU, MOLOKAI  
HALAWA BEACH, HI EXAM. 56 captures  
(34 w/ tumors, 16 recoveries)  
6190  
NO nests seen or heard about

2000  
1/1/95  
green at  
Moonstone

Shank list sent

7/14/95 Mary Sano 2939 Kaamali Drive  
sent Honolulu, HI 96822

7/18/95 Bill Parakei 9659422  
Regarding stranded hawk still on Big Island  
Kapoho Bay - Floating  
Cant dive.  
7/19/95 see page 45  
PO Box 726  
Kalaheo, HI  
96778

one  
1276  
reorder

Home Dizon 619 457 5685

Fiberglass

7/1 Meet

7

7/19/95  
Sent

7/19/  
Sent



Fiberglass Resin TV9 Gov. waste 973-9393 LIGHT INC. 43  
 Typed need "cut-out" photo cube size  
 - FORM 0230 International air Bill (Airport to Airport) 800-238-5355  
 See P.45 #2.55 lb  
 - Dangerous Goods

7/17/95 Meeting w/wag @ Levels of supervision  
 1) by one 2) Center 3) Lab/Durchief 4) Invest, Chief  
 5) Museum for every 14 people.  
 6) FY 96 - 109. Cent NMFS.  
 7) Recision - passed House but stalled. Turtles/Seals  
 8) Furlough possibility of start of FY. YES not there BUT...  
 9) Kill Commerce. They were!

7 W. Lusk FWS - "Creationist" comment: Macc webber.

7/19/95 Sue Robinson Telecon P.O. Box 616  
 Khei, HI 96753  
 Sent ~~memo~~ into for dive operators

Hawaiian Service #41-0134 Kay Helbig  
 Regarding Mickey Mouse Turtle Post card  
 Need Kay

7/19/95 TIME stuff  
 Jonah GOVIN Telecon  
 BOX 11542  
 Honolulu HI 96828  
 Sent



44

FRIDAY MAR Rice Friday

645<sup>AM</sup> arrive VIDEO

21 July 95

Neecropsy of 40cm LEATHERBACK

Maggie Lee = (619) 220-8614

by Rices, Watson  
T. work

7/22/95

John WILSON 946-5308

Sat. Reports regularly seeing a turtle  
["ocean address"]  
with Uluva hook in "Shoulder".  
He has already cut off fishline.

7/27/95  
Thurs.

Denise/Suzanne went to Makaha.

7/21/95  
FRIDAY  
NIGHT

TOPS  
Need  
Call to home from Alan Horeg  
regarding turtle with  
fish line, wire leader, and  
hook. All removed. Line cut  
deep into flipper. Subsequently safe  
night released at Hanouma Bay where  
found.

7/24/95

Chris Tronolone  
P.O. Box 121  
Pukalani, HI 96788

PH and FAX: (808) 572-5887

Aku'u Maui  
Community TV -  
outreach to surfers

----- Message Contents -----

Patricia Kubo from Kailua Elementary School called and wanted to get information about the Year of the Sea Turtle, what's being done, materials if possible. Said they voted the green sea turtle in as the mascot of the school (in May) and she wanted to get the kids involved and informed about them. There are about 500-550 children in the school (i asked). Her address:

Patricia Kubo  
Kailua Elementary School  
315 Kuulei Rd.  
Kailua, HI 96734  
Ph (hm): 261-5148  
Ph (school): 266-7878

Need  
Videos

Sent

Sent  
Literature  
- Posters  
- Letters re:  
- Funding cuts

8

7/2

Telec

7/24

Fede

(Gu

7/25/

TUES

EU

(MONTH

TO A

7/25

NEED

AS Pe

7/25

\*

7/2

P



Janette Wyncken 9-17 Aug. 95 \*need [unclear] address list for Taiwan 45  
message under [unclear] lives

808-965-0851  
ARRANGE SOTEOLLO  
7/24/95 TO SHIP PARECHI Tutie BOX 546 PAHOA 96778  
ACAPAI POINT

7/24/95 Telecon 488-2269  
WFMG Volunteer RE: KATAHIRA project  
International IXS service up 20 @lbs = \$55 + \$40

7/25/95 Kalani MAKAINAI 527-1577 Glass Bottom Boat  
900 45,213 NAKULAAI Pl. Boat  
Kapeho, HI 96744  
KBay - stranding - Turtle swimming  
Heeia Harbor

TUES Dr. Morris  
EV (MOUTH TIME) TO AZ  
7/25 shipped TO TAIWAN

Fiberglass Hawaii - ANN - 847-3951  
" Resin Solution, 3, UN1866, PG III "

NEED MSDS Form from Ann at FGH  
AS per Joe - 2 months ago " " Kapaohaha  
7/25 South Seas Aquatics - Sho " " Kapaohaha  
Heavy Tourists hold turtles then taking photo of them  
Sail 941-6134 7350438

7/25 PM Bob 3rd Party TO 262-9621  
Morris



46

FRANCIS Savings  
Am. HAWAIIAN

Mike G., Peter, Craig, Jim MARAGOS (Ann),  
Peter Dutton, Susan Pully, S.E., Karen Miller,  
Richard Byler

27 JULY 95 US PACIFIC RECOVERY TEAM  
Thursday MEET

P.O. Craig - Pacific Forum meeting coming  
up - will SPRP attend? need for it

→ Pacific Islands Turtle coordinators <sup>U.S. pay for it</sup>  
[Get over "tragedy of commons" problem -  
establish turtle ownership]

→ Coastal Gill meeting in Calif - still

TOB: - Mike - Did tagging submitted  
forms to SPRP - no feedback - How  
will this benefit them? what are  
results?

probably  
100  
forms  
did they  
SPREP?

Implementation Team - next step members  
+ Implementation schedule. Stakeholder  
Priority # items

P.W. -  
"Retreat"

PBR "Potential Biological Removal"

How many can we take w/o <sup>harming</sup>  
the species?

Randall Brown - (206) 526-6226

JIM MARAGOS Halophila close to shore at Amiri.

KEO  
- MORE  
BACK  
SAT  
Witzell  
Global S

Scott - 9  
"u  
Aug 2  
ne

Handwritten box with scribbles

7/28  
need  
need  
capture  
note  
Eck

↑  
se  
s

need  
+ col  
exist



XEROX - "TURTLE MATTER" RUDLOE; T. WORK - ANATOMY MANUAL RATTHE GLAND 27;  
 - MORE ANATOMY MANUALS - WITZELL; Letter Tom Wilson "READING FILE" - GET PHOTOS  
 BACK FROM MARY DELE (STRATEGY); "FAT" FROM LEATHER BACK FOR Bob Akman;  
 SAT - need WATTS "ANATOMY manual" "Hooking report" "Tumor workshop"  
 Witzell - handsbill Synopsis. EMAIL TO Karen Bjornsdal - said in Hawaii Trans Globa  
 Global Strategy to - TUMAN, LAUES, Nakakaga, (DRISCOLL) HL Library. LIFE 5125 photo "cut-out"  
 LIGHT

Scott - 942-2582; Noie 942-2582; TAIWAN - Rain Jacket. CITES Permit. Time Greenwich?  
 Need - Turner Pop @ Byles ③ Richardson TIME TAIPEI?

"WINDOW" - KAMEHANE  
 Aug 29 - 2 Sept 11 - TURTLE TOTAL 1-1991 3-1993  
 2-1992 4-NEW

Jill Lippert  
 P.O. BOX 71  
 HVNP  
 need sent

96718

need - Chinese coloring book to Karen <sup>Bjornsdal</sup> / Marydele  
 note in MTN on battery drain; ST3 Telonis.

Therap - CONANT (P) 301-6713-1701

18 Samples 11 green 1 hawk (IN PACAU) + Tobi  
 Sue lobby Col get permits sent to Sue 8/1/95  
 in order.

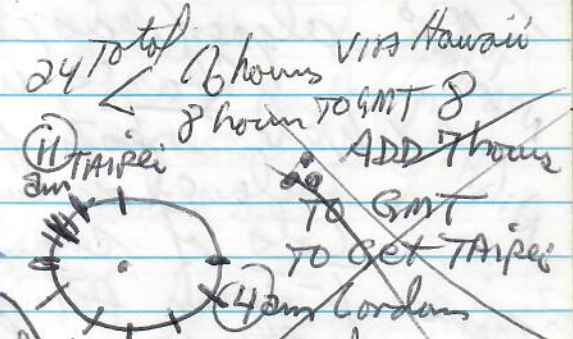
7/28/95 Notes - Sea Turtle Display at Seaworld

- "SEA Turtles are endangered & threatened"
- said haulout area, fresh, brackish
- what will be done with them - release?
- Small loggerhead?
- Bleached-out green

need urgent plan.  
 need capture note to Eckert +

Models of 3 species

SLIP 8/1 4am London  
 8/1 11am Taipei



need + copy of capture GMT - Taipei is shows ahead. but GMT must be 1 hour post London (?) or operator get info we wrong info



- Oct 95 Seattle-Lin  
- Maximal owners for 76

GCB FAX 848-0080 2-12 AUG. 95 TAIWAN

Inter FL 670 = 150pm % Sharon Young  
International Student Studies  
8/10 TAI = 02 325-8868 County VA 530  
JA-Taipei

2 AUG. 95 Depart JA 831 1105am for Nanta -  
wed. 2 hour layover - Cathay Pacific 2 hour flight  
ARRIVE south to Taipei - arrive ~ 6 PM. Met by  
3 AUG. I-Junn - bus to Taipei + Coopers Hotel. -  
Thursday GMT difference to Taiwan = +8 hours <sup>ahead</sup> (or 16 behind)

Visit Council of Agriculture - also  
Director of Forestry. Checked out

4 AUG. 95  
FRIDAY  
carg  
sign  
w/ nesting  
turtles at  
Wan-Am  
dock.

of hotel and took taxi to  
Taipei airport, depart ~ 1230 pm  
for Makung, Penghu. Saw lots of  
stall undeveloped green mountains in  
interior of Taiwan. Lots of soil runoff  
drainage areas along coast.

MAILED TO  
DENNIS RUSSELL  
8/18/95

Makung to dock where we (20+ people  
reporters etc) took government speed  
boat to Wan-Am. Typhoon was  
just a week or so ago. Check in

NO TURTLES  
RESTAINED

to Hotel (same room 2101) at 3pm  
walked "bathhouse" beach - lots of  
algae (reds, etc) <sup>collected</sup> washed up. Lots of  
sargassum washed up. Tar/oil.

NIGHT 1

Were nests flooded from storm waves?  
Delayed incubation from heavy rain?  
Lots of channeled run-off of freshwater

3 Trans.  
"on"  
at Midway

I-Junn estimates 7 turtles nesting  
this year. Forecast is 116 cm dec.  
Slept from 9pm 3:30 am. High tide about  
3 AM. Reported up-down truck - Bathhouse

5 AUG. 95  
SAT.

or toward "graveyard" end of beach.

Copy book "Taiwan Turtles" to I-junn  
Dominant feature of

History of turtles  
Wan-Am?  
W view of Taiwan  
HAE reported  
to

UA-T  
02-32  
5 Au  
Satu



UA-TAIPEI =  
02-325-8868

WAN-AN TURTLE FIELD STATION =  
TEL. 886-6-999-1826 49

5 AUG. 95 4:30am went with <sup>MR.</sup> YANG to check  
Saturday "Tien Tai Shan" beach - dirt roadway

I-JUNN home = 886-02-735-0595

Cathy Book Taiwan Turtle to I-junn.  
Dominant feature of Wan-An (rather small) Grove sites

History of turtles wan-an? view of Taiwan Turtle / I-junn.  
HAREPOURED 4 years ago! for food.

washed away from typhoon - had to walk on grassy path. <sup>SAID TO WAIT FOR HATCHLINGS.</sup> Deer Snake <sup>TRAP! SUGAR OUT FLUIDS.</sup>  
found (photos) reported killed by old man. <sup>THIRD ONE SEE BY YANG. LAST ONE WAS DIFFERENT KIND.</sup>  
At ~ 6:30 AM I took motorcycle (new for project) and toured island. At "Hiking" beach - "excavated" area (hard mining) I saw nesting pits in depression, photos. Lots of dumped mullish, litter everywhere. New turtle signs put up since last year. Found old bones of large turtle - margined flipper ulna-radius and femur. DNA possible! <sup>YES</sup> Explosion heard - water upwelling seen - small boat circling just offshore. Dynamite "fishing". Toured island on motorcycle a second time (M.L.) in the afternoon. Saw small beach near older wooden hotel. Plastics and logs drifted ashore high. Lots of debris. Hotel owner says no signs of nesting. Motored ~~to~~ to "Graveyard" beach - walked to end and saw up-down track from

Night 7. Also, looked at successful nesting site Nite 1, also missed seeing/holding turtle, Nite 1. After dinner at ~ 7PM we excavated on other nest - 64 egg shells from hatching that emerged. 35 unatched - appear to be no embryo development. One live hatchling - 47mm HIND FLIPPERS TRACED.







L-JUN  
ARGDS #1269

23.5 NORTH LAT / 119.5 EAST LONG

date	object	beacon	rise GMT	tca	set GMT	el. Best 42°
AT						
05Aug95	NOAA-12	1707.0000	00:38:32	00:44:25	00:50	12
05Aug95	NOAA-9	1707.0000	00:44:17	00:51:14	00:58	21
05Aug95	NOAA-9	1707.0000	02:24:20	02:31:43	02:39	32
05Aug95	NOAA-14	1707.0000	03:45:44	03:50:37	03:55	7
05Aug95	NOAA-14	1707.0000	05:22:44	05:30:34	05:38	89
95 05Aug95	NOAA-11	1698.0000	07:07:00	07:11:38	07:16	6
05Aug95	NOAA-12	1707.0000	10:09:43	09:05:26	09:12	38
05Aug95	NOAA-11	1698.0000	10:39:18	10:17:01	10:24	35*
05Aug95	NOAA-12	1707.0000	11:50:20	10:46:00	10:52	18
05Aug95	NOAA-9	1707.0000	12:01:16	11:56:59	12:03	18
05Aug95	NOAA-9	1707.0000	12:01:16	12:07:49	12:14	16
05Aug95	NOAA-14	1707.0000	13:40:18	13:47:58	13:55	44
05Aug95	NOAA-14	1707.0000	16:16:49	16:21:35	16:26	6
05Aug95	NOAA-14	1707.0000	17:54:45	18:02:39	18:10	89
05Aug95	NOAA-14	1707.0000	19:37:41	19:42:35	19:47	7
05Aug95	NOAA-11	1698.0000	21:28:59	21:36:34	21:44	37
05Aug95	NOAA-12	1707.0000	22:35:52	22:43:11	22:50	32
05Aug95	NOAA-11	1698.0000	23:10:02	23:16:49	23:23	19

All used from

05Aug95 passes = 18

UN						
06Aug95	NOAA-12	1707.0000	00:16:09	00:22:54	00:29	21
06Aug95	NOAA-9	1707.0000	00:31:43	00:38:10	00:44	15
06Aug95	NOAA-9	1707.0000	02:11:10	02:18:47	02:26	44
06Aug95	NOAA-14	1707.0000	03:36:03	03:39:58	03:43	4
06Aug95	NOAA-14	1707.0000	05:11:58	05:19:46	05:27	69
06Aug95	NOAA-14	1707.0000	06:55:14	07:00:44	07:06	9
06Aug95	NOAA-11	1698.0000	08:45:57	08:53:10	09:00	28
06Aug95	NOAA-12	1707.0000	09:48:41	09:55:26	10:02	21
06Aug95	NOAA-11	1698.0000	10:26:30	10:33:36	10:40	24
06Aug95	NOAA-12	1707.0000	11:27:55	11:35:10	11:42	32
06Aug95	NOAA-9	1707.0000	11:49:01	11:54:57	12:00	12
06Aug95	NOAA-9	1707.0000	13:27:10	13:34:57	13:42	61
06Aug95	NOAA-9	1707.0000	15:13:37	15:16:01	15:18	1
06Aug95	NOAA-14	1707.0000	16:07:08	16:10:40	16:14	3
06Aug95	NOAA-14	1707.0000	17:43:58	17:51:51	17:59	71
06Aug95	NOAA-14	1707.0000	19:26:18	19:31:55	19:37	10
06Aug95	NOAA-11	1698.0000	21:16:52	21:24:12	21:31	27
06Aug95	NOAA-12	1707.0000	22:14:45	22:21:22	22:27	18
06Aug95	NOAA-11	1698.0000	22:57:25	23:04:35	23:11	26
06Aug95	NOAA-12	1707.0000	23:54:02	00:01:19	00:08	35*

06Aug95 passes = 20

UN						
07Aug95	NOAA-9	1707.0000	00:19:20	00:25:04	00:30	10



07Aug95	NOAA-9	1707.0000	01:58:04	02:05:49	02:13
07Aug95	NOAA-14	1707.0000	03:26:53	03:29:21	03:31
07Aug95	NOAA-9	1707.0000	03:42:03	03:45:24	03:48
07Aug95	NOAA-14	1707.0000	05:01:17 <sup>201</sup>	05:08:59	05:16
07Aug95	NOAA-14	1707.0000	06:43:42	06:49:50	06:55
07Aug95	NoAA-11	1698.0000	08:34:04	08:40:55	08:47
07Aug95	NOAA-12	1707.0000	09:28:04	09:33:55	09:39
07Aug95	NoAA-11	1698.0000	10:13:49	10:21:13	10:28
07Aug95	NOAA-12	1707.0000	11:05:50	11:13:24	11:20
07Aug95	NOAA-9	1707.0000	11:36:59	11:42:07	11:47
07Aug95	NOAA-12	1707.0000	12:53:02	12:53:55	12:54
07Aug95	NOAA-9	1707.0000	13:14:07	13:21:57	13:29
07Aug95	NOAA-9	1707.0000	14:58:35	15:02:53	15:07
07Aug95	NOAA-14	1707.0000	15:58:50	15:59:44	16:00
07Aug95	NOAA-14	1707.0000	17:33:13 <sup>0033</sup>	17:41:01	17:48
07Aug95	NOAA-14	1707.0000	19:15:03	19:21:14	19:27
07Aug95	NoAA-11	1698.0000	21:04:51	21:11:48	21:18
07Aug95	NOAA-12	1707.0000	21:53:56	21:59:30	22:05
07Aug95	NoAA-11	1698.0000	22:44:52 <sup>0632</sup>	22:52:20	22:59
07Aug95	NOAA-12	1707.0000	23:32:06	23:39:41	23:47

07Aug95 passes = 21

08Aug95	NOAA-9	1707.0000	00:07:11	00:11:58	00:16
08Aug95	NOAA-12	1707.0000	01:15:34	01:18:41	01:21
08Aug95	NOAA-9	1707.0000	01:45:01	01:52:51	02:00
08Aug95	NOAA-9	1707.0000	03:27:57	03:32:36	03:37
08Aug95	NOAA-14	1707.0000	04:50:40 <sup>11:58</sup>	04:58:13	05:05
08Aug95	NOAA-14	1707.0000	06:32:20	06:38:57	06:45
08Aug95	NoAA-11	1698.0000	08:22:18	08:28:41	08:35
08Aug95	NOAA-12	1707.0000	09:07:57	09:12:28	09:16
08Aug95	NoAA-11	1698.0000	10:01:15	10:08:51	10:16
08Aug95	NOAA-12	1707.0000	10:44:00	10:51:40	10:59
08Aug95	NOAA-9	1707.0000	11:25:16	11:29:19	11:33
08Aug95	NOAA-12	1707.0000	12:27:21	12:31:59	12:36
08Aug95	NOAA-9	1707.0000	13:01:11	13:08:58	13:16
08Aug95	NOAA-9	1707.0000	14:44:22	14:49:46	14:55
08Aug95	NOAA-14	1707.0000	17:22:31 <sup>0022</sup>	17:30:12	17:37
08Aug95	NOAA-14	1707.0000	19:03:54	19:10:32	19:17
08Aug95	NoAA-11	1698.0000	20:52:57	20:59:24	21:05
08Aug95	NOAA-12	1707.0000	21:33:52	21:37:35	21:41
08Aug95	NoAA-11	1698.0000	22:32:23	22:40:03	22:47
08Aug95	NOAA-12	1707.0000	23:10:17 <sup>0610</sup>	23:18:00	23:25
08Aug95	NOAA-9	1707.0000	23:55:34	23:58:51	00:02

08Aug95 passes = 21







070744

11Aug95	NOAA-12	1707.0000	00:07:16	00:14:15	00:21	26
11Aug95	NOAA-9	1707.0000	01:06:14	01:13:49	01:21	36
11Aug95	NOAA-9	1707.0000	02:47:16	02:54:03	03:00	19
11Aug95	NOAA-14	1707.0000	04:19:18	04:25:59	04:32	15
11Aug95	NOAA-14	1707.0000	05:58:52	06:06:22	06:13	38
11Aug95	NoAA-11	1698.0000	07:48:11	07:52:09	07:56	4
11Aug95	NoAA-11	1698.0000	09:24:07	09:31:50	09:39	72
11Aug95	NOAA-12	1707.0000	09:40:23	09:46:49	09:53	17
11Aug95	NoAA-11	1698.0000	11:07:20	11:12:40	11:17	8
11Aug95	NOAA-12	1707.0000	11:19:04	11:26:27	11:33	38
11Aug95	NOAA-9	1707.0000	12:22:54	12:30:08	12:37	28
11Aug95	NOAA-9	1707.0000	14:03:20	14:10:32	14:17	25
11Aug95	NOAA-14	1707.0000	16:50:48	16:57:38	17:04	19
11Aug95	NOAA-14	1707.0000	18:30:49	18:38:20	18:45	38
11Aug95	NoAA-11	1698.0000	20:18:40	20:22:05	20:25	3
11Aug95	NoAA-11	1698.0000	21:55:17	22:03:07	22:10	70
11Aug95	NOAA-12	1707.0000	22:06:20	22:12:37	22:18	15
11Aug95	NoAA-11	1698.0000	23:37:26	23:43:03	23:48	10
11Aug95	NOAA-12	1707.0000	23:45:13	23:52:40	00:00	42

11Aug95 passes = 19

12Aug95	NOAA-9	1707.0000	00:53:33	01:00:46	01:07	26
12Aug95	NOAA-9	1707.0000	02:33:58	02:41:09	02:48	26
12Aug95	NOAA-14	1707.0000	04:08:58	04:15:16	04:21	14
12Aug95	NOAA-14	1707.0000	05:47:50	05:55:32	06:03	49
12Aug95	NoAA-11	1698.0000	07:37:36	07:40:02	07:42	1
12Aug95	NoAA-11	1698.0000	09:11:51	09:19:32	09:27	52
12Aug95	NOAA-12	1707.0000	09:19:57	09:25:19	09:30	9
12Aug95	NoAA-11	1698.0000	10:54:07	11:00:14	11:06	13
12Aug95	NOAA-12	1707.0000	10:57:06	11:04:42	11:12	69
12Aug95	NOAA-9	1707.0000	12:10:23	12:17:14	12:24	20
12Aug95	NOAA-12	1707.0000	12:42:06	12:45:08	12:48	2
12Aug95	NOAA-9	1707.0000	13:50:00	13:57:30	14:05	35
12Aug95	NOAA-14	1707.0000	16:40:19	16:46:45	16:53	14
12Aug95	NOAA-14	1707.0000	18:19:49	18:27:34	18:35	49
12Aug95	NOAA-14	1707.0000	20:05:11	20:07:09	20:09	1
12Aug95	NoAA-11	1698.0000	21:42:58	21:50:46	21:58	51
12Aug95	NOAA-12	1707.0000	21:45:46	21:50:44	21:55	7
12Aug95	NOAA-12	1707.0000	23:23:21	23:31:00	23:38	7
12Aug95	NoAA-11	1698.0000	23:24:34	23:30:52	23:37	1

12Aug95 passes = 21



UNLISTED!

TEL

002-1-(602)

TELONICS

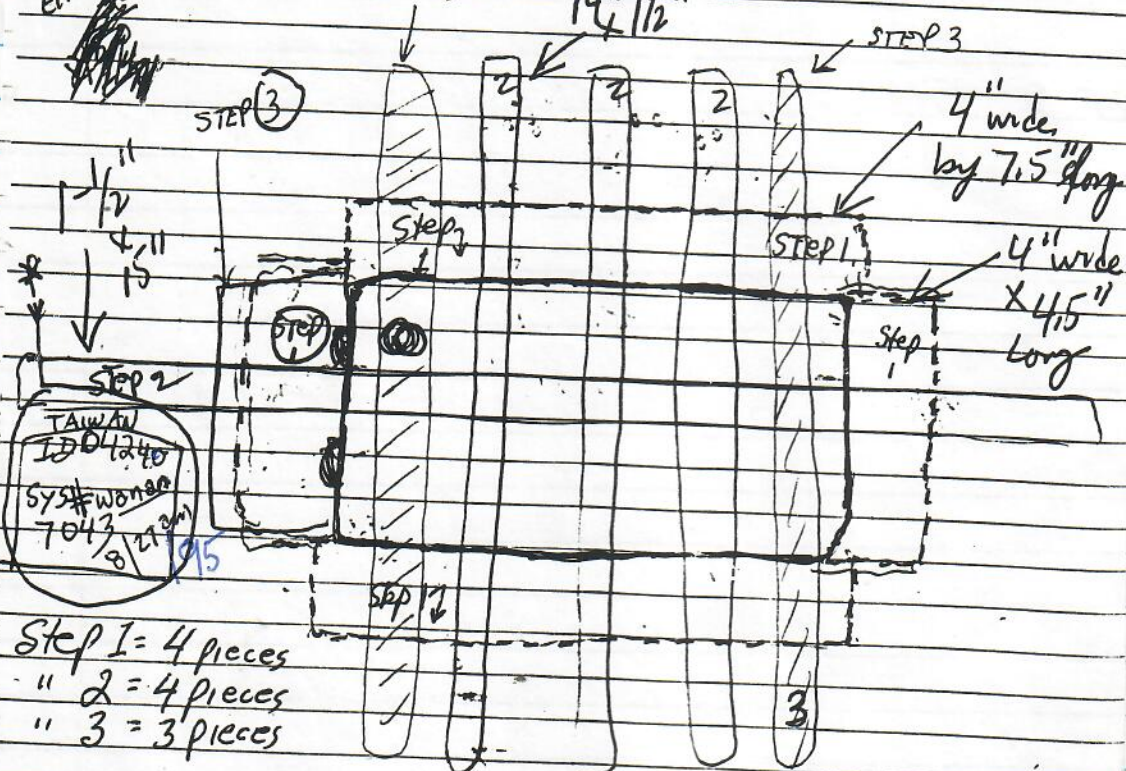
892-4444

MASKING TAPE ON SCREW HEADS

Removal

catalyst	10	402	Elastomer
drops	45	402	polyester (laminating)
	25	202	polyester (sanding)

Silicone elastomer



- Step 1 = 4 pieces
- " 2 = 4 pieces
- " 3 = 3 pieces

Step 4 = "Sanding" coating only  
 NOT cloth  
 11 pieces cloth TOTAL.

Beach

NIGHT (2)

8/5 - 8/6/95

Name Need - Fresh water

for ID 4240 TURTLE - TAGS: TW201 - TW204

94.5 cm ccl; cm SCL =

GRAVEYARD Beach

Wen San Kung

萬善宮

Named after small Temple on bluff - Dead person washed up on beach.



Northwest<sup>side</sup> end of Wan-An

Hotel: 石川渡假村  
Rock and River.

<Yen Chun Du Cha Tsuan>

ONE OF 8 GODS:

God: 玄天上帝

Shen Ten Shan Di

With a turtle under the right foot  
and a snake under the left foot.

~~cut~~

Michelle Lin. <林若怡>

<Home> 4F. No. 8 45th Lane  
Long Chang Road

Taipei, R.O.C.

<Office> Liberty Times.

Nanking E Road. Sec. 2.

No. 137. 11F

Michelle Lin. <Travel and Leisure>

SUN  
TRANS  
NIGHT  
6 AM  
SUN

Recommendations  
Lefter

1994  
4  
74mm = 100  
1994



Sono TEONICS

Sono <sup>TRANS</sup> <sup>mitters</sup> attached

TW 201 RFL TW 204 LFZ ST-14  
TW 202 RH TW 203 LH 3/3 godays 57  
ID 4240

NIGHT (2)

Green Turtles (綠海龜)

SYS-3657854  
6/20/95 BATTERY  
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6 AUGUST 1995 Lue Shi Gwei  
Sunday (STONE TURTLE)

(Name of temple on bluff - after dead person that washed up on beach)

Trouble w/ elastomers curing too

Start attachment at ~ 6am. Turtle seen nesting ~ 4am - I watched it close on the beach w/ L.I. covering. Certainly appeared to have laid eggs. But later Cai - I tried digging for an hour to locate with no success. 2 hours to attach. Photos. SonoTEONICS attached wire - 11th marginal Right #2-4-9. 6mm skin biopsy left shoulder. Released ~ 8:30am without taking off masking tape off of screw heads (salt water switches).

Need recommendations letter

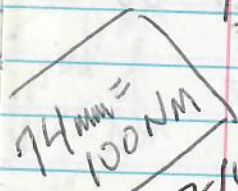
By noon, Mr. Yang reports turtle 3 miles SW of Wanchan - 27m deep - staying in same general area.

1994 4240 Turtle:

1994-	9/15	24h	15mm
	9/16	36	22mm
	9/18	34	18mm
	9/19	24	23mm

1994 6635 Turtle:

9/9	24	9/10	21mm
9/10	15	9/10	12mm
9/10	8	9/11	15mm
9/11	16	9/12	10mm
9/12	11	9/13	14mm
9/13	106	9/17	12mm
9/17	7	9/18	10mm
9/18	19	9/18	17mm
9/18	24	9/19	18mm
9/19	9	9/20	14mm
9/20	16	9/20	11mm



1994 6635

9/20	34	9/22	24mm
9/22	15	9/22	15mm
9/22	48	9/24	30mm
9/24	34	9/25	12mm
9/25	35	9/27	19mm
9/27	34	9/28	21mm
9/28	22	9/29	15mm

78mm = ~100NM



$173\text{mm} \div 74\text{mm} = 2.2 \times$   
 $100\text{NM} = 220\text{NM}$   
IN 192 hrs.

ALONG LONGITUDE  
OF  $174\text{mm} = 100\text{NM}$

(about 29 days)  
686 hours  
Subtotals

9/29	5	9/30	4mm
9/30	29	9/30	19mm
9/30	192	10/8	173mm
10/8	241	10/9	<del>173mm</del> 20mm

$486\text{mm} \div 74 = 6.56 \times 100\text{NM} =$   
 $656\text{NM}$   
IN 686 hours

JUST THIS ONE  
Island  
10/9 - 10/25/94 \* KOSHIKI, RETTO - JAPAN  
(KAGOSHIMA)

" WangAN " = *lesceol*  
Ming Dynasty ~ 1650. General of  
troops to Taiwan. Stopped  
here and  
" Ghost FIRE " - phosporous in bones.

need FIND - Book on Taiwan Religion

Bioluminescence in sand - rubbed turtle shell.

Cable TV ♀ Reporter = <sup>family name</sup> Shu, Witei Ju  
(she)

8/6 -  
8/7/  
BAND  
NIGHT  
(3)

need map  
near of  
Wan-An  
need  
lengths  
need



8/6 - <sup>cont</sup> "ON" 6 AM 8/7/95 Local LC3 at Research Station = 23.357°N 119.496°E 59  
ID 6635, System 365786A

8/7/95  
MONDAY  
NIGHT

Note - plugged hole 0.5 cm diameter, Right ventral ~~at~~ anterior. (?)

(3)

~~AMY WONG~~  
~~new grad. student~~

ECC - 99 cm SCL = 92 cm

INCONEL 681 =

TAGGED  
EARLIER  
THIS SEASON:

TW143 LFL TW137 RFL

TW136 LH TW147 RH

Huilong Beach

Beach is near =

林頭角 "Forest head corner"

6 AM STRET Attachment -

7:40 AM Release.

6 mm Bursy Right Shoulder

Above turtle seen ashore ~ 3:30 AM adjacent to excavated area (sand mining) Huilong Beach. Did not lay (Stuffed her), it tried to crawl back to the water.

Box "trailer" by water cycle.

Should have good photos (prints) lifting box to release photo. Predominantly dark shell - photos series of attachment.

Mr. Yang searched for <sup>ID</sup> 4240 twice today, but it was not located.

Later in the day I saw sand mining - no big of large cement "Jacks" for harbor construction - but "Fang Beach" - with adjacent sign for turtle tourism.

need map  
know of  
Wan An

need  
length map