

OCT 98 - SEPT 99

808) 395-6409

OCTOBER 18



BALAZS

2 OF 2



NMFS, HONOLULU LAF
Marine Turtle Research
2576 Dole Street
Honolulu, HI 96822-2396



Phone Vicki - Penn.
- Dutton - Molly, Margaret?
- Carrie Allen - phone
- EP listerson - Seal P.H.
- J. BAKER
- J. BAKER

24 FEB 99 met with Gene & Margaret - Gill Net Task -
Wednesday Sea Turtle Handling Guidelines

2/25/99 7:30 AM Phone Conference w/ BAS/Theresa
Thursday Kannela, Nitta, JAW, MS, Mike Laura, Pierre, Kevin,
Hooker Skillman, Dutton
J-hook - STRAIGHT SHANK "bought" 9.0 hook
KEM

nearly 300 million hooks Pacific
15 million Hawaii-based
How to cut line off.
Need - Alan's report 39770 ROE, PAUGH Rd
Temecula 92591
699-1386

2/27 Sat. Filisia 55g 49cm RFF injured - tetragenic - Kereshhe MCS
TO MAC.
EU TiW.

2/28/99 ID Cahaina Maui - Russell Sharp
upside down floundering, TO MAC. Breast stake
TO KRF. sick to eating
Release Kawaiiki Beach Park
TS=1 2 #1's ; 1 - suspicious bump eye.

EU

Shippy Maui ID ^{MTRP} 2-23-99 C
2/24 TO MAHAI TO HALAWA, T.W. 63

S - 72.4 x 58.5 170
moderate C 78.9 x 71.5 Box = 52 lbs
~~moderate~~ emaciation TW = 118 lbs
PL 57.4 cm TAIL
TAIC = 78.5 C = 12.5

Need to show

- Milky URINE come out short after eu solution injected. Comatose and limpness very rapid.

EU Necessary
HALAWA, T. work

W case
15178

LFF 4-#2, 2-#3's
RFF 1-#2, 1-#1
LEYE 1-#1, 2-#2's
REYE 2-#2's
NECK 1-#2, 1-#1

Overall
TS = 3

LJH - 1-#3
RSH - 1-#2
TONGUE - 1-#3

4 Biopsies of
SKIN w/ dense
BAEMACOS
w 10% formalin
2 bottles

10.7 head 12.3 RFF
PRINT photos of mouth - Tongue TMR
Dense Barn patches
72 hours later
#99 Alcohol

Head scythes in carapace indicative of
shark bite. R 9-12th + R P.C. ~~state~~
bent/broken down but healed - old
injury

64

Need
Sat. Trans. kit

"Living with"
for turtles

PATIENT
Advocate

2/25 Dave Smith Tribune Herald
Telson ^{Abstract} ^{as Hawaii} ^{inquiries} ^{IDE} ^{for} ^{news} ^{at} ^{Shanghai} 935-6621 961-3680 ^{tribe} ^{interpac.} ^{net}

Video TUG of Way - The Story of Taiwan
Taiwan's Tragedy China 700 ^{Fundings} ^{Evergreen Group} ^{etc} ^{INTERCK} ^{Fomosa} ^{planting} ^{US}

see p.28
p.58

"Taiwan people have always been the victims if one country won ^{give} the war, Taiwan was ~~always~~ given always to the victorious country as a prize"

to be different ^{to} ^{near} ^{to} ^{China} Taiwan's history begins with geography. Taiwan is a small island off China. FAR away TO BE THE STATE. The country For all their history people ^{here} have struggled to maintain an identity.

→ The 90 miles of ocean between Taiwan and China ^{was} is a large, dangerous journey when the first Chinese came.

MO-LIN

Lin ^{was} ^{Wang} ^{Yue} was a girl from a coastal province of China. One day her father and older brother went out to sea. The Chinese brought with them their traditions and beliefs which ^{and met with disaster.}

the legend of MAT-SU who would guard them through the hardships of their new ^{lives}. The girl invoked the Goddess of Mercy and tried to rescue them. Later she obtained enlightenment and became the Goddess MAT-SU,

3-1
8am
888
KE
How

we
cross
part of CH
The
Religion
of the
mirac

The Ho
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W
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their

3-1
8 AM CA → Houston
888-608-1999 CA - Houston
KE 185678
NNSD
Houston

Partnerships for research program
Fibropapilloma Disease of
Marine Turtles

CARIE ALLEN
65

2-28-99
Nicholeidian
"HEY ARNOLD"
Get turtle go!

Grandson
Aquarium

ocean wave 35mm slide
need
FOR MAST TALK - web site

who helps fishermen in danger, IN Taiwan
we say, sailors live in constant peril. "with the have to take
cross. Not to expand the Chinese territory. Not to
expand the Chinese sovereignty, they want to
escape the misery of life in China. even
The ambiguity permeates everything today.
Religious life. At the annual celebration
of the Goddess MATSU's birthday, people argued
miracles she had performed for her followers,
wonder whether the many
made her truly Taiwanese.

✓ MATSU should be
venerated as a link to China of
The Han people first settled in Penghu some 800 years ago now
* (time) than 400 years before they set
foot on Taiwan.

• Many temples in Penghu conduct turtle
worship RITUALS during the lantern
festival which is the most important festival in
Penghu.

The residents of Penghu believe that the
sea turtle is an auspicious creature
blessed with good fortune. They pray they
workshop for peace, prosperity and longevity.
They worship these creatures for

• During the worship ceremony, the believers
also ask favors or seek guidance
from these divine creatures. Others are held to show
their appreciation for granting their wishes the previous year.

FUJIAN
66

(From p. 65)

NOTE

Most of the Penghu residents are descendants of ^{CHIEFHO FROM FUJIAN} mainland China. Despite changing times many of the traditions, culture, practices and beliefs still remain.

Indeed, the sea turtles have a special place in the hearts of local residents.

Fireworks and celebrations make use of this sentiment.

14 days before is the day before the festival?

14th day of the first month of the lunar calendar, the day before the lantern festival. It was a festive atmosphere that greeted us.

DIWIDED - TO DISCOVER intuitively

WEBSTERS

AUSPICE - "DIVINER OF BIRDS"

AUSPICIOUS - "AFFORDING A FAVORABLE AUSPICE"

DIVINATION - "The art or practice that seeks to foresee or foretell future events or discover hidden knowledge usually by the interpretation of omens or by the aid of supernatural powers"

WWW. MA-TSU GODDESS. TURTLES.

(A possible URL name)

5,000
4,000
est. = 9,000 miles IS. PARE TO PENGHU

We are honored to be the first sea turtles biologists/conservationists to witness ^{no participat} in these ceremonies ^{powerful rituals} and to provide an account to you here today - Almost exactly ONE LUNAR YEAR AFTER OUR VISIT.

STRUCK by the openness of the people - our being welcomed to the temples - especially from my perspective as a visibly recognizable outsider. All to these islands were at one time, outsiders!

By all accounts, MA-TSU has given the people of Penghu and all of Taiwan safety, prosperity and - although fragile in world politics - peace. Is MA-TSU today a link to China? Or has she become truly Taiwanese, as the Goddess watching over all the different people living today in Taiwan?

FROM A
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Essay by Cyril Watson: "We are the pattern-makers, the watchers of the world, sorting through the entrails of the earth in an endless search for meaning. It has always been this way, as though consciousness carries with it the penalty of a pressing need to know."

"So we look for signs in everything, reading nature like a book, hoping always to raze across some sort of message hidden between the lines. Some clue, some hint of direction, anything that will make it easier to understand who we are, and what on earth we should be doing."

There are no easy answers."

CULTURE - EVOLVE, Adapt, integrate, absorb, evolution, expand

BALI - lead-in: LIMPOS & BAZARS (Suganama and Kamezaki). AT LEAST 20 years earlier

more needed in Reports etc. take ea turtle conservation. SACRIFICE ^{sent a book} turtle sacrifice ^{all in Chinese} a few pictures, summary in English. "Rudloe - touches on some"

CULTURAL SIGNIFICANCE: Community participate; Building capacity; "CHINESE RELIGION"; Folk Religion;

PAST INTEREST: Polynesian - HAWAIIAN - TANIATION - TUAMOTUAN, IFAI-HAWAII, STONE ALTARS "MRAE" ACCORDING TO EXACT FOOD

KNOWLEDGE: Symbol of CHIEFS - ROYALTY, TWILE STONES - Tended to ensure abundance

WEAVING - POLYNESIA - WITH - PENGHU (CANAL HAWAII) MOTHER OF THE ISLAND BORABORA, STONE BROUGHT THERE BY GODS - SOURCE OF SEA TURTLES

TUAMOTU - Spirit of an Ancestor will bring a turtle ashore for descendants. HAWAIIAN - FAMILY AMUKUA PERSONAL DIETARY INTERESTS

PENGHU - Sea turtles have a special link with length people/gods, and especially with MA-TSU, - NAVIGATORS, OCEAN PASSAGES, SKILLED ISLANDERS

LANGUAGE - A FACTOR IN DEFINING CULTURE. SPOKEN WORD - MEANINGS. MANDARIN - TAIWANESE, PENGHU LANGUAGE, ABORIGINAL PEOPLES OF TAIWAN

ASK FOR THE HELP OF A HIGHER POWER - OPENING PRAYER

SPREP - Always open all workshops - For ones dealing w/turtles pray for help to conserve and manage them properly (as animals entrusted to us by God)

"Good Morning" in Chinese = Celebrate / Commemorate
Cultural Significance of Sea Turtles: Rich, Diverse, Deep

MA-TSU 1960
BIRTHDAY
W/20
*TAIWAN BOOTH

Sign in Temple - Chen pointing to
"Ma-tsu" was the most respectful
navigation god in the south part of China.
Matsuo Religion spread to Penghu
with the arrival of the immigrants
from the south of Min (FUJIAN)
Province at the end of Ming Dynasty,
later on spread to Taiwan and then
later other parts of Taiwan. Ma-tsu had
gradually converted into a patron
saint to the people.

Chinese Sign by Rice Cake Turtle (Right) "happiness,
handsome salary, long live, Joy"
Chinese sign to right - try name!

LIVING YOUR CULTURE
CULTURAL HERITAGE values/significance/importance
Religious structure

We share common elements
with people of Penghu
DO NOT IGNORE THIS CENTRAL ASPECT

THROUGH EYES OF PERSON OF WESTERN HERITAGE LIVED 35 years
I'M RESPONSIBLE FOR CONTENT THANK CO-EDITORS
FOR ALLOWING FREE REIGN TO PRESENT IN THIS MANNER.

SUMMARY - MA-TSU / TURTLES
PRAY FOR SAFETY OF TURTLES & THEIR PEACE

ed
Saron
WRAP

ARRIVE
MARCH
SHIPPY

3/6/
Saturday

Quest

UKP

(need) - EVA di (CO); Patrick Ching 259-5354; Lauri Allen;

Silver Wings = 800-720-1765

letter to Abecrombie

Red The color of life, Hence Good fortune

need Ancient codes of LI

Soran Polytheism of Chinese Religion

WRAP

Sea Turtle conservationists, Sea Turtle scientists, need to be aware of the traditional religious practices in the Pacific Islands you are now. pictures for everyone.

9th Annual Sea Turtle Symposium
Arrive 3/1 Monday pm; 3/2 - Kemp's Symposium; 3-5 March; 3/6 MTSG
Marc Rice, Denise Ellis, Sarah, ERICA DAVIS, Katie Harrington
Shippy Han, Terry Spraker, 3/7 Depart Sunday AM

3/6/99 MTSG meeting - need Saturday

→ <http://www.tortugas.vam.mx/mtsg> ←

workshop
need Sea turtle GB& BAS. techniques - results

Portuguese Global Strategy

Question - Turtle Hospital - Symposium presentation? See Alberto Chiriza copy. final report? etc.

UKP - Video of posters?

KIKI - Indonesia FP need

- Send purchases to Felix JAVIER

Spiky / Over Rene Porfuo meeting DATE

70
3/4/99
Thurs

1) Need more Biopsy - a few turtles individual
Corynops (all throats)

2) Casey abattoir
3) at May early June Terry Spolner Denise Spolner
4) up to second week of June

0 AXA
August forest trans 2-4 Transmitters → 4) daughter
Charlie Manolis - attach stuff send
- need Lucy email photo of Kermans Tumor
FP stuff

Denise need - I-Juan - Graphics for 1998 2 - Tams
Soddie Curry - email send congratulations • copy Add to?
\$4K Small Grants - Transal what?
Dutton Pushpalatra? → TO San Diego? #dark just?
Julia - Curtis combine w/ Honolulu Trip
- Slice Time & Mark to press
- web site Australia FP photos Twitter.org sprake, abattoir

• Jeanne Mortimer - BW hard copy of all 5 migrations captured
Stanley Desilva - MD? address phone

Denise Shaw (Regression statistics on strand data)
Blanked BW versions
Insulator to Julia
Pay Julia P.O. EMAIL

- Charlie - Reports talk to persons cultural significance
See Turtles WWW, Extreme.net / Minsky
CTurtle - TATTOO'S Mike Malone
Peggy's Tattoo - Symposium @ ~35 Blood Right side
of back - Stylized Sea Turtle, Jailer Jerry's

Charlie ask

Handwritten notes on the right margin, including a list of names and symbols (circles, dots, stars) next to them. Some names are partially visible: "cattalou", "ee:", "poster", "Brazil", "P.O.", "T", "L", "XBA", "YV", "TV", "Pic", "FF", "Need", "Co", "S", "T", "husband", "Post", "Peggy", "FP", "file", "NI", "EM", "Dat", "E", "So", "Vic", "Den", "Co", "Ch", "AM", "JA", "And", "Tis".

have holloway

CHRISTIN FICK - need FZ

PK has it even submitted call me TOAIC

Decilia Baptstotte

DEP email
Beth Allen Foley

Harshbarger
Pony
RTLA

re: poster on Brazil FP

~~TAMARES @ TROPICAL.COM.BR~~
TAMARES @ TROPICAL.COM.BR
P.O BOX 105, LINHARES-ES CEP 29900.970
Fibropapilomas in Brazil.

- Trace of GDBAE TOBAS need handbill
Limpus Arabic/Chinese versions Global strategy

- XBAS/GHB web site for Caribbean FPR
- Yvette - Doing samples not possible. RAY - email work? ^{what tweets .org?}

- Tube fed to HL # 80471346651 to myself 78597 ^{pick up 15 3/8/09}
- Picture of MATSU in Proceedings?

- FP poster in X'CACEL - Mary Louise Whitlow
- Need - email Casey AA, Sprakes

- Cozey - Abstract? take from poster? Tree?
- Sadie - congratulate + well email address + FP biblio
- T.W. abstract need bar graphs?

poster
Poster
Poster
FP

Dave Benner - Thomas Dellinger
Mary Louise Whitlow X'CACEL - send FP things
3224 BRYN MAWR, Dallas, TX 75225-7645 (214) 368-5535

- Felipe - biopsy punches
- Nick Pitcher - need official letter invitation
- EMAIL TO GERI DAVIS

* Dates to Limpus early June
* EMAIL ALBERTO EC Members ROD White for white
- Sarah tracks - send see website. Thank EMMA
- Vicki - PIAO Hike to GB

Need - Denise - MS Jeff Geostrophic - how? poster? Jeff - MTN comic comment note
Need - Castro Cigar MTN note CTW/ie

- EMAIL BAS/yvette/Holloway/JAN/TOMO ^{ostrich's diet}

for DNA - Andrea - Ship Texts green
- Tissue from FL ^{Flipper} used in side-by-side video

JK PL 61 gate 510pm

72

Peter Ursula
www.turtles.org

CLADRE
Demur
as OA
PDP LK
R 928 1050 PM
E 4226F

Put 16th proceedings missing paper.

3/9/99 (Kurt) fedex # 807328874619 Bank check from
1 Bryan Barclays 00909063 \$2342.79 Mottimes

3/9/99 Shark attack - Ed Tanji white shark?

send
Shank
assist

BRUCE BROWN 575-2635
1280 KAUHIKOA Rd. FAX =
HAIKU, MAUI 96708 575 2497

3/9/99 Telecon Heil A REF? outdoor LIFE NETWORK
Chuck Webb CHRISTMAS FILMS

3/9 Tuesday met with R. Shallenberger
Midway project,

3/10/99 KBAY census Ad (12 seen (3 LARGE!))
5 captures - 3 c" Res / 2mm, 1 no
AT HALAWA Froren Turtles, 1 ridley
w/ T. Work, Hui-Ling Wang, Hui-Shu Wang, Shandley
Rebecca Wang
Hui-Lin Wang
Amy Wang
DNE, Me

3/11/99 Bob Renner. Print photos of month tumors. Amy & Rebecca

early 3/99 SAT. "24" 19597
KITS used/deployed AND "CC" returned
19602 24/216

TI
GE
F499 MA
1) J
2) U
3) M
4) I
5) V
east project
Autobon
Story
a little
INdependence
regarding
Landy
3/8 R
Telecon
3/11
3/15

There will never be a time when you ~~will~~ ^{will} get done / Accomplish all that you want to ⁷³

Fy99 MAJOR PROJECT ACTIVITIES - Time running out - enter 6th month of fiscal

(Research collaboration - Credibility - Continuity - ^{collaborations shift to something else} momentum progress)

- 1) Dinoflagellate Toxic Algae, sick habitat link w/ FT Grad. student / Sample analysis
- 2) Viral Screening / sample analysis - Jim Casey - Ron Lu
- 3) Moxys Pacifico - Histo - Biochem - ~~all~~ hematology - Travel ^{contract to Agumbe}
- 4) Immunology / Parasitology USGS Nat. Wild. Health Lab
- 5) Visiting Sea Turtle researchers - wtoexchange Travel

East Project

Janette Recouchio (508) 495-2343

Audubon Magazine
Story
on
Turtle
Independence

My address:
1246 Gregory, Wilmette IL 60091

Carolyn Arden Malkin
ph (847) 920-1392
fax (847) 920-1393
arden@interaccess.com

Regarding

~~Randy~~ 5/8 Randy ^{Homebunk 587-0111} STING RAY - MOST likely a ^{NOT} Shark Attack

Telecon (Sent)

3/14 Walter Von ^(sent to) for a friend
2104 Wilder Ave
Honolulu, HI 96822 Turtle literature

3/15 ^{TD} 2-28-99 - Release Maui Lalaina at
Kauaikui Beach Park by Denise & Kristy.

understands
74
propose
Video Group
Eric Forsberg 879-8965 MAUI
Gretchen Miller (323) 464-8429
AGUAMUT Video
8946
3 files
harbor
branch
lines cut?
coils - mile?
Jenette
FAX
talk

3/12/99 ID photos 210 lbs left Shark bitten Maui Kihei
Necropsy TiW. 3-17-99 HACTWA . me.

Jay
Linda Torres Torres - @ epic. 7. dep.
State. Fl. US 9am - 1pm FTIME
Set up FAX (727) 896-8626 ex 2046
Karen - ET 1524

3/19 message on recorder
569-6908 page
Animal Science Grad. student

3/18/99 ID ACAMONA beach Park HACTWA
TW me w/ TiW. Ronko, new Chinese woman
Hawaii necropsy PV. Photo-Head on back, Left Profib?
SKIN 3 carapae saw brospies w/ bann wide.
10% formalin. Intestines - Intestineception
guts climbing fishline.

GS. deSilva, 10 BALDOON Rd., Scarborough, Ontario
M1B 1V7 Canada Tel. (416) 293-8592
FAX (416) 594-8056 Attn. Rohan deSilva

3/22 Telephone Message - need video of hooked leatherback
question = Bind trip w/ logger heads taken
597-8865 his office
LARS BRIAN McNAMARA - former observer
3/29/99 hallway discussion w/ Mike Lewis (need follow up email) Garcia Co.

Species
files
eml
of
Ten
1990
Biology
Kyl
KIT
TT
W
25-
Wed.
3/29
3-30
Jes Mee
Need
Sandra
Scan

"Species" articles I wrote - enter into my pub. list

Chicago Tribune 2-16-99

Short stories
Solid turtle catching use
Coast style

Balazs György

MIDWAY NEEDS KIT

Notes of deployment
"do" notes
Lysol

- PIT TAG Reader, PIT TAGS, Midway DATA Book
- DATA Loggers onset; Bleeding gear - button? • PAINT, Line
- CALIPER; TAPE; Scuba gear Rob? Bleeding, caliper, TAPE
- Moto tools; • Blood kit; speculum, lead for PVC, speculum
- Tumour Score PAPER; DIGITAL & Regular camera; DATA form
- Film; plastic tubing; Tumour Score sheet; zipper bag for data

Biopsy gear

Rosenburg
45 MWI
photographer Art outlines

737-2237

Tues. or Wed.

(KIT)
TT
UU

to observer program 3/25/99

25315 2/4 428449 ST10

25316 2/4 430354 ST10

25-27 MARCH 99
Wed. sat.

Rob Shallenberger, Bruce Vandertul
Nancy Hoffman, Cynthia/Suzanne
Training: mototool, baskets, Scoop
wet = 10 (3 recaps from 10/99)

MIDWAY

3/29
Feds to Dutton w/ Biopsy samples =
Midway RBC, Stranding/EUs, RBCs, LL biopsies, (see sample list)

3-30-99
Tues Meeting FWS office.

Lee Ann Woodward - Julie, Hal, Richard
Chuck Maxwell, Shannon, Vanessa
- A correlative study, TIMES & CONTAMINANTS
"cooperators" - nests/nesting record - CONTAMINANTS
codium - Pb - Mercury

Need Sandra Scan

2 Techs
Are contaminants being transferred to eggs?
- Nest Sand contaminants
- Hatch Success correlated w/ hatch success.

VIPERIDE
76

Sea Turtle Satellite Tracking: Bringing people Together for Conservation

Some aspects of sea turtle conservation

ID's N

19601

19606

and research in Oceania

Att = 890-545-4387

JAN yette R 14433

call

3 EST 5 April 9 AM

RAY - (352) 846-0545

JAN - (727) 896-8626

3-30-99

need - Jeanette Wyche

AWATONY manual

need clean
w/bruis

need - serum, biosis, Tern eggs, sep ratio

3/30/99

KRF meet Bob Morris and Shannon to examine 2 amputee turtles and Maui spear head. (chun) amputee taken by him back to MAC. (small) one to inside tank. Both strong. ID's

3-31-99

Both above amputee turtles to f2. Bled. 4/1 Release at Kawaiiki Beach Park - 3:30pm

4/1/99

Barbara Tang - Animal Services Re seal parasites

4/1

Phone message from Marty Wisner - 3-3 year olds returning from Okinawa 200 (70 AM, to Mewa Lani.

Modeline Scherman - FAX 262-2003. phone 262-6200
Also listing inside

Give
Theurin award

4/5/99

Sunday - Bamboo Ridge Rice cake Turtles w/ to the Sea photo taking - Lenny

4/19/99

Blood from KRF 4-4-99 Lahama

592535
JOBART

Room 508
PAUL
field

Need
John NUR
photos

GUAM

SSN
SSN
G

Page 27

surfer fo

CHING 535
259
DUBATT

5/8 UA934 7AM

5/16 UA9301 745AM

NL38T6

until 3/27
need more
TIME

www.efsworld.com EFS EDUCATIONAL FIELD STUDIES INC (800) 638-4750 FAX (407) 556-7735 77

Room 508 Hampton Inn Lake Buena Vista 8150 Palm Parkway, Orlando 32836
(800) Hampton (Ask for MCO LV) or (407) 465-8150 (407) 465-0150 FAX

PAUL's
FL field trip Delta FL 16
MRS. VALARIE KOIDE MR. GASTON GASLIN
800-221-1212 2914GX.D
6:19am → 7:30am Jesse Telles
CHAD REIS

→ ANDA CO 27th 6:45pm away #400 Continental Home → new Orleans

Need Felch + Barbados sample
John NUTN - NWM FAXES - (703) 990-4744; (703) 827-2585
Photos Tim Clark (409) 693-3333
Gerry Davis
GUAM (671) 735-3984

SSN #914-01-2816

SSN #171-52-3647
GUAM 13° 29' N

Sat. 4/17-4/19/99
Pushpalatha Palaniappan
GERRY DAVIS MONDAY 4/19-
1440 45E 4/1999

Page 27 quote of 1990 Tumor workshop by Samuel Botley Blight of UN Blemished
1998-99 = 351 tentative Heron Island g.t. nesting
writer for Plowe-

Sea Turtle Research, Conservation and ~~Conservation~~ Cultural Significance in Oceania

RON (YUAN LU) JIMAR #2102 (monk seals) #14K

MR. HIDEO YAMAOKA
New JBA president
Replace MR. NAKAKOGA

Any time except
LAST week of
each month
KIRTIS
BARBADOS

-100% deducted
78

PPA

figure FP
2500
Accomplish

3 Approaches TO
Research

① BASE FUNDING - VS -
② INTERACTIVE Competitive
INITIATED FP Research
with NMFS - GB & SP

need for
osha

7 JAN

4/6
TUES.
Sent

Year	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999
1.0	-45+20	-45+20	-45+20	-45+20+54K	-45+40 +47K	-45+40 +47K	-45+40 +47K	-45+50 +41	-45+50 +41	-45+50 +41	-45+60
2.0											
2.5											
3.0											
											905K

100K TOTAL
this year
100K
STRA
119
119
132
132
136
136
136

24PK
5030PP
50% other

MY TIME =
FP; Bio/Ecol; Fishr.
Monitoring FFS;
SAT. TRACK;
INT. ASSISTANCE
STRAND

Mont seals
ACCOMPLISH
Mammals -
All Sea Turtles -
Salmon
TED development
Need comparison

2 STMAPS =
40K each
weave all
GBB = 90K all
pairs

50% of PPA
2nd
33% other
for FP
in PPA

7 JAN 96 ^{was} update SHARK ATTACK NAMES, DATES, CATEGORY LOCATION

ed
51
na

~~4/20/99~~ AUA MOPNA Life Guard Station
 TUES. statn "B" Hang out "standing" offshore reef.
 sent Helene Phillips
 3940 B Hardy
 HOND/UV 96816 D

[Faint, mostly illegible handwritten notes and bleed-through from the reverse side of the page.]

80 Geb
 5,000 Temples
 200,000,000 people
 -1999
 960 > 1031 years
 crossed Taiwan Strait
 -Dietary Beliefs
 -believers
 -Followers
 4/10-4/11 trip See me 4/12? Summer?
 0931817526 42 min
 4-26-99
 330 pm
 695-4/21/99 FIRST South
 3559 Swell of

EVA
 AIR

Howard Plaza Hotel 02 27 00-2323
 FAX 02 2700-0729
 WWW.CHINATIMES.COM.TW/ENGLISH/ENGLISH.HTM
 Guardian protector for forces of the Sea. Guardian of Taiwan

TPHS 6/12/99 6PM Smith's Ranch
 #29 Till April 30, then #35 check to
 29 MMS HSR, P.O. Box 221232, Newhall CA 91322

TAIWAN - Gifts cost 200
 # to my bank
 # bank
 Business Postcard Cards, Digital Photo Finish, Frozen Rice, New Taiwan Book, Maps
 Tape Player, Tape, Global Star, English/Chinese Cards, Dictionary, Air tag
 Penghu Temple photo discs + cards

9-16 APRIL 99 official travel
 EVA AIR TAPEI
 International Workshop on the Migration, Foraging
 Habitats and Nesting Ecology of Marine Turtles in Taiwan
 12-14 APRIL Taipei



20 APRIL 99 KBAY
 TUESDAY - 6 Captures
 3 MARKS, 2 Reef 42
 (4 TIME / 2 NO TIME)
 Gerry Davis, Pushpa, Palaniparan

Julie Rochio, T. Work, Vanessa Peppig, Denise, Shaun, Selva
 Sealife Park 4/21/99 Wednesday
 Bled 3 turtles. Double pit tags
 in all that had no pit tags.
 Blood Banked
 "G" & "V" ♀s
 Chuck Monnett
 Home 484-2309

Margorie Freeman FOX-TV
 323-969 0366
 4/22

4/24/99

TO B

4/21/99
 wed.
 4/28/99
 Wednesday
 Scrubbed

Allison = (41)
 Dave John

Feder u
 4/29/99
 637

EVA
AIR

K221 2:35pm
Friday

CEPSTA Record
Locator

Computer DMAC
GCB

PENGHU

800-695-1188

Photos
Mark
Hutchinson

TAN SHU
CITY

81

4/24/99 KEITH LEBER via Pres 4:15pm 956-8694
Bob ^{MORRY} Greens 538-9011 Kmt 58

Pushpa Room ^{connected thru} 308 944-7922

8 vials (5 vials, 3 glass JAR) 4/23/99
TO Bill Newman Fedex # 807328874001 Pick 194

Midway - ID 414A375536 Alcottol only

ID 414B3E6E3D Alcottol only

ID 413B132541 Alcottol only

AZAMANA Beach PARK ID 3-18-99 ← 1090
(ID TW 15183-0) FORMALIN

Spreckelsville, Maui 1-25-99 - Formalin

Kihui, Maui 3-12-99 Formalin

Punaluu, Big Is. 2-17-99 4104237014 Alcottol only

Midway 3/99 #414A375536; Midway 3/99 #414B3E6E3D Alcottol only

4/21/99 wed. Received Leatherback dead - CC fishery
Vessel "Catherine III." 163165

4/28/99 Wednesday KBAY Jill Zamzow, T.W. DME, me
Scrubbed for MicroMolluscs. Collected Amphipods - Frozen
60 min Scuba me.

Allison = (415) 929-7056

Dave Johnson FWS

Fedex w/ ^{white} Computers 2 SDRs # 809521715492
^{\$100 each charge}

April 30th 10:07 AM M. Brown

4/29/99

Pickup 637

22533
22535

98-227
98-229

for voltage test

TO Melinda DEAN
Returned - all excellent.

Need - 82

Symposium Abstracts

Fedex
WALMARTO
Fedex Supplies
259-5344

*Need Amphipods

4/21/99
wed
4/22/99
Thurs

- ✓ 1 Balazs, Kobayashi et al 4/7
- ✓ 2 Work & Balazs 4/9
- ✓ 3 Guachenbush et al
- ✓ 4 AA, Spraker et al
- ✓ 5 Morikawa et al
- 0 6 Me-Temple Gods
- ✓ 7 Mortimer
- ✓ 8 Davis Rice et al
- ✓ 9 Schroeder & Balazs
- 0 10 Jutlow et al
- ✓ 11 Peter Ursula 4/9
- 12 obake Turtles
- 0 13 Wobblers et al

Three missing from 16th volume

4/23/99
Friday

4/27/99 Meeting at FWS Contaminants Study
- blood for everyone? Light?

4/29/99

5/3/99 Fedex to Jim Casey

807328874218
Amphipods
4137181230 & 4135446168

BC168	BC141	BK131	BC174
AK534 6/30/98	BC149	BC160	BK133
BC166	BC157	AK547	BC156
BK144	BC167	AK539	AK527
BC158	BC142	BC170	BK139
BC151	BC127	AK533	BC160
EE064	BC147	AK535	BK138
BK134	BC159	BK128	AD851(1)
KA540 #9	AK538	BC172	AK537
BC135	BC172	BC163	BK130
AD875 7/6/98	AK536	AB267	BC162
BK129	BC164	AK547	BC150
KA540	BC148	BC144	BC161
BC169	BC171	BC135	

Oct 24, 98 LFF
 ① - GR #1 Barchow, PK
 J-GR #1 " "
 Oct 24, 98
 Unaffected tissue

Neck
 Oct 24, 98
 J-GR #1 " "
 LFF
 JGR #1
 Oct 24, 98

4-30-99
 4 sent S
 (Cristina)
 4/30/99
 Friday
 5/3/99
 1 hour
 Steve
 5-4-99

(-55)

4/21/99 EV Halawa "ID 4-19-99" + 4 Frozen green
wed. push PA and Twork Halawa SCL=47.4
Gerry Halawa w/observers

4/22/99 TWO Necropsy ♀ ID II SCL-57.5 TW15194 83
Thursday Twork

1) Olive ridley 249 set #4 ACG-TW04
4 Bats, one looking. PYRO + SATPS

2) EV - "ID 4-4-99" SOL-50.6
RFF MISSING, TS-3 KAHALUU, KBA DONNIA
FOITZ
~~MISSING~~ RFF MISSING

- JOE ARCENEUX
- HUGH KHIM
- JOHN BUCHANAN
- JAMES HOANG
- CORRY GABEL

4/23/99 Halawa
Friday necropsy observers present, me, SKAM, Twork Halawa
Leatherback 85.3 SCL Female 163 lbs TW15195

4/29/99 Pickup #120 #807328874067 EV gt.
Feder to Heather Zorn ID 4-19-99/Halawa
② 4-4-99 ID g.t. KAHALUU (KBA) ③ ACG-TW04
3-22-99 olive ridley. Heather Zorn NOAA/ERL
Environmental Technology Lab 325 Broadway Boulder
CO 80303 tel. (303) 441-6456

4-30-99
Sent Sumtall Telesemin. Box 8, Victoria TX 77902
Cristina 800-364-9292 622.167.5679 1-800-606-0046

4/30/99 ID 4-30-99 Reef Runway picked up
Friday by Denise - Massive tumors on eyes.
+ Alaskan green turtle necropsy, TW
Halawa

5/3/99 Telecon Joel Lachovich (352) 367-1973
1 hour 45 min

Steve Kolinski - home 944-7082
office - 236-7440

5-4-99 DANKA KLEBER (617) 627-8349 telecon

Tel: 84 Fox Family Channel "Animals"

4/26/99 Margie (323) 969-0366

need photo T.W. with hands held

Can MTR

5/4/99 Sent

Friedman
China Train Productions
3599 CAHUENGA Blvd West
Suite 440
LA 90068

4/30/99 sent Mailed & emailed

4/27 Sandra 1-800-364-9292 622-167-5679
#40265 Cliff

5/2/99

2nd Sat Joan Choy - FR reproduction, current picture
2426 LOUHU Honolulu 96822
Roosevelt - 587-4600 home - 988-9129

Rental

5-4-99 Becky AHE 293-8037 96717
53-7977 Ham Hwy Poshw Tutlow/Turner
Right across. Saced Falls - right across
mushy - separate location. later TO T.W. EV Not seen by me

need to

#224564 5-5-99 Mailed to him for Kawahoe
onset 30 min TO Meca Rice

need Cousin

5-5-99 ERIC Forney 522-8245 440253, ECF-T019
LH vessel - brought in got. Frozen Set 10

5-6-99 Sat Trans. KTS VVA WW TO observer program
241877/4 19603 24/216
ST10 STD

8-16M 58 AM. Sun PM

5-6-99 ID TO Makai, 5-7-99 T.W. EV. location separately
Not seen by me.

5/18/99 TO Jan Landsberg Samples from RAK/UA
Fedef #8073288.74273
H1 - H8 10 ml 2 ml formalin
+ SL (TOTAL)

5/26/99 Me

5/21/99 Fedef TO Sutton 6 LL DNA Samples
#804766338984 picture 100

5/25 Can

Can MTN #123456789

Pi. -159 = #5B 4-19-1999 AI

FL 934 7AM Sat. 5/18/99 85

4/30/99 ~~sent~~ Jammal Rapoport - Teacher Vickie Newberry FAX 567-6906 307
sent Mailed Busch Gardens Environmental Award Grand Prize 20K 620
& emailed KUMAPU School. IZasnell Rapoport
Numerous items

5/2/99 ~~sent~~ Joe Sylvester South Poi Pu 635-3950
large tumor on head. tag metal tenant saw it
Rental 2737 Milohae Loop gone when he checked nest today.
HOLA 96756 no tag number ever reads

- David Johnson FWG
- Brendan COURTOT volunteer Tern
- Tim Clark (409) 693-3333
- Dominique Aycock

Nick Nicholson
27th TO FFS

St. 26th?

Beverly Harris
VA

need Thursday 4/29/99 HAWAII Tribune Herald
Shark Sighting article

need Cousin
Diane Ruzions 6672 Biect St. Taylor, NH 43180
Sherry - (305) 361-4209
234-5189

8-16 MAY 99 UAE FL 934 JA 7AM depart
5:45 AM. SUN. PM ABU DHABI, QUAEIN, RAK, DUBAI
10512 5-11 deployed nesting hawkzballs
10511 5-12

twitter unimas.my MALAYSIA Symposium

5/26/99 Met w/ Nick Nicholson USFWS hire for FFS

5/25 Carl "Setina" National Audubon Parkside 903
Waikiki Parkside = 955-1567

16th = 160 87
17th = 195 191

Beyond the Sea
86 fiction out few
This magic mount

shrink tunnel need
39 page AA
TW

tw
Bleed-through
tissue blocks

store
DARC
see p. 36

WAPC
gandy-onset
metal detector?
5/15
copy
time up!

Invitation Travel orders AA, T.S.

✓ Herbst
STATS
Article
✓ AA - review
do article
need
invite

New Story
Hires Jennifer Lapott
JENN

Heather Meulemans

8/27/99 Outside Magazine
Thursday Christina

800-688-2433 X280

Telecom
Bollen Hypertrum
Serial Port 9 pin
NOT 25 pin

\$78
Friday TO 6/1
nes
Sday
8 Twines
3 dead
Saline

Yvonne Fernandez - (210) 925-7555 - \$05

5-31-99 Blackie Bell 53-031 Kan Hwy. KANAWA, HI 196717
237-8482
by Crouching Lion flipping over - swimming in water
via party "No obvious injuries"

~~8/11/99~~ 6/7/99 Mike Gilbreath
8-11 June 99 383-2032

sent/ Crop video to Peter Dutton

sent/ Kelvin Ching 239-2823 RBAV STAFF

see
early
LCI?

✓ Herbst
STATUS of
ARTICLE

✓ AA -
do review
article?

need
INVITE

see
early
LCI?

Gitar lessons
Sign lessons - Schol / leaf & Wind

Rich Bill Crowwell
HATS Dec 98 Enely Jupp
photo of KONA
Hooded Turtle.

need
Olive Ridley
bone collection

87

Am. Smog
Humen from Marc Rice / Fish NUM +
SEND PACKET TO ABERCROMBIE - invite
wife

Juarnain
(SUARNAYAN) 24.92N, 52.856E

Rainbow camera 531-4618 802 FSM
Affordable imtgc 236-4445 46-012 ALOLOA

[Faint, mostly illegible handwritten notes and bleed-through from the reverse side of the page.]

See p. 35
88
Hawaii
Matches

5504n 7/5 7/8 615 #118 (Molokai)
Mowd FL 1126 FL 1421 #44 Budget

5-29-99
Saturday

Hilo 6/29 1005AM FL 2046
6/30 530pm #100 FL 77

- ① Nancy Hoffman?
- ② KIRTIS Luke
- ③ Noah Ibechong

- #31 MATIANTU
- ④ ATSER EDWARD (Potupei)
- ⑤ ANANILAND
- ⑥ Cook Island N.I. FIJI
- ⑦ AISAKI separate
- ⑧ Gerry

TO Terry Spraker 5-28-99 Fedex #809521715780

- ① 4 yellow Cassettes in JAR - 3/99 from JAR
- ② K287 11-21-97 Jhwinge - 2 SCL 55.3
- ③ " " " Glottis
- ④ ID 8-26-97 Biopsy 9-15-97 olive kidney
- ⑤ TMR 9-21-98 40772F135D
- ⑥ 40773C086D
- ⑦ TMR 9-21-98 40774B0359
- ⑧ surgery 5-20-98 STRand 5-15-99 Bob Morris Makai and Glottis TMR clinic
- ⑨ 5/22/98 LANIAKEA Oahu Dr. Morris Glottis TMR
- ⑩ 9-25-98 w 414ABA37379

5/28/99

6/1/99

Already
IDed?

The
JAR

Mich Gunn
BARBADOS
UF Grad. S
B. Zimmerman

5-28-99 Fedex #807328874847
to AA glass slides from JAR 3/99 to me

- 5/28-99 TO Bill Newman
- ① MAUI TW 15178 1-23-99
 - ② " " " "
 - ③ ID = M MTRP 1-13-99
Chains, Maui C. mydas GUBATAS

5-29-99 Saturday ALAN Hee/mel Croy - weak STRANDED TURTLE Neighbor DONNA 239-6565 Picked up by PATTY Swimmer Joel

89

5/28/99 ~~MAILED~~ TO Dennis Russell
 ① "60" 1-20-99 Honokohau, MAUI - Reef Collection
 ② 1F6Ø676Ø2Ø Mouth contents
 ③ 41Ø418ØD3Ø "

6/1/99 N763 PUAKO 4/96 Sent FedEx
 Already Q 444 PUAKO 4/10/96 809521715676
 IDed Q 436 PUAKO 4/10/96 all month?
 ? Q 401 PUAKO 4/10/96
 K152 5/19/94

The SWFSC conducts research...

Javier Ocasio Mexico/Pacific, Australia Limpus/Miller, Rod Kennett
 Mick Guinea, Losey/Zangwiler ^{Cleaning} symbiosis, Alonso, Midway ^{USFWS} Rob Naman, KURZ,
 BARBADOS Julia, Kretz, Lotus, Tiwork Immunology, Lotz, K. Morris, Lansberg,
 UF Grad. student, Ron Lu, Pocherty/Moore, Bill Newman Scripps, T. Spraker,
 B. Zimmerman.

DIVE TURTLE REEF

MENTION THIS AD AND SAVE \$10 ON SELECTED DIVES



TURTLE REEF - MAUI - HAWAII

Underwater Photos ©1998 • Eric Martin, Tropical Divers Maui

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 http://www.scubamaui.com

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- NIGHT DIVES
- SCOOTER DIVES
- BOAT DIVES
Molokai & Lanai
- CUSTOM DIVE PACKAGES



TROPICAL DIVERS MAUI - HAWAII

90

Get Jerry Crow Waikiki Aquarium 923-9741

5-25-99 Tuesday

05.25.99 Large deep tank outside Waikiki Aquarium (Marshall Island)

Shawn and Balazs

SCL = 55.5 N = 55.0 GCW = 48.9
CCL = 59.0 PL = 46.1 CCW = 54.0
Head = 8.8 RFF = 9.5 PPS = Yes

Tail (L) = 12 (C) = 8.0

WT = ~~59.5~~ 58.74

12 cc blood - 8cc MTRP, 4cc Waikiki Aquarium for biochem

59.5
58.74

4135771D21



Left hind flipper

413E454751



Right hind flipper

New PPS

FF and HF tracings taken
Photos taken

5.25.99

05.25.99 ON DISPLAY
Waikiki Aquarium captive from SLP

ZJ86 R12

~~RFF = 5.1 CCL = 28.0 CCW = 24.7
SCL = 25.8 GCW = 21.1
N = 25.8 Head = 4.9~~

4cc blood taken for plasma banking / DNA
Suspicious bump posterior corner R. eye
Photos taken

SCL = 25.8 N = 25.8 GCW = 21.1
CCL = 28.0 PL = 21.2 CCW = 24.7
Head = 4.9 RFF = 5.1 PPS = Yes
Tail (L) = 6.5 (C) = 4.0

5/25 Tues
Haw
need
+ hawk

need

25/23
1804

5/27

need
ID = 1
5/28/99
GHB
LH

LFF

Friday

4 JUNE
GCB +
me

6/5/99
Contract
TOMOR

5/25 ^{Tues} Discussion w Jerry Crow, Milton, Cindy Hunter et al. Re
Hawksbill hatchling rescue project. 91
need → Send synopsis Hawk to Jerry + Alonso Biochem report
+ Hawksbill recovery plan (x2)

need Hyatt Bill "wild Bill"
KAILUA, HI 96734 (808) 261-8224
N36

25/23 25316 ^{FROM JOE} green turtle - new deployment
18°45'N, 158°58'W ~ 70 ccl hook out.

Used 5/27 Sys 9487 ST-14 ID 22134 Fedex 80952/5779
from C. KAHANA, 5/26/99 to Teleconics
TO refurbish punctures.
ID = 1-13-99 Kahana, Maui (Shippy) head punctures.
5/28/99 ^{Friday} = SCL 62.2 ccl = 67.0 75.8 lbs.
GHB and ~~mass~~ KRISTY TO KAWAHUI BEACH PARK.

LH 407A493252 new
LFF 1F6064711F
Swimming. Then out slowly.
LFF NOT AS strong.
RELEASED Likely seen at West ~~Monday~~ Diamondhead

FRIDAY 4 JUNE 99 ^{new} Jeffco Marine Science
GCB + me KITULO exchange 2 loggers offshore ^(1 associated cloacal anomaly)
" 2 loggers in lagoon ^{undumped.}

6/5/99 ^{Hilo} Leon telecon - dead turtle 2 1/2 to 3 ft.
at Reed's Bay, YACHT club. He will view it.
Report sent.
Contract TOMOR

Wed 6-3-99

Formerly TAVILA, Am Samoa
Petroglyph
TO Line Islands.

Thurs
June

Erik Pearthree and Dr Anne Di Piazza
Voyage thru the Lines ^{Islands} June - sept 99
Rm 1205C 1205C Hale Manua

SFA

6-3-99 - B.A. said =
Thursday Conduit to Mike; "Build support for Turtles."
Space in log ched.
KRF communication

6/5/99
weekend

Dental found ^{onset} logger # 144072
at 1571 level Reef 42 KBay.
Downloaded OK.

John Kahapo ^{ANNAZ} ^{CAGE}

HEACOCK

Puke/02

SKIPPY

MARE - GIANT still have?

Loop Holocheas

Sallie Bowers - 325-0630

VONNE Fernandez - (210) 925-7555 (work) (210) 256-8517 ^{home}

LISA KING = 985-6019

6/8/99 ^{all turtles} HALAWA Neurospores ^{by} T. Work

All freezer turtles - all greens
(including 12/29/98 release into KBay, KRF from
Maui Skippy, LIQ used. PITs removed and
humeri saved (not boiled).

Need to do 2 frozen LL turtles ① old olive Kollig ② Recent green

TUES.

6/8/99

R.I.

3 days
+ 2 days

Amex
6/9/99
CO
Mon.

Thursday
June 4, 99

need sleep plug - wwe in plug?

FAN FOR THEM!

Phone Conference w/ Alan Bollen

V = Volts

b = opening screen

d = date

t = time

"0" command to change parameters

Questions: 1 yes 2 no 3 14 4 14 5 14 6 one 7 no 8 BLANK

9 shallower depth 2M

13 0000 p. 70 enter 13

10 deeper depth by surface time line 1M

14 N=10 15 N=0

11 shallower than 20

16 we need 1 day off 2 days off

12 4 sec

17 500

18 20

19 48

20 satellite
1 = transmit, 0 no transmit
our overpass

21 5, 10, 15, 20

22 K command

Z = snooze sleep plug

P.63 if plug taken out when you didn't want to.

8 in 48

8 in 72

G. Crow - 923-9741

Sharon Atkinson - 956-8625

6/8/99 Helmi Ching 239 2823

Congressman's personal
send N.A. sent 6/11/99

47-304 B KULANI
Sent H Bay 96744

TUES.

6/8/99 WASC Barry #118 P.O. (206) 526-6893
Telecom Reprodue Satellite Transmitters - expendable

NEC
Richard Merrick @ noaa.gov

~~6 days~~ 3 days
+ 2 days FL92 KLP → NAETA 5pm 830pm → Guam
+ 1 day KLP Saturday will work

Annex
FL907
Go daily to Naeta 9pm
MWA Thurs-Sat
MWA 193
→ KLP 725pm → 130 AM

Fedexed
16th

Worrie
7935 Piper Creek
Apt 3044
San Antonio, TX 78251

(210) 256-8517 FFS Flights 13 JUNE 14 JUNE

STARION @ JUNO.com

QING
utchem 956-2011

ZHLN58

GCB

Tues: N.O.
12/21 735 AM → SF → HONOLULU

1/10 1150 PM → LA → N.O.

XLDJCB 9/17 8 AM; 650 PM. 9/21 10 PM; 9/22 443 PM.

MTC Global

AUSTRALIA - Hirtu. Synopsis; Dodd; Wittell; US Rec. Plans
my pub. list, MTEP color/BW; Antidote book;

Jill - Thesis defense -

who will follow-up?

Graphic good
lettering
yellow/gold
Graphic

6/10/99
Thursday

"Lot of turtle cleaning stations"
Video footage - "kba roll over kba"
Map of cleaner stations

need Thalassoma dupre color slide close up

- ② with
- ③ case
- ④ melody

"Rigorous - quantitative"

cleaning symbiosis = mutualism
tidy categories don't work

slide
stand off of Honokawai turtle - straight head on - flippers bent
bed down over plastron

Honokawai
"Ameliorating" tumors - fish eats them away
P. Nelson N. Marshall

Dive
extraordinary

need Bott (slide view) of turtle Honokawai - ursula (PPS shows nice)
Tweak up better quality

6/11/99 Conference call w/ Melody, Jim, G
Friday

Kitti Jensen, A
kba B, A

need Neil & N
July
Acad

6/10
Friday

Sat
6/11/99
Repos
MVIII

13 JUNE
SATURDAY

Brisbane
21 June
Monday

Frank J. Corp.
IAN HILLER-BRISBANE
3353-1967

Monday - Que
June 14
"Tues 15
JUNE 17
JUNE 18
JUNE 19 SAT
JUNE 20 SUN

Kitt Jensen, ARRIVE
 KBAY BA 15 BANE 930 AM 14 JUNE
 ARRIVE BACK HONOLULU 4:05 PM 20 JUNE SUNDAY
 Need Neil & Nancy Susan Kramer

MTN Need NO. 62 1993 p. 3
 Resuscitation
 Carr MTN
 Need Suarez 95

USA King 985-6019 Message on her recorder. need mailing address to send.

FL 900 wait
 10:50 AM 11:20 AM Howo → Kona
 FL 279 6:30 PM KONA → Howo

MAUNA
 CANI

6/10 LyDA McKenzie Resident
 Dave Kimwell NMF's web site
 Mary turtles on Rocks. 6/12
 PAPPILLOA Rd.
 Left message 6/12 on her recorder. Denise follow up

6/11/99 sat. telecon - sat
 Attention NOAA Sanctuary Maui
 Repeated in ETM STRAND
 HYCHEMAC NOAA.gov
 879-2818
 NOAA Sanctuary re: Kone Life

MVIII Edery, Halm 395-9203

SAT 3-21 JUNE 99
 Night BRISBANE

13 JUNE 0030h FL 4 QANTAS Sydney
 Saturday Queensland Parks & Wildlife Service & RAINE Island Conf.
 "GREEN TURTLE WORKSHOP"

BRISBANE 21 JUNE Monday
 QANTAS FL 3 - ARRIVE 20 JUNE 11 PM Sunday Honolulu

- IDEAS FOR (RPS) HAWAII/PACIFIC ISLANDS
- WEBCAM EAST ISLAND - POLE - BASK NEST
- SAT. TRACKING RAINIE ISLAND
- " " MICK GUINEA
- CONTRACT MILANI - modelling
- INVITE TRAVEL MIAMI / MICK GUINEA
- Search by RAFT ^{Nepacific} convergence

QUEENSLAND MUSEUM 2-3 YEARS
 "LIVING WITH BIRD MIMINE TURTLES" - photos taken 6-14-99

NAME LI. Corp. =
 TAN HILEY-BRISBANE
 3353-1767

Travel to Argment SE sat. Track (turtle note)

Monday - Queen's Birthday
 June 14th Arrive Carlton Towers, Brisbane - Review materials for workshop
 "Tues 15th Wed 16th - Workshop (Presentations & discussions)
 Report planning MG & GB
 WED 17th Thursday Report met w/ Jimpus, size change, Jeff Miller, AT Office. Report writing
 JUNE 18th Friday - Report All Day in Mick's Room
 JUNE 19 SAT. MICK TO GOLD COAST - see mother & father; PM-workshop report.
 JUNE 20 SUN. AM work on Report. MICK LEFT.

Sanwa Island
ABU DHABI - SAIF

DARWISH Jeff Miller nov? turtle assessment;
MTSG, Member Appoint; MTSG Global Strategy; Workshop Reports.

Contract Malawi Modelling STATE PERMIT

Parameter

Spire Report inviting him to do Fiji Report. Scott with Ting Tene
FEEDBACK photos; M. Boyle thesis; 17th Proceeding STRACG; TAG chapter.

Johannes report

Milani - Retrospective take analysis Heron Rain?

need ARB Rain

Rain - Market plan / Strategic Plan Milani

"index of abundance in foraging patches" based on catch in effort

Fatty Acid Sample TO ID if further a new Recruit.
How long does this take to disappate from storage? KATH/Moore

Limps - Joint Pelagic age paper?

Sandra Sarah Allan 1991 The shape of the Turtle: Myth, Art and Cosmos in Early China, State Univ. of NY Press.
School of oriental and African Studies, London University

Alain Geoghegan
247-5318
DARTMOUTH (NH) Sarah.Allan@dartmouth.edu
(603) 646-2457

Date: Mon, 9 Aug 1999 14:03:49 -1000 (HST)
From: Denise Parker <dparker@honlab.nmfs.hawaii.edu>
To: "Shawn K.K. Murakawa" <smurakaw@honlab.nmfs.hawaii.edu>,
Shandell Eames <seames@honlab.nmfs.hawaii.edu>,
"George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
Subject: harrassment report

I asked them to call NMFS-Enforcement..
Sheryl Valmoja (Val-moha) - pager 582-6901
6 large turtles at area of Pohaku loa Rd. feeding area on Sunday 8/8/99..
They called DOCARE re this but got no response from them. At least 20
people in area harrassing turtles.. They kept telling them to leave them
alone, but turtles were being ridden and they were also trying to remove
them from the water. Many people that live in the area kept trying to
stop offenders but the offenders got threatening..

Workshop
SLP Workshop
Murray Pitt
FWS Carolyn

NOTES
THEME - *B

TU
DRAW PEO
GOOD TO E
FLAG, SHI
behalf
GIMMICK
METAL TA
Genetics vu
LAY EGGS
TRACKS
IN-WATER
MIGRATE LONG
CAN FIND W
FARMING
STARTING AN
POINT - NOT
CAMPING
INDUSTRIAL
HARD TO
KILL
KILL ALIVE FOR
- Vishnu
Long life;
Mystical
LAND/AIR - W
Mystical
- SO EXCELLEN
TAG BOT

URSVA - Ho

NOAH
SAND
MID
WORKSHOP
SLIP WALKING
PUSHING PIN
BOARD

Need
Program
Review

① Need - 1998 and 99 Bars + N = for
TIME prevalence AB4,

② Palau 1998 & 99

③ STAND up to 8/99 ?

97

FWS Carolyn Rogers - Midway

Need - EXACT DATES, DOB, wt. #55 (808) 599-3914
"A HISTORY OF SEA TURTLES AND PEOPLE"

~~NOTES FOR ASEM MALAYSIA PRESENTATION 15-17 JULY 99~~
THEME *BRINGING PEOPLE TOGETHER FOR CONSERVATION*

TURTLES HAVE MAGNETISM - MAGNETIC ATTRACTION - PERSONALITIES
DRAW PEOPLE TO THEM - PEOPLE FROM ALL CULTURES/COUNTRIES, ALL REASONS -

GOOD TO EAT, STRONG BOLD (protein) & SPIRIT. INSPIRE, INSPIRATION,
FLAGSHIP. WHY DO WE COME TOGETHER FOR THEM, WITH THEM, ON
behalf of them? Why inspired? THE SPIRIT OF THEM.
GIMMICKS - THINGS (DRAW/INSPIRE) DOING WITH THEM, TO THEM.

METAL TAGS. LONG LIVED - SLOW GROWTH - CARE TO MATURE
Genetics vulnerable; MASS NESTINGS. (Knowledge of THIS HAS HELPED TO
BEING PEOPLE TOGETHER)

By EGGS, TEARS, hatchlings, small helpless running into the sea.
TRACKS, DRUG ASHORE, LABORING MOTHER. (BEACH COUNTS)

IN-WATER GRACE speed, behavior (J. Booth / + TRAX J & P) Photography
MIGRATE LONG DISTANCES CAN FIND WAY BACK. A MYSTERY even today.

FARMING; leaving & Release. touch. hold. use my own PICTURES The vehicle to view!
show others what they CANT SEE.

STARTING AND POINT ENDPOINT
EDUCATION - AMBASSADORS FOR THEIR SPECIES.
INDUSTRIALIZATION, SLIGHT BRINGING PEOPLE TOGETHER FOR THEM!

HARD TO KILL KILL ACTIVE.
ATTRIBUTES ANTIQUITY "THE STATION OF TIME"

- Vishnu - Chinese
LONG LIFE; good fortune. SAFE ocean passage
Mystical Properties. CROSS between LAND/AIR - water/ocean depths
Mystical Properties

pull out sat. track slides - separate
Moua Lavi, WAN-AN people - UAE
- mortimer)
Brons; BARBADOS,
Richardson - Prince - Netherlands

Cam & Swartz; Carr & Harrison
space satellite view of EARTH, silhouette
ARGOS web site + cover page

US P (twisted up quality)
- Woman TATTO photo.
Tatto Book - BW; from team
Relative turtle; our web site covers page

FPR web site - see LINKS etc
cover page

- SO EXCELLENTLY FISHE - see
TAG RETURN LETTERS

URSULA - How many HITS?

Time 140 million 1/2 in USA TIME MATG

Kholo
WALKING
Great
Photos

June 15-17 Malaysia

3 July FL 216 Aloha 1120 AM → 12:00 PM
SAT
FL 279 Aloha 630 AM → 7:00 PM

6-26-99
Toff the beach
Saw sent

MADINA CAWI

59-397 Keku
Hokewa 96712

Dave yesterday Life Guard
all little ~ 18" Waimea #29

638-8121

9-5:30 PM

Like Sandy beach!

Saw 15 turtles at same time
more in morning

MEXICO 11 July
FL 278 K.H. 21 July → Taipei 7:55 PM
CO9015 1510h 7:35 PM 12 July W 21ST
CO9016 3:25 PM EV 22 9:25 PM 11:00 PM 21ST

"20-30 turtles" PATTY SAW 15

6-26-99 2:42 PM PATTY. JOANES THOMAS 542-5742
SAT. 3 PM 61590 POMAKULOA (Chungs & Lanika) feeding, breathing, relaxed. Algae Blood.

CRAVALHO

7-1-99 DOMINGO CRAVALHO 586-0844
Aquatic Specialist FAX - 586-0864

telecom

7/1/99 836-4110 Jamie Killin Aloha Cargo
Aloha AIR FINANCE

RE IMPACT FAX use

Rene TAKUSHI 836-4250
Pueretto ①
Lanika ②
Waimea Bay ③
Paul & Dad drove to Sunday
oahu N. Shore 6/29/99
Slide & (print?) photos.

"Ca
6/24

"Washed
6/25/99
Sent
12/48
2/4

6/25/99
Flipped
on its
back!

6-28-99
Monday

29
Tues.

and 2 #

MEXICO
GULF 85
1120
3-days

" Cant have all things, accomplish all aspects, about everything

6/24 Gary HSB-Mau tel # 244 3207
Kybota - page 808-278-4691

99
Uchida
dates KAWO
BDA?
Melode
BAS/GB
TO NEGOS

→ sent 132 N. Church
WAILUKU, HI 96793

Wabon wife
6/25/99

Todd Weeks 239-6323
48-477 J-1
Kaneohe, HI 96744
Piles of feces on the beach
KAM Hwy
monitors GIBS
TET

12/48 for order of 11 w / 8 3/4 A
96 hours = 24 hours ON
2/4 for 96 hours = 32 hours on FOR ST18 (ST10)

LARGE TURT-SPINS
5-3-99 Don Heacock, Kealia Beach, Kauai
5-31-99 Rich Carvill/Joanna Marks (SLP) via Patty Herrera (SSG), Kailua Beach
(Puncture on head)
6-1-99 Blackie Bell via Patty Herrera (SSG), Kaaawa (Crouching Lion)
light shell spin/spins (Wound on R. jaw, probable hook injury)

6/25/99
Flipped
on its
back!

So it's the 6-1-99 that you want taken to Makai today and left overnight.

need - knower sightly spinning

- 6-28-99 Halawa ID - 6-1-99 KERRY from KRF (LFF broken OR KRF)
Monday (1) shower - no TRMS
- (2) ID 6-19-99 KATHARU 11 lbs no TRMS EMBOSS
- (3) ID 6-22-99 MAUI-Skipper TRMS 1-1/2 lbs!

29 JUNE 99 RNACUV #42 Stear's class
Tues. 2 groups 24 Turtles only. one w/ leeches
and 2 #1's in eye - weren't there 1-year ago - Etruscan tube?

DAYTONA Beach Hilton (904) 767-7350
Aug. 1, 2, 3 #3089915859
Sunday
3-days

need website
100 STARS
Belt of Orion
Pleiades

JOURNEY of MA-TSU
Tattoo
websites uap?

Polymerase etc
Culture
web sites

Short Fall
OAHACA - rat
Track

"GOLD
STANDARD"

Pritchard
Behno Senter
grow in lab

6th DISTRICT BIG ISLAND
JULIE JACOBSON - 808-961-8263
(BOB) 966-8831

6/30 Telecon Lisa Miller USGS 522-8292
Wed. "Streams, viruses, affecting turtles" (referred by Gordon Tebble)

7-1-99

6/30 Telecon Mike Gilbreath 383-2031
"Ice-ong"
USGS 677 ALAMANA
JULIE 415
HONOLULU 96813-5412
"NAWAHA"

7-1-99 KAHALA Releases - GIBBY LEVINE, LARRY ESTARDA
July 2 - w/30 lbs. 1995 hatch held kahala.
Thursday Photo of each upon release. Pits new into hind flippers.
2 new small ones from SLP to kahala ponds.
Pits into hind flippers, lig.

Need
ID

7/2/99 Halawa necropsy ID 7-1-99
Friday Tenapepe Salt Pond - Heavok
Just Arrived Suetin Hwang, T.W., Shandell & me, Bob Raymors

5-3-99
Print photos
4-99

3 JULY MAUNA LANI 23 turtles - 12 done.
Sat. Suetin Hwang, GHB, Geo. Watson Sandy Watson 3 students.
Preparation for Turtle Independence Day
4 July 99

Beth
7-13-99

NEED - Sand frozen ID Jim Casey
5-9 JULY 99 PALAAN, MOLOKAI 5 pickup days
Monday Friday GHB, T.W. Suetin Hwang
90 turtles, 34 TMR (37.8%)
(Lt Rec.) Rec. 4.4g, S1=50%, S2=26.5, S3=23.5
1998 = N=50 50% TMR S1=36%, S2=36%, S3=28%
1997 N=70 51.4% TMR S1=50%, S2=33.3%, S3=16.7%
1996=43.1%
N=65

Need
YU
12

587 Gulko Book Boat & rowing #14
0318 Eagle Hardware 676-8381 9 AM - 7 PM Sunday
ACE # 732-2888 Kaimuki 4" saw Searse = yep

Fedex =
104-999-AT
JIM
Maragos
Saw
7-13

"Gold STANDARD"

Turtle - cut out standup

Need term asset nests 98

Hawaiian expectation to NITRA

Now on LITA Hilo Hatties Models LATAWA

Honolulu Chinese Temple - where?

566-1481 VA employee health

Alan Ziegler = 247-5318

7-1-99 Feder 807328874343

TO Dutton

- ① Taiwan 6/99 received in salt
- ② 4 LL samples

Mailed to

Dennis Russell - two tubes of algae no formalin - dry = #42

- ① N388 6/29/99 Punaluu Month Sample
- ② 6-27-99 Chonskeaf Reef collection Fed to turtles!

Need

Ambsbill from Maui of Michael Gomes

Need to call Chaloy International 889-6257 Honolulu Iki Gulch Hawaii

Address:

7-12-99 NOT MRS

5-3-99 kawai - head bent down always, excessive buoyancy, 67lbs orig. → 69lbs now! 501-63.2cm
 4-green caps. Multiple Red caps by T.W. Bone marrow SUEJIN study

Beth Judy Mick 254-3357 week ago
 7-13-99 Son

Need

YUCATAN 4804 22132 22127 - P.R. replacement

1132 ILIKALA KAWAII canal "15 basking at one time"

Feder = 104-999 ATAGS + 8 Applicators TO Peter Dutton #804783087185 & #804783087196

JIM Managos 541-1201 (Need) ALAPAI HANAPI 599-7721
 Saw "stuck in mud trying to nest" SE end Puako 558-8539

7-13 met with Lee Ann and Qing X. Li RE: FAT/Liver, other samples - "CONTAMINANT ANALYSIS"

102

Happy Jewel, 73
836-3467
Genavco

Prof. FAX 60 88 24 66 66
List of BAS Hotel - MALAYSIA
9/13 FAXed 60 88 26 55 55

MAMA
CARI
MART
WISY
F MOMI

Speaker Alaska (907) 456-9912

3M FAST CURE 5200 (As per Alan Batten) West
Maine

7-16-99
Friday
Teleg
sent

7-14-99 Returned used
Wed. KIT XX 25314 (24/216) deployed olive
by Cory

7/15/99 Decor CRISMAN FILMS P.O. box 3749
Ketchum, ID 83340
(208) 725-5561 Holly Taylor

KALONO
FRANCIS EXT 202
ANAKOBU = 329-6881
2336

7-15-99 KRF ID 6-21-99 TO MAC w/ SJH. Bob took out
Thursday stitches RFF amputation. Sherry at the same time
took new hook/line LFF MAC amputation to KRF.
Released Kawai'ku 140 PM. PITS inserted new.

Makai Clinic TO Mrs. Schermans - Carol. 3 ^{juv} seen along rocks -
one had small eye module, otherwise no F/sights. Crawl into
rocks to rest - shallow water, not fearful. A few others
surfacing in middle of coral. Drove to Alan Davis to

see inlet areas/turtles where Denise visited 7/13 (with
contact: Shannon McCallister - daughter Jennifer.

608 KEALAHOU Street, Hono 96825 395-1764.
SJ GH saw ~5-6 turtles inlet closest to sandy beach.
Cement Bridge of old road = "WAWAMALU" Drove to
Blow Hole. Cockroach Gulch - saw 2 turtles surfacing.
Drove to Kawai'ku Beach Park. Release RFF
Amputation ID. photos SJ + Golden.

7-17-99 ~3PM Drove to N. Shore - PAPA'LOA Rd.
Saturday Right of way - Rock off point - beach rock
lots of Ulva + Pter. many turtles feeding close.

7/17 Two
CAC
Sat
Photos

20 JULY 99
TUESDAY Dep
Monica W

Mama
Lani
Wishy
MARTY - PAGE = 899-5313
Schumacher 885-6622

need - Joan Arden
DiLange
Cherry
Tracy

Palaau 17th Symp.
Abstract to
current 103
last my 1996
need =

7-16-99 Mrs. Didi Robello Aloha Beach Services
Friday Telegon 922-3111 Waihi Re offshore ID 1-1399 speed
Telegon released Hawaii, 5-28-99, TO MAC private pin tagged.
2203 A Malohi rd wahiawa 96786
7-17-99 NIKKI Ortiz 808-621-4089

MARLU = 637-6417 61-529 KAM HWY

8518
8723
7-17-99 Daughter KATE
Joanne Pettigrew
P.O. Box 746
Haleiwa Hi.
96712
637-3434

Dennis
ADDRESS
61-691 Kam Hwy

7/17 Two boys jumped in water, splashed by 2 turtles that fled.
Calm no swell - gentle waves, wind off shore. Tide seemed
low. Drove to juncture of Pohaku Loa way and Kam Hwy.
LANIAKEA is at bright to the left facing seaward.
Numerous turtles close feeding - 3 now boat Red & Red
fishermen. Giant green female close - with (above)
comes daily - knows other people that come to be
with the turtles. Joanne there w/lab - photos.
She is staying in cottage of house right there.
Smoked. Adult male.

Djawa Yow pingu - Dhimurru Cond

20 JULY 99 K Bay
TUESDAY Deploy onset K #1 = ending 80" K #2
Monica Wood Scuba - ① 4:30-5:30 ② 2:15-3:00
kawelo #2
found 144073 onset
Stoway

DAET - 558-0007 "7-18-99" Burtinda
Fred - 558-0209 Danielle's

GULKO FAX
587-0115

HC 01 BOX 571
KAWA KAWA 96748

MARC RICE
JOB
316 48

Tonight the
light of
love is
in
your
eyes

PME # 5575-11-8420

7/24/99 #265252 ^{IN PVC} mailed to ^{for} Northhouse ^{Thom}
33 days

7/21 (301) 897-8616 x 227 Holiday Edge Products
need telephone re: Reprints PAGE charges Editor

7/21 Phillip Colla (769) 804-0731

need MS TO Review
(407) 744-9670 J. Wild. Management Review

7/25 Hawaiian Moving Co, Michael W. Bern "Ocean Quest"
Hawaii w Turtle Monk seal - Polpu Seal grass turtle,
live scar over left eye.

SPREP - yak?

Date: Mon, 26 Jul 1999 06:48:38 -1000 (HST)
From: Shawn Murakawa <smurakaw@honlab.nmfs.hawaii.edu>
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Ph. msg. (fwd)
1) Patty, case# 335, called on Friday, 7/23, at 6:32pm. Received a call from Nicholas Cozma, 47-136 Ahuimanu Rd. Dead turtle, CCL=63cm, no tags, no tumors, plastron cracked due to possible propeller slash, very decomposed, internal organs out of body. Found at Laniani Beach Park (I think she means Laenani Beach Park). She called C & C Disposal for pick up.
2) Patty, case# 336, called on Sunday, 7/25, at 10:02am. Received call from Rebecca Dunning. Same turtle as case# 335.
3) Patty, case# 337, called on Sunday, 7/25, at 3:23pm. Received call from HPD Off. E. Arguero. Live turtle, CCL=60cm, tumors on eyes, flippers, fishing line entangling FF, neck, and down throat. Found at Magic Island. She took it to MAC. She said that she was on the news and that she notified GHB.

ID
7-25-99

MONDAY
7/26/99 EU 7-22-99 TUES Holawa Sue Jin (#2)
Twork, Danka Keiber, Shardell & me.

7/26 Review of S/H chapter from School 2 more dry slides (not taking)
2002 Makiki Heights Drive, Honolulu HI 96822 941-3312
David L. EYRE sent 9/16/99

7/31/99 Examined KRF Turtles w/ST ID's
Sunday 7-30-99 EMACIATED ← EU 8/2 TW
7-25-99 Holawa
7- -99 MAUI (outside tank)

7/21 9
Sapphire
" Sick " KA
Sick TW

Himb

7/25
Telecom

need
AL...
Painting
2 day He

Roger
Andrea Co
Hawk

7/26 Tel
MAILED ST
TO ME

7/27
SABY KUD

wednesday
20 JULY
SJH & G

need
photo of
Turtles
and islet
and He

7/21 974-6208 → James Welton DO CARE HLO. GARY WOOD 105

Saphire Moon = 934-9205 (need)

"KAPOTO"

Sick Turtle on pond

Tom Friel (need)

ACAPAKI -

KAPOTO BEACH (STATE)

A few blocks from Regy Fogue

7/22 voice mail S. Moon

Praying crying

12N 95W

7-20-99 VAN 51

Himb Bert Wong

Bryan Craig-Nelson

9' Boat

956-7625

942-2111

7/25

NEED

MAVI = Judy Edwards email Dead Turtle

Telecom

Kidder Bay

LIZA MOLINA

9880 389

Alvin Hong

7/22

Swanbel Surveys
Harambee

Kim Gitzel

879-8360 (need)

Pratt Spring
2 day

Hertz mid-size #116.98 #A79813FBE57

United RWJBN4

Box 85

PATOA

Roger (inman)
Andrea Cannon

sent MARTY .96778
965-87-66

Light Honey
4-corners
TURN RIGHT
KAPOTO Beach Lots

Hawks Bill Helping-hand project

7/26 Tel message Carry Katakura Transmitter
MAILED SJH
TO ME 249 / 8/30/99 covered (w/VHF?)
July 13th name have.

Green Monkey
Right

7/27

FP stuff

SAEY KUBOTA FAX (808) 244-3207

Thru CAVA Village
yellow gate
Bear Park
Tennis Court
GO TO Tennis Court (ce.)

CHRIS MANTZARIS NMF SNER
earl

wednesday

20 JULY 99

need email to coast contact

FRANCIS KOAILANI MIKE CASE

SJH & GAB

KALOKO - HONO KOTAU National Historical Park

329-6881 MARC's signage

+ Kiholo hike to retrieve bones 880 879 FAX 329-2597

Need photo of Turtles and islet and Heavens

+ BACK TO KALOKO PM. STOOD w/Turtles shallow eating "MANA" flakes of mat algae and also seen grazing on flat to beach rock between shore & islet.

Right
Mantzaris
ed
Ford

Need ① Letter to Francis - signage
② visit to give talk

Kiholo Radiometer =

25317 Abt
24179
25362
25363

6/11/ Rev. 1
drawing
3 washers

TOTAL 28MB negos
3.5 per year
47MB total
TDPs 6mbyear

RPS

- PIT TAGS For Pacific Island Sea Turtles
- sat tracking / foraging locations / productivity
- Web Cam monitors - census East IS, elsewhere
- High seas - raft pelagic turtles
- Teaming / exchange
- Tahiti
- Jeff - oceanography
- Assist S Prop
- CNMI / Guam
- Supplement Pacifichawk project
- Demmochelys
- Dis. sat. track feasibility
- Palau

30 JULY 99

PUNA LOU KAPOTTO POND
BASKING = 156Z, 157Z (5)
1 of 2 together = Q 273
radiometer - 96°F surface, 91°F in
113-118° DRY SAND
84°F WET SAND

7/30/99

270-7085
James - Maui Ocean Center SKPH tagged nesting FF5?

11th Aug. - 12th Aug.

Year	Location	Count	Notes	
1998	Barbados	4		
	PR (MONA)	4		
	Jamaica	2		
	USVI	2		
	Yucatan	4	1999 deploy	
		20		
	1999	Jamaica	2	
		Belize	4	
Costa Rica		2		
Venezuela		2		

ID	Year	Notes
8/9/99	8-SDR	2-CS TO A. Bollen
1	22272	99-335
2	22273	99-336
3	22274	99-337
4	22275	99-338
5	22208	99-339
6	22209	99-340
7	22210	99-341
8	22211	99-342

All subsequently returned to have depth sensor range changed at W.C.

Casey Res
look at
voice
VANWA
CAB Son
coll
7/28
Need
31 Jul
985 depart
8/2/99 - Re
Monday
Need Pedro
Observer
Manual
TO DUTTON
ALSO
PETER
Jul
Need Source
PAB
What's Ne
MAP of lev
Send by co
JAVIER
8/3- PDLA
* Roger
than J-C
Need - photo
Charlie San
Send Rene/
Pedro = 199

Casey Results
look at voice
MARE
VAN Water
CAB source
cole Palmer

Rita Winter

win@wintron.com

- IR Thermometers
- (Black bulb)
- (Black Globe)

107

7/28/99 Hobby Games

Just moved here
638 7219

- Puerto Rico
- EPA

31 July 99
905 depart

LA ↔ PS
4 August - 6 August
Langkua (8/4) Yocca 8/5
DAYTONA HILTON
MEXUS PACIFIC / GULF (2-3 Aug, 99)

8/2/99 - Rene - Kemp's presentation
Monday at Greens 450 green nesting
need Pedro observer manual (AGA in) to Dutton also

895,000 nests 1997
1998 248,000 ORCA
109 June July 99
2 address (Google)
ALSO ASSISTANCE

OSCAR M. RAMIREZ Flores
General Director, MINISTRY OF ENVIRONMENT, NATURAL RESOURCES AND FISHERIES, NATIONAL FISHERIES INSTITUTE

PITAGORAS No. 1320 3o. Piso
COL. STA. CRUZ ATOYAC tel. 688-15-48
C.P. 03310 Mexico DF. FAX 601-27-93

PETER
Jim Dot Blot - Viral Diagnostic Test/Technique for shrimp
Need SOURCE FOR EACH OF THE SATELLITE-TAGGED OLIVE RIDLEY LL.

PABLO OSCAR - Take of DC in Hawaii Fishery, Current information
What's new? Need to send to OSCAR.
MAP of leatherback Genetics (Dutton) that shows fishing pressures also. Need over read Dutton
Send bycatch numbers/reports to Pablo/Oscar.
JAVIER genetics from Peter, diving data satellites. (Send Roger Zimms Black Turtle US Plan)

8/3 - ATLANTIC GULF turtle Group discussions.
*Roger - Specific research (for FL requirement). Low's call him phone # =
then I - conference call details

Need - photo of hind flipper relation to bone, in hatching, for wire tag. TO Rene Sherry
Charlie Sanchez - Albuquerque USFWS #; CNN FWS video Loncho Nuevo
Send Rene/Oscar NKM skulls + Science News 1997 + Miquacio Abstract 14th
Pedro = 1997-98 LL two records - Gulf 1) Logger 1998 4 records
2) leatherback 2) Logger 1998 4 records
3) leatherback 2) Logger 1998 4 records

next ID 8/2/99 ID Live Tuned DRIVING PT TMRs ON PLASTIC

Poland

Aug 8000 Merida Mexico

WINDUAY DIVE 263-2311 Sean
AQUATIC CITIES, KS 396-9738

ID 7-10
STRAW
RH
407

Vic Payer = 290-1453 cell 282-8466 cell 222-DIVE
637-7946 cell 226-5184

8/5 Thursday ON my Phone Recorder - Ken Nichols N. Shore DIVING
7-10-99 TO Greg leads - 7-10-99 Turtle - Delcomp, Chambers

8/9 - Denise KITV 4 6:30 AM North to get out hook. need GPS camera Film

8/9/99 Conference call CNMI Div. Fish (670) 322-9628/27
Monday w/ Steve Wolinski Denise Parker Re Saipan study

8/9/99 Corey - LL observer Training w/ SDR 10
2-SDR 10's 4MI batteries each, kits YY end ZZ
Monday Sleep plug. ID codes = 22532 22535
FACTORY No. =

8/10/99 TUES. Fined him PAULA Hotel & Bethel 52ft Turtle Sculpture Mebl work by
Pete Radulovic 527-5449 Fax 527-5445
City Director of Arts etc

11/12 AUGUST 99 HONOKOKAWAI, MAUI
Wed. Thurs. 6 & P www.TURTLES.ORG up P & GHB Read LH 605 C ♀

DME & GHB 8/11 - 2 dives Honokowai; 8/12 1-dive Honokowai
1-dive MALA WHARF PARSAIL WRECK
(7 J. Actota) + cryo seawater

8/11/99 MARK DOMROSKI 638-8121, 637-8615
Bonnie Pomwih (301) 713-2363 EXT. 129

→ Diane Trembly Archaeology study - Big Is. KONA
Turtle site - bone pieces

16 AUG 99 MONDAY (808) Kahala, Feder Hawaii Bernard
572-7327 ED 8-18-99

8/19/99 SCL 69.7cm from Maui no tumors - weak/lethargic to MAC
proved to N. Shore - Haleuwa Beach Park - 2 Tumors
hauled out by beachrock sand. Numerous large feeding larvae - G 415 RHE + other (4)
Kuzloa - fecal pellets (need) or ? 541

LFF Amph Surgery
8/10/99 Tuesday

need copy w/ box
8/11/99

need

DR. IOM 10M

fewer skin
Bears dangerous

17 AUG. TUES

8/20/99 FRIDAY

need Gra
"MTDNA
(note white suggest Peter M sst. pg

8/21/99 SAT. AS

CONFERENCE ROOM

ID 7-10-99
STAND - RH

$$F^{\circ} = 2XC^{\circ} - 1090 + 32$$

6:55pm
6:30pm
6:29

X-188 (X187) 4016
Loggerhead 109
Released
7/96
GPS Joe Cordaro
Sun
Cordaro



LF Amputee by MAC ID 7-10-99

8/10/99 on Oahu's N. shore at "Leftovers" Surf spot
Tuesday 56.8cm SCL just west of Waimea Bay.
PIT TAGGED AND MEASURED TO DAY. Release
Videod by Ken Nichols

56.4 notch and staff of N. Shore Dring.
CCL 61.0 This group finally issued
entanglement at hook. Treated by MAC.

8/11/99 Andrew Ford for L's Puna/uu Lord
Voice Mail DOCAFF 974-6208

Aubrey - 985-6090 8/13 left a message
vrsalm@tnc.org 537-4508 ext. 284
Rod Salm

For 2
Jard P
330 days

(409) 268 0586 Amy Wang

8/16/99 Logger
#261364

Chleberok - SVM MAC

cis# 657
cat

Miguel - 9:15pm depart Saturday
Peter KAIOLANI Ave. 922-5353 7:15am Sat.

Fewer skin
Brews clings

17 AUG TUES
KBA
@TOMC DUE, GB, TW. + VISITORS +
@Grupe (All 42/43 Reef) > 1 Recap! NOA/HIS 25005
NO TIME AOL

Mesikt "Muh-sick" younger son
Muh-sikt

8/20/99 Friday
10Am Conference Room - Peter Dutton genetics.
Graphic Dutton. VISITED KRF - examined turtles
"MTDNA Stock origin of olive ridleys taken in Hawaii-based CC fishing"
(note white outline of black letters.
Suggest - Peter needs "Laysan Sea Turtle gene bank" as graphics. Practiced
sat. pg attachment in A2

8/21/99 Visit SLP - Towe by Bob Braun.
SAT. As per Bob = "Green Turtle Educational Loan Program"
+ "Maunalani Bay Program"

8/16 2 EUS

HAWAII

ID 8-2-99

Sent weed RPS example TO Tiwe

8/18/99 Wednesday
NECROPSIES

(1) EU IRIDOUIS Pt. entangle
- Massive kidney tumors
- Numerous tumors/nodules on lungs. Fluid SAES testifies

(2) Olive Ridley - LEV T 21 5-31-98
one SAMBA BATT Skull saved + human

Chief SP70077 DOCAEE

(3) Green (black) turtle
FRAGMENTS TRIED
ANIMAL MATERIAL IN GUTS
LLQ 253
ECF - T 019 SET TO

(4) 7258 HUMB 7-3-99 Hanaunaby
27cm Hook/Live
ccf (orig. TAGGED 4-30-85 Turtle Canyon)
7257 & 7258 SCL = 39.2
Skull + human
GIAR saw? stomach?

ARGOS

2.5 hours to 45 min staff
1.5 hrs NOAA (WC)

Need Michael General staff branch chief
LAPILIO - DOCAEE - message on voice
re: suggestions fishing line, oahu
Monday Nav.

8/24/99 8:30 AM
8/25/99 wed

PROGRAM REVIEW

4 picture book powerpoints - Good
19 AUG. 99 Thursday
Kamehameha
Punaluu, Puncilo
International VISITORS

8-26 Telecon w/ Katakira - nesting by picnic TABLE 8-4-99

29 AUGUST 99 (KAPALUA) HONOKOWAI

+ Sunday
Dive 1 - 38ft 70 MIN - N. House
Dive 2 - 46ft 65 MIN - Kiholo; Kiki'i + HOND
POLZ BRENEY AT "GAMEYARD" RECENT DRIFT

8-30-99 - Meet w/ Tom Clark

- veg. reay - possible
gentrification of Hatching
tclark@Labs. TAMU, Ed

1 SEPT 99 this year
wednesday B.C. Whitman / BALAZS

Kiholo

1 - PIT TAGGED Batching
2 - moved from Mauna Kea beach Club TO Kiholo

MARTY PAGE 899-5313
MAEC
Sandy WATSON
CAROL HOPKINS
USA Greenman Student

9/3/99
what beach? Mhu.

Cal Kitty 8/21/99
*People to

8-26 Fe

8/26/99 Thursday

Need
Small Conference Room
8-27-99 Friday

NOV 8
KEVIN 52

8/27 Friday

8/28 SAT.

8/29 - Coal

- EATING EVIDENCE
- fixity of

Telecon 8/30/99

Franny

HAWAIIAN

Ken

TO WORK FOR MAUI
ID 25692 HAWAIIAN Sys. 407421A
6/6 10-20-97
Midway 4pm - 7pm 25th
ABERDEEN FUND RAISER
Thank mom! Schwann

*People to Send: Chris Sherry, Roger Z., Richard Merrick, Margaret Chuk-waretz, Bob Correll
8-26 Fedex to Sue Jin #8146-6083-7168 pickup #549
806pm #8146-6083-9135

8/26/99 Jerry Hermosa 637/5170 PO. 948 HAUULA 96711 sent
Thursday Papeete Rd - Turtle apparently healthy ashore for awhile

Sulu & Jeff (Aisake friends) 944-1185

ALONSO hotel - New OTANI 9AM Breakfast Sat.
8-27-99 11am Meeting w/ Charles Kervella, 923-1555, Ione, M. Dymee, Wettersall,
Friday Polovina, RE: 12 NEW OBSERVERS

NOV 8-26 Training. 9 NOV. 1230-1PM lecture
KEVIN 522-8247 18 NOV. 1030pm - 4PM SAT. TRAIN

8/27 Cindy CLARK 638-8045 RE: Large turtle mass
Friday head. Tumor - ALLIGATOR ROCK. Hase owner 14 years there. 637-5783
Scott Spenser

8/28 Marty Weisner "Problem Turtles" VACATION
BACH CLUB RT 966 RT 1478 Rental store w/ wall toward
SAT. 2 RT 18 Right 11004 was men farm
61-285
Need N. Shore TO GO There.

8/28 - left side shadow-camera
- Coral reef destruction from resting & foraging turtles in Hawaii
- EATING Pokies? - band of chinone FF's? at Maui, Hawaii
- fixity on foraging pastures of green turtles migrating to breed in Hawaii
Fedex - OSCAR - 8060-4748 - 2827-0400 Pick 620
(608) 270 2400 They work

Kathleen Pierce (808) 536-9986 ANN
CHRISTINE MULLER - 942-4649 KRUMBOLTZ
8/30/99 Mother = KAREN UNIV. Washington

Franny Kinslow 955-4322
Mama Lani Hotel Manager = Bill SAEYE

HAWAIIAN Moving Co. John (Randy Brandt) 973-9332 9/2/99
Room 944-9890 need fine white up * 2860550
Alonso - 599-5400 Room B10 + AA=421-3413
Ken Nichols - 637-7946 ANN=536-9986

Copied from packets
 16 - Fiji Loggerheads From Fedex Dutton #8115 9909 P207 8/31/99 113
 12/6/96 88cm
 T41 24-5-9 75.6 cm
 T23 15/5/96 81.7cm
 T180 17/9/96
 T8 27-4-96 89.0cm
 "Loggerhead muscle CL-78cm released"
 T127 10/8/95 CCL 85.8
 T140 17/8/96
 T96 18/7/96 DS.M.B CL-81.7 cm
 T128 10-8-96 CCL 76.1, 71.5 cm
 T88 13/7/96 CL 82.8
 202 27-9-96
 T157 29/8/96 D.S. M.B. (lebra, ichelle)
 T96 18/7/96 CL-57.6 cm (oyle)
 T91 13/7/96 78.5
 T49 DS muscle 8-6-97 CCL 81.7

Sent 1:52pm R. white

Fedex 8/31/99 Jim Casey Frozen Fedex #8146-6083-6963

20 Frozen Vials Fedexed to Jim Casey (8/31/99) from July 1999 Palau, Molokai Expedition - ECTOPARASITE SAMPLING

Vial ID () PIT tag	Marking Pen Vial ID	Marking Pen Other Vial Info	CONTENTS
(0) 4137000206	#10	7-9-99	Leeches (mouth)
(3) 4136094555	#19	-	Leeches (LFF tumor)
(0) -	#9	7-8-99	Neck - 6 Amphipods
(0) -	#28	-	Mouth leeches
(0) -	#9	-	Mouth 1 Amphipod
(0) 41362D2968	#6	7-9-99	- [Footnote A]
(2) 4104083C02	#21	7-9-99	- 2 Amphipods
(0) -	#26	-	- 2 Amphipods (mouth)
(0) 41360A413C	#5	7-9-99	- [Footnote B]
(2) -	#21	7-9-99	Tumor [Footnote C]
(0) -	#10	7-6-99	7 Mouth Amphipods
(2) -	#13	7-6-99	[Footnote D]
(0) -	#3	7-6-99	- 2 Mouth Leeches
(0) -	#11	7-6-99	- 1 Amphipod (FF tumor)
(0) -	#12	7-6-99	- 1 Leech (LFF tumor)
(0) -	#2	7-7-99	3 Amphipods
(0) -	#6	7-7-99	1 Amphipod (mouth)
(0) -	#7	-	Amphipod (Jaw hooks)
(0) -	#1	7-7-99	Neck - 4 Amphipods
(0) -	#1	7-6-99	2 Amphipods

KBAY 9-10-99

9:33 AM S. Tibke

CHRISTINE MULLER
 38-158th place SE
 Bellevue, WA 98008

Ms. ANN KRUMBOLTZ
 317 Highland Drive
 Seattle, WA 98109

9/10/99 ID Kawai
 shipped 9/11/99 by Don Hancock
 picked up by Air Aloha Cargo
 9/11 to A.L. West RFF.

FOOTNOTE A - CONTENTS UNCERTAIN - Leeches or Amphipods?
 B - " " " "
 C - CONTENTS UNCERTAIN - Tumor Biopsy, Leeches, or Amphipods?
 D - " " - Leeches or Amphipods?

Jim - VISUAL EXAM OF THE CONTENTS OF THE ABOVE 4 VIALS SHOULD EASILY DETERMINE WHAT THEY ARE. PLEASE DO NOT BETOR PROCESSING. (George)
 () = OVERALL TUMOR SCORE OF TURTLE.

11/11/99 photo 114

JACK Randall 235-1652 + sent to BOLOVINAS

Light 526 0693 6275 Street

9/13/99 KBY Day 3 CHRISTINE Muller, DMP, AA, G.B., JAVIER, C-Reef =

Bare Mammals & PDA Sabine Samples.

9/14 Ethan Cochran Anthropology 956-8415 HMB tag Fiji 233-E WAYA IS. OSAWA Group

9/14 599-2436 MARGERY Earth Justice 3 packages of data sent 9/15

see need for UNIV.

EMAIL for ADS. focus TO

9/15/99 8-2/3A 449814 22149 12/48 hours Both TO JAVIER Vasconcelos 4-2/3A 420416A 24187 2/4 (taken from Kit)

Camp Erdman - Mandy

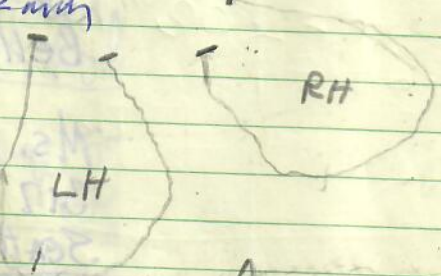
9/15/99 MAX ULEP 637-7945 Address: Moku/aea Mokulea beach park. Go 0.5 mile. Woodgate Look 0.1 mile rocks. nest there. "Campers" visit 9/16 - photo hatchling tracks

ORDMAN SCL = 54.4 mm 45.4 SCW mm CCL 55.0 mm

(RFL) "W101" "W102" (LFL) Size 7 tagged No address #USA# on tags!

SKIN DNA Biopsy. RH and 2mm

Need



Camp Erdman 69-385 Farrington Hwy Waialea, HI 96791

9/15/99 wed. Green turtle hatchling from Camp Erdman Sara Grube, had it in a tank several (2-3) days, dog brought it to my office, overnight home, released Papaioua Rd. beach

9/16/99 11:55 pm w/ MAREE Rice (video) and JAVIER. Slide photos. 9-14-99 contract observer Andy JAVIER; PIAO, Tiger, Shaka ANNA C. (Junior Cross). Turtle parts - TO A2 freezer. N844, N845 TAGS

need AL

9/12/99 12

Print Photos ALONSO, N. Shore of J. D. ... NEXT day circular ... 3 turtles

Tessa C

Sweden spec

Fish line Body DATA

9-20-99 M

25692

9/18 Kovei #4-9 #3 9/1

11-16 SAT. TH

9/14 TUE

9/16 THURS

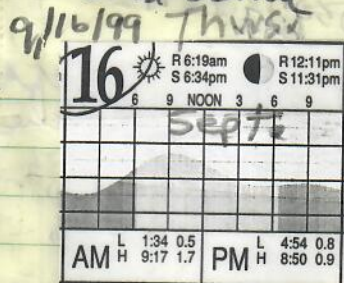
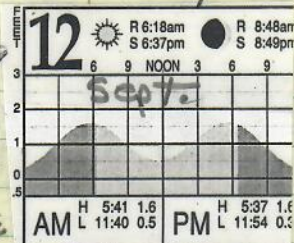
9-20-99 collector

9/2

Calendar grid for 21st, showing time slots (R 6:20, S 6:29, 6, 9, NOC) and AM L 1:29 1:1, 6:52 0.4

OCT 3

9/12/99 Sunday Drive around Oahu



Send Marc
Jill's Thesis

PRINT photos, 35mm Slides and video.

PRINT photos

Alonso, Javier, GB
N. Shore drive-visited
Joanne Pettigrew
next day she saw
circular metallic on
3 turtles

MARC Rico (digital/video), JAVIER VASCONCELLOS,
ML. DRIVE TO N. SHORE
To PAPAIOA, TO LANIAKEA - photos, Jill,
Puana Pt. Mokuoa.

Tessa (Jennifer) Hilton Waiholoa
886-1234

sent Jill McConnell
2113 Jefferson St
Albany, OR 97321

Sweden Student Projects: K Bay, Laniakea (Kauai) ^{questionnaire} interviews, site
specific foraging, time of day/tide, live N. shore; Bus/car. ^{Life} guards
Fish line interactions; Some from Necropsied turtles; STRAW DATA
Body DATA - GPS - Timing? Itarauma Bay

9-20-99 Maui Hawkbit 4Am attached ^{WAG}
25692 ^{SIZE = TAGS =}

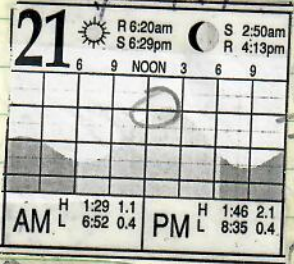
652-8152 LANIAKEA Slide photos sent
502-2-2 Nanaumi Izumi
Sumiyoshidai 七海 皇
Nagasaki Japan Recently married in Hawaii

9/18 Ronell - MAUNA LANI SEA ADVENTURES 885-7853
#4 - 9/8 back
#3 9/14 first seen back by ^{cherina}

11-16 Sept. 99 JAVIER VASCONCELLOS VISIT

SAT. Thursday 9/10 Sunday - AAIG, B&JV Drive N. shore. 9/13 K Bay;
9/14 TUES. RESIN & ELASTOMER practice; 9/15 wed. STEPHY-STEP deployment
9/16 THURS. Marc, JV & GB N. shore digital/video. TRANSMITTER ID'S TO JAVIER 22149 24187

9-20-99 Hawaii Necropsies EV. Ron Lu & Yun Wang
collected samples. ID 8-31-99 Haleiwa 160lbs photos
9/21/99 291bs ID 9-18-99 KAUAI photos fish line guts



4-6 N. surf, cloudy water.
Joanne 65-681 Pohakuloa Rd f beach
Pettigrew CHRIS, me & LIN street address of right-of-
PAPAIOA and LANIAKEA house nearest to PAPAIOA
way = 61-785 Road.

Thermy Went BOB MORRIS said a bench at PAPAIOA
DCT 3, MAUNA LANIAKEA very abundant feeding - chseto shre

116

need PITs + LW Susan Scott 8843

<http://www.turtles.org/ghbmtbalazs.jpg>

Kololo
Resend
letter
to
Chief
Ranger

Rec. Plans to
Wendy
GPO

ID = 8-7-99

Amputation by MAC
Drummond wire stitches out 9/8/99

9-8-99
RFF

SCW = 54.3
SCW = 43.5
CCW = 58.0
CCW = 52.0
LFF = 10.0

PPS - Jeffgraphs
Pacific Island
photos
CNMI photos
Shel poster
Set tracks
13-11-00 PPS

Plastron = 44.9
PPS - Yes
Tail = 12.0 C-7.5
WT = 46.0#
Head = 8.9

copies
to
Hawaii
Moving Co.
9/10-99
Released
Mii Beach Park

ID = 8-4-99 Amputation by MAC
Drummond wire stitches out 9-8-99

Plastron = 59.4
Head = 12.0
PPS = Yes
SCW = 75.2
neck = 74.9
SCW = 60.7

CCW = 81.5
CCW = 76.0

RFF - 1#2
LA. JH - 1#2 RSH 1#2
Chlorae 1#1
Lft eye - 1#2, 1#1
Rt eye - 1#2, 1#1
neck - 1#2

given to slurs
seal

ID 9-12-99 Sunset Beach - RFF/LFF line cut

9/20/99 (Release)
Kawakui Beach Park

CCW = 50.0
SCW = 46.9
N = 46.7

Treatment
Completed at
KRF of
injectable
antibiotic

410B504F0E

410C021C3B

RHF

LFF

6:55 AM - swam out slowly, dove and surfaced
fine.

9/25 - 935-7971 by man Museum via Karla McDermid

TOP foods ofgt in Hawaii = Ananas, Herocletho, Uta, Codium, Hypnea musciformis, Acantusphora, Turbo

9/27/99 ID 8-17-99 Maui Makere holes in head lethargic
Moribund near death - TD T. work for EV.

9/27 Pelam IRMA Miki Sea Adventures Re Laurie Stark funding Sherry
Turtle Removals at their Dive spots.

need +
Neil Aber

22-
N=

working

9/27

need
need
Clare C

28
TUES.

Send SPUR
articles
to
Naka

Conce fa
Punalou-N
next ste

Sissor S
Anim 8/1 Cor

(4) Nona Prog

1-3 PM
KIRC

offer to
McCense

Didm
9/29
JULIE

Rec. plans to Wendy Goo

SJK Presentation

Oct. 6 Wed.

Security Head
Martin Hudson
Royal kona Resort
near Huggos. Bernard Garcia

"LAGOON" 329-3111 117
New Beach

Need + wife
Neil Abernethie
Dewe oahu - Grey vet matching frozen

MARTIN 75-5852
Sent 967403

22-25 Sept. 99 MIDWAY III

N=8 38.0-88.8cm SCL

3 TDS 350KCS; 1 w/sortcock

Working w/ Denise, Katie Harrington
FWS Nancy Hoffman + ANJA

9/27 3 slides to Bob Duerr
Kappa Productions, 99 Hono, Pal, HI 96720

wildlife
Sept 1990 886-1234-tesa
2465 425 Waiholoa Beach Dr.
Hawaii

need Cestie Wielen - 261-3547 9/19 Buried/cooked
Turtle Remains

need Pamona college grad.
Clare Goo 247-3116 45-621 APUAPU ST, Kaneohe 96744
Dr. QINGXIAO LI

28 SEPT. 99 Allen Tom, Humphrey marine Sanctuary
HAWAIIAN NOAA

TUES. Kitei, MAUI fact finding/informational
meeting for stranding partnership - Sanctuary Volunteers.
16-20 people present including Skippy Law and Glynnis
Nakai. Photo of ulua rhyner on beach. 3-men hawaii tattoos

Came paddlers, sanctuary cultural specialist = former UH HILO mol punaui - 1997
Punaluu-named turtle = kamanakaikai (TAG = male)

next step = (1) Supplies, data tel, sheet, plastic bags, gloves, tap, knife
Sissor, Satchel, Animal carriers + box
(2) Skippy dishes (3) Another
How does he want to use them? Meeting for

(4) NOAA program sheets
1-3pm meeting w/ MARK HODGES & CHARLIE
Kahoolawe Island Reserve Council Training

KIRC need letter to them Address?
offered to take on 1-3 day study. Boat-based off ALL AROUND island.
MARC DENISE

Didne Tremblay returned 10/7/99 in HILO
9/29 JULIE BOGARD Visited off - Saw Marshall's Turtle w/ Wendy Hoffman
brought data loggers at Waikiki Aquarium
Archeology Bones 923-9741

Need AT/An Davis wet

118

Finish in my
wrenner
FP workshop

J. Cho
Roosevelt High School
1120 Nehoa Street
Honolulu, HI 96822

Reduce

Monday
10/4/99 Two
360+ days for
Waianan
#261082 Debbie
#2549 Chan
Taken by Denise Barber
Spashed w/ them
Inshore of Makohala
Tumors =
Counts each time
Numbers Duration

Need
Data
Sheet

Dear George,
Thank you for such a large packet of information on turtles this past school year and for the additional article, which I'm glad you sent. I'm focused in on the research to date and my students were able to see the ecological connections to disease. I will make good use of this material in future years. Thank you for everything and going too over the phone. The years have flown but the site visit at NMFS seems like yesterday and all the marine research projects, yours in particular, with NWHI just emerging seem alive. It's a wonderful thing you're doing with turtles and also education, and my students and I, and my four children too, will always appreciate your work as something personal. I hope to see you someday soon. Aloha + thanks
Joan
CHOY

KRZPKO Resource management
STAW Bond 329-6881 #6 FAX 329-1597

Fedex DNA samples
TO Dutton Dr. Shi + 4LL + 3 Saipan + 1 East 1999
8146 6083 7146 Died +
Alb from Tiger stomach

9/30/99 Thurs. Examined two turtles at KRFW/Bob Morris & Thery work

10/1 Harry ^{Need} ~~AP~~ 10.550 Waiuku 96793
Main News (Business) 242-6392
Claims about Tumors - Make wary.

Dr. D.W. Cleech IV Home 522-5915
"KAOUA" MD Neurologist
Non-profit ^{James MS} "Creatures of the Sea" = Profit
HerpesVoster

Date: 7/21/99 10:37 AM
Sender: Mike Fergus
To: George Balazs
Priority: Normal
Subject: F.Y.I. - Loggerhead

Thought you'd b
MF

CARTERET NEWS-T
Turtle finally
By Kathleen Bli
PINE KNOLL SHOR
Loggerhead sea
turtle release
Shores
propelled himse
It took two aqu
him
from the boat a
a mile
from Shacklefor
The release ma
with
his natural hab
He was sent to
hatchling in
1993, spending
Chattanooga, T
exhibit.
Recently, the
that
aquarium, requ
according to a
The turtle was
period
and kept in a
bring
him to the sur
The effects of
turtle in
the wild, Mr.
Turtles do a
The loggerhead
water
either, unless

9/16/99 Olive
TO
JACK
FRAZIER

PO Bo
987-6

Repair Pentax #99-0826 clz

596-8209
Phototech Camera Serv 119.
510 Pihko

Date: 7/21/99 10:37 AM
Sender: Mike Ferguson
To: George Balazs
Priority: Normal
Subject: F.Y.I. - Loggerhead

Thought you'd be interested...

MF

CARTERET NEWS-TIMES

Turtle finally makes it to the sea

By Kathleen Bliley, Staff Writer

PINE KNOLL SHORES - Never mind his 202 pounds, the loggerhead sea turtle released Monday by the N.C. Aquarium at Pine Knoll Shores propelled himself out of sight in a matter of seconds. It took two aquarists, Bob Jones and Jeff McBane, to lift him from the boat at the dropoff point in Beaufort Inlet about a mile from Shackleford Banks.

The release marked the 6-year-old turtle's first encounter with his natural habitat.

He was sent to the Pine Knoll Shores aquarium as a hatchling in 1993, spending two years there before being sent to a Chattanooga, Tenn., aquarium for a "Gulf of Mexico" exhibit.

Recently, the National Marine Fisheries sent a letter to that aquarium, requiring the now huge loggerhead be released, according to aquarist Stuart May.

The turtle was returned to Pine Knoll Shores for a brief period and kept in a holding tank where the sight of humans would bring him to the surface in search of food.

The effects of his long captivity should not hinder the turtle in the wild, Mr. May says.

"Turtles do a lot on instinct," he says.

The loggerhead won't have many natural enemies in the water either, unless the foe is a large shark, he says.

Its jaws are strong enough to crack a whelk (conch) shell in one bite, says Sherry White, the aquarium's publicity coordinator.

Mrs. White has been one of the loggerhead's biggest fans, often visiting him in his holding tank.

"It's a beautiful turtle; it's so big!" she says. "It's hard to believe it started out here as a 2-inch-long hatchling.

"It's very strong, and its shell is a rich dark brown, a sign of being good and healthy."

The turtle should stay that way unless it meets a bad fate at the hands of humans, either with their boats, fishing nets or suffocating plastic bags, which sea turtles often mistake for jellyfish, Mr. May says.



9/16/99 Olive Ridley's

TO India via Dave Ferguson

USFWS Washington DC

TO VIA JACK FRAZIER
401-5 4025 test
403-5 TO 500-5
601-5 TO 999-5

1498 days

+ 1 application

PO Box 909, Canawana HI 96767-0909 667-9532

N844, N845 VATER DR, Cross - Anwa Co
987-6903 observer "Andy" Alkateham. Penguin Bank Tiger

25
5-5888
LE FEAR
ly Dec 98
USA
9233
x19
660
USA
sette
41-357
Julye
41-357

-0

2016415429111

Date: Wed, 26 May 1999 07:57:57 -1000 (HST)
From: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
To: Osha Gray Davidson <osha@pobox.com>
Subject: December 1, 1972

ANIMAL SPECIES ADVISORY COMMISSION

ASAC. Clearly a turning point, but I never knew how significant it would be at the time. I have been wondering.. What would the course of history have been for Hawaiian honu if I had rejected Hilde's hounding of me to testify at the meeting? I did you know, at first. In fact I was quite upset with her at the time, because she had already "volunteered me" without asking my permission. It was with reluctance, and downright fear, that I went. I had no prepared speech, only notes and thoughts based on Carr, Hirth and Hendrickson's writing that I had in recent months read over and over again. There were clearly sea turtle problems elsewhere distant from Hawaii. Serious ones. Could Hawaii's situation be so different, especially in the face of no protection, no meaningful regulations, and substantial hunting by very efficient methods (bullets, use of scuba and turtletangle nets hundreds of yards long (like Alika used on Maui, Molokai, Big Island)? Or, was it "simply" that our heads were in the sand, too many other things keeping state and federal folks occupied? Were the honu, in some mystical manner, just waiting for someone to come along and speak for them? I had read the "The Voice of the Turtle" by Bill Travis (whom I had met) and the title still rings kind to my ear, as it did then.

So what would have happened if I had not testified, gotten involved? Well, my career would almost certainly have taken a different course. But would it have changed anything for the honu? I think not. Someone else, soon, surely would have come along, grasped the issue, and helped the turtles. So to me, the defining moment of the ASAC meeting was most significant to me, for me. Even if my career- heck, not career- My Life! had not swung to that path, I would have had the satisfaction of knowing I spoke out. I said what I believed needed to be said. I was scared like hell. But the satisfaction of doing/saying what was needed will always be one of the highest points of my life. Bless Hilde for that. Geo.

* George H. Balazs, Leader *
* Marine Turtle Research Program *
* National Marine Fisheries Service *
* SWFSC Honolulu Laboratory *
* 2570 Dole Street *
* Honolulu, Hawaii 96822-2396 USA *
* Tel: (808) 983-5733 *
* Fax: (808) 983-2902 *
* gbalazs@honlab.nmfs.hawaii.edu *

5 OCTOBER 99 ^{Honokohau} KALOKO ^{Scrub wet} (shore) ^{Honokohau} STAN BOND
Tuesday National Historical Park
DMB, SKM & me
30 captures; 6 recoveries
(2 evacuated)
Also 10/8 oahu - S. swell
South
Swell

Marine Turtle Research Program

"Sea Turtle Research, Conservation and Cultural Significance in Oceania." The research leader will give a report on the activities of this project.

George H. Balazs, October 7, Thursday

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Date: Thu, 24 Jun 1999 14:41:08
From: Rod Kennett <rkennett@darwin.ntu.edu.au>
To: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu>
Subject: Re: ASEAN abstract\

www.searchenginecolossus.com

George, JUst faxed you a photo.

Read the Abstract... you and I on same wavelenght.. my vision for our miyapunu (sea turtle) tracking project is exactly the sort of 'bringing together' you describe. Ultimately I want to establish a "coalition" of indigenous coastal communities in the Gulf Of Carpentara region and Torres Strait (and possibly PNG and Irian Jaya) who want to recognise their co-ownership of turtles and want to work together. The WWF involvement I mentioned could really opne up great possibilities.

One extra point you may want to consider and undoubtedly already have is that marine resource management and conservation in general requires us to view these resources as a 'cooperatively owned' Turtles are a fantastic, charismatic, culturally important (etc etc) vehicle for bringing people together and this can lead to cooperation on a whole range of marine resource and management issues. That is my goal for the project I am on.

Oct 7, 90 Hilo Lecture at to "Hawaii Island Senior Institute"

Thursday 50-60 presnt, 90 MIN. UH Hilo Conference Center
200 W. Kawili St. Hilo 96720-4091

Bob Coates (85)

800-955-8584

Hilo (see above)

75 Tanager Drive
Shrewsbury, MA 01545

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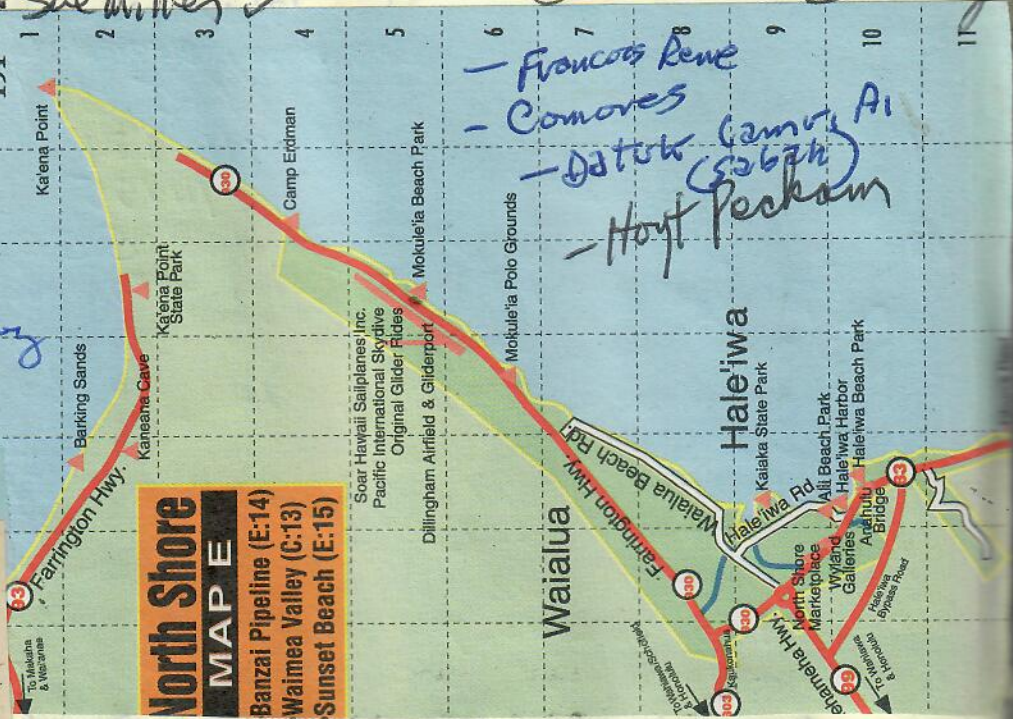
regue 200

MTSG MANUA

- 1 JAVIER H. Mivi ✓
- 2 OSHA ✓ H. Cheng ✓
- 3 Heacock B. Uchida ✓
- 4 Alonso ✓ *14. Rickard ✓*
- 5 Gerry Davis ✓ *15. Andy Tok ✓*
- 6 SKIPPY ✓ *16. Brad Collier ✓*
- 7 Puleloa ✓ *17. Noah Idecky ✓*
- 8 Marc Rice
- 9. AISAKE ✓
- 10. T. Work

- 18. Oscar Ramirez Flores ✓
- 19. Miguel Durosos ✓
- 20. Sue Miller ✓

- 21. Mick Guma ✓
- 22. Pablo Arenas ✓
- 23. Djowa ✓
- 24. Pingman ✓
- 25. John Wong ✓



UH prof's site has cameras trained all along H-3

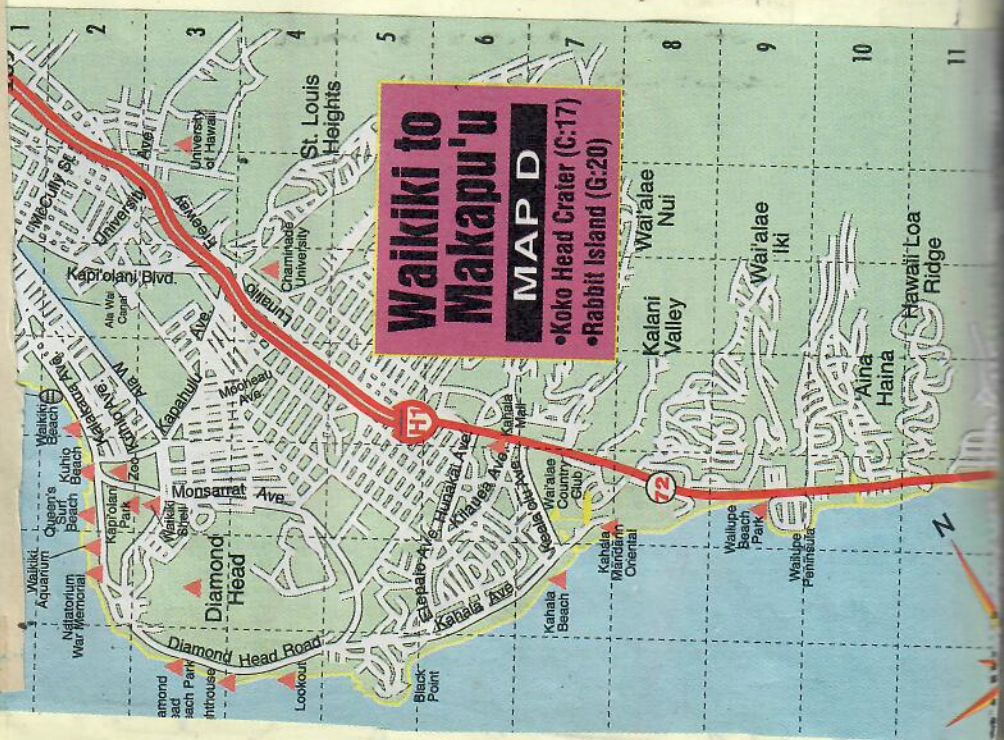
University of Hawaii professor Costantinos Papacostas is slowly covering the Internet with live cameras pointed around Oahu. He has added eight more traffic cameras to his site, which already includes 68 live traffic pictures.

The new traffic cameras are mounted along the H-3 freeway and feature views both inside and outside the H-3 tunnel.

Papacostas' technical wizardry was only part of the challenge, as he also had to coordinate the workings of the city, state and the UH to make the project succeed.

"This is a perfect example of how the university can work in partnership with the city and state to help bring the benefits of high technology to the people of Hawaii," he said.

You can take a virtual drive through the tunnels by motor-ing over to <http://www.eng.hawaii.edu/Traficam/>



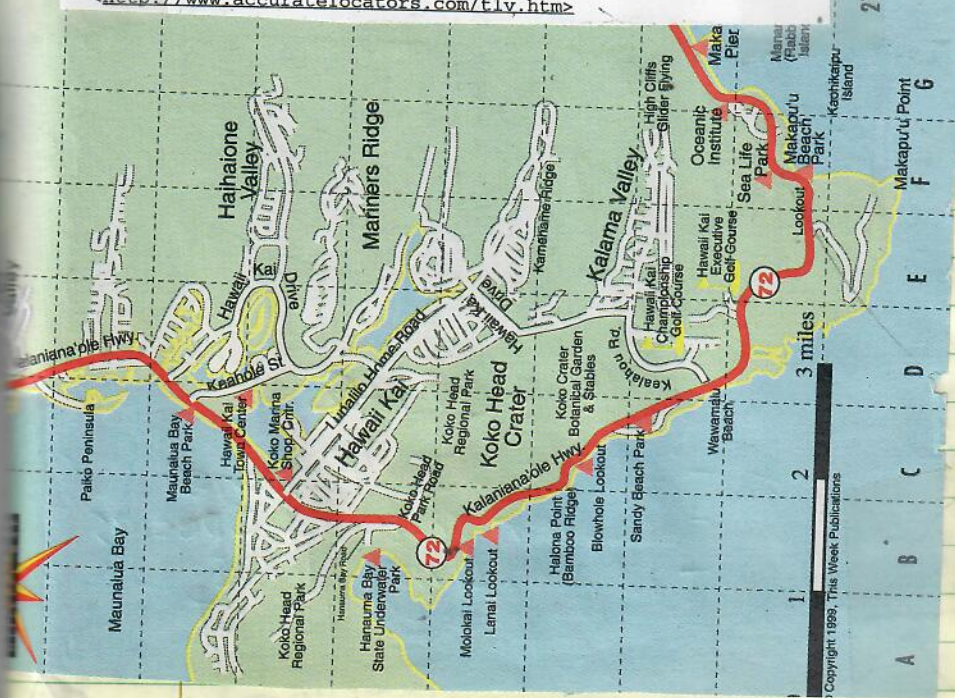
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26 Dr. SHI
 27 Glynnis NAKAI
 Fuji DVC
 DVM 6/AME U
 Sony TRV10 digital cam

NOAA GLOBAL PROGRAM
 123
 25
 45-5688
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I'm not sure what camera Daniel will recommend. I was considering making use of the mmEye web server, which has specific cameras it will work with. There's information about the mmEye and the cameras it requires at:
<http://www.brains.co.jp/eng-ver/e-mmeye/mmeve-1.html>

Finally, the link to the \$12,000 security infrared beast is at:
<http://www.accuratelocators.com/tlv.htm>



At the end of Dec. 1998 you had a credit balance of \$34484.00. You had requested 7.8 platform years for 1999 (\$28860.00) that would leave you with a credit balance of \$5624.00 by the end of Dec. 1999.

He said he doesn't normally split the two accounts, but by calculating NOAA Office of GLOBAL PROGRAM how much platform years that was used in 1998 we can calculate the amounts. PROGRAMS

1092, 2.41 platform years used = \$8917.00
 9092, 4.28 platform years used = \$15836.00
 Total = \$24753.00

NOAA Office of GLOBAL PROGRAM

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Need FP Biblio Reduce Give Destan- TX14064 TAG
 Date: Sat, 21 Mar 1998 09:20:10 -1000 (HST) Freeding
 From: "George H. Balazs" <gbalazs@honlab.nmfs.hawaii.edu> 125 kHz FILE
 To: Barbara Schroeder <barbara.schroeder@noaa.gov> Presterilized disposable
 Subject: Lew injector

Just to let you know that I phoned Lew the other day just to tell him about my decision out here with regard to external tags. The reasons I listed were

we've tagged here for 25 years now, 22 in foraging pastures.

Pit tags have come into existence and at the moment my program can afford them at \$10 apiece

700 flipper tagged on Kona coast since 1987. no signs of tumors, hundreds recaptured multiple times and examined

a year ago I halted all flipper tagging in 1) kaneohe bay, and 2) Palaau molokai

kbay is unique for hawaii because chelonibia frequently grow on external tags causing drag that causes high tag loss

Data suggest growth of tumors at piercing site of tag. But these are not conclusive because the issue is confounded due to 1) flipper tag site is a place where tumors most frequently grow anyway in Hawaii, as evidenced by occurrence on untagged turtles- i.e. stranding data base and 2) manifestation/occurrence of tumors increases with size of turtle, so recaptured turtles tagged at a smaller size are confounded with tag application.

what I do in Hawaii, clearly a difference circumstance then elsewhere, should not be blindly followed elsewhere

I am convinced that tag contamination is not the factor in the apparent higher prevalent of tumor occurrence on tagged turtles is not the issue. Instead it may relate to the wound formed and possible easier access of virus to invade. This then would be a habitat related matter- either lots more virus in the waters of certain habitats, OR immuno deficiency of turtles living in those habitats so that even a "normal" level of naturally occurring virus cause the disease.

I'd appreciate your comments on the above.

Note our rate in nesters at FFS remains low 8-12% and significantly the cases in those percentages are light mild, virtually none of any seriousness and many most look to be in regress dried up growths rather than papilloform pegs of activity. Best, George

 * George H. Balazs, Leader
 * Marine Turtle Research Program
 * National Marine Fisheries Service
 * Honolulu Laboratory
 * 2570 Dole Street
 * Honolulu, Hawaii 96822-2396 USA
 * Tel: (808) 943-1240
 * Fax: (808) 943-1290
 * Email: gbalazs@honlab.nmfs.hawaii.edu

JIM
 F. WOOD = 1993
 Herpetological Journal
 * Release and recapture of
 * captive-reared green sea
 * turtles in the waters
 * surrounding the
 * Cayman Islands.

NOAA FISHERIES
 STRATEGIC GOALS

- Sustainable Fisheries LL
- Recover Protected Species FP
- Healthy Living Marine Resource Habitat

VIRUS GROWN IN LAB: A team of German scientists has coaxed a form of the Hepatitis C virus to reproduce in a laboratory, a preliminary step that could make it easier to develop treatments for the disease.

124
 Midway
 for money
 seen

Sea Turtles
 with Painted Numbers

- 1) Number on Turtle
- 2) Location MAP
- 3) Activity OF THE TURTLE

Swimming sleeping or resting ashore

4) Date & approx. Time

5) Your Activity ON LAND Swimming SCUBA Snorkel IN BOAT

- 1) NAMES
- LOCATIONS
- Mailing address
- phone calls?
- visitation?
- Assistance services

25 years meta!

3900 ^{capture} tag
 2000 ^{adult} female

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MIRAMU

Date: 13 Nov 1998 18:14:47 -0500
 From: Kevin Busscher <Kevin.Busscher@noaa.gov>
 To: gbalazs@honlab.nmfs.hawaii.edu
 Cc: Tim Price <Tim.Price@noaa.gov>
 Subject: Inventory of satellite transmitter kits

DESTINATION (HON)
 MIDWAY 325-5000. 125
 Phil Cowenthol = 545-5688

Copy Shop
 =
 detention - 595 Max
 532-2742
 6072

Observer	Kit #	Transmitter #	Location
	CC	19602	Office ①
	GG	19606	Used - Returned 11-13-98
	MM	19607	Office ②
Eric Lepisto	NN	24179	On Standby ③
Eric Lepisto	FF	19605	On Standby ④
Melinda Morin	JJ	24189	At Sea ⑤
James Hoang	Q or V ?	19597	At Sea ⑥
Hugh Khim	BB	19604	At Sea ⑦
Hugh Khim	EE	19601	At Sea ⑧ - Returned used early Dec 98
Joe Arceneaux	DD	19603	At Sea ⑨
Darren Krock	HH	24187	At Sea ⑩
Darren Krock	KK	24190	At Sea ⑪
John Buchanan	II	24188	At Sea ⑫

Three observers will probably be back in next week (Melinda, Hugh, & Darren), so we will have more kits to send back out. Kits with transmitters 19097, & 19602 are back in from sea with the magnets still taped in place. Those transmitters are probably giving off a false signal. Transmitter 19603 is probably a false signal also. According to the resent email you were receiving signals from these transmitters. Kit GG will be returned to you today or Monday. Also, the transmitter in kit MM is 19607 not 19697.

Let me know if you want me to return the 2 kits that are at our office.

PATSY
 MINK 541-1986
 ABERCROMBIE
 INOYE - 521-4326

ADVERTISER - 525-8090
 SB - 525-8640
 HOND WEEKLY - 525-8084

FAX (415) 291-8722

La Nina likely to bring unusually long, wet winter

The forecast is for relief after dry conditions left by El Nino last summer

By HELEN ALTONN
 Star-Bulletin

Hawaii can expect a longer and wetter winter than usual this year. You can thank, or blame, La Nina - El Nino's opposite.

The winter forecast comes from Anthony Barnston, research meteorologist in the National Weather Service's Climate Prediction Center in Washington, D.C.

Here for briefings yesterday on La Nina at the Honolulu forecast office, Barnston said more rainy systems and small Kona storms may occur here this year, but hurricanes are less likely.

El Nino and La Nina events involve large-scale changes in sea-surface temperature across the eastern tropical Pacific.

Waters are warmer during El Ninos and colder, or more neutral, with La Ninas, Barnston said. The system oscillates from one episode to the other on an average of three to four years.

La Ninas aren't as well known as El Ninos, but they've always been around, Barnston said. "La Ninas never get as strong as the strongest El Ninos, so they're not quite as easy to notice."

He said this year's La Nina will reverse some of El Nino's effects, but it won't affect global climate as strongly.

It is a moderate La Nina - not as strong as one in 1988-89 but stronger than one in 1995-96, he said. However, it will bring wet relief after dry conditions left by El Nino before it faded last summer, he said.

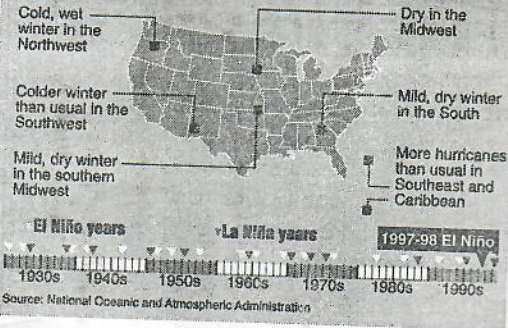
"We're now trying to figure out if La Nina will last into the next winter (2000)," Barnston said, noting "a little buildup of warm water in the western Pacific under the surface." That precedes El Nino, he pointed out.

"The fact that it's small enough makes us think we could have another year of normal or slightly La Nina-ish conditions next year before the buildup of warm water gets to be really significant."

When warm waters move to the western Pacific, leaving cold water under the surface, it leads to La Nina.

La Niña impact is unpredictable

The typical pattern:



"We don't know exactly why it builds up rather than getting transported immediately," Barnston said.

"We think it has to do with the shape of the Pacific Basin, that the distance between Australia and Indonesia and South America makes this buildup possible."

Ocean heat and other conditions are monitored by a network of buoys and satellites. The Climate Prediction Center uses computer models to predict trends.

"It's not abnormal to have El Nino and La Nina," Barnston said, describing them as normal fluctuations.

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 Aloha - 487-3932

NW = 800 225-
 2525-320
 838-1555 \$333
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<http://www.vetmed.ufl.edu/sacs/wildlife/fibpap.html>
<http://www.nationalgeographic.com/bearcam>
<http://www.turtles.org/sickbay.htm>

<http://www.arbec.com/myWebCast.html>
 AMERICAN AIRLINES = 800 433-7300
 cameras
 Traveled on = <http://cit-www.oce.orst.edu:808/hawaii.html>

Date: Wed, 23 Jul 1997 14:09:47 +0000
 From: PETER H DUTTON <peterd@caliban.ucsd.edu>
 To: gbalazs@honlab.nmfs.hawaii.edu
 Subject: incidentally

Blue
 Daily Log
 Peter Ge

How about this: writing this proposal for San Diego Bay got me delving into my old data for the San Diego Bay turtles ... you'll remember one turtle we thought we'd found early stage fibropapillomas in it's eyes... turns out that same individual comes up as a Hawaiian nesting stock Haplotype... (I found a total of 3 Hawaiian haplotypes in the San Diego Bay turtles I sampled...) The other one we noted early stage tumors for we must not have got a blood sample for, because I don't have any stock ID info for it.

COLOR PRINT - Click on file. Go to print. "1200" = Deborah Pruder
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ARGOS - Rod = 01852 ECHART = 127
BAS = 1490 GALVESTON = 79
Cheng = 7269 MMRP = 911
NARC = 1440 GHB = 1092, 90

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JAN - 9K
JUL - 16.0K

Task	Proposal	Amt
8L2BER70	Monk Seal Population	550K
8L2BER79	Monk Seal - New Money	250K
8L2B1P70	Monk Seal - Morbillivirus	21.9K (21,940)
8L1ABA71	Fibropapilloma Disease	282K [replaces
8L1ABA70	Foraging Sea Turtles	14.5K → 12.9
8L2BER74	Satellite Telemetry	209.4K → 187.0
8L2BER72	Sea Turtles TRAINING	28.7K → 25.6
8L2BER75	Hawaii Longline	46.6K

task

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286

Malaysia <http://www.ibec.unimas.my/peny/turtle>
http://ola.icmyl.onam.mx/tortugas/corer_proc.htm
<http://www.uhhmop.hawaii.edu/TURTLETAGGING/turtles99.html>

<http://www.iucn.org/themes/ssc/SPECIES/SPECIES30/REPORTS/08MA>
<http://www.med.ufl.edu/msmba/students.htm>


<http://calamari.ucsd.edu/om/Budget/Default.htm>
<http://www.bio.tamu.edu/tortugas/>
www.surfwave.com
<http://www.nmfs.gov/>

"Amazing Grace" = 1999 Sachin Nifash
<http://members.20l.com/sachinart/index.htm>
www.telonics.com

ROD - ARNIM Land
<http://hpa.edu/turtletagging/turtletagging.html>
<http://www.yothuyindi.com/home.html>
www.2xtreme.net/NLINSLEY/

FP biblio wood & wood
www.freerive.com
<http://www.alohaworld.com>
<http://www.turtles.org/fibib.htm>
<http://www.turtle.ky/release.htm#intro>

NAME = Sea Turtle Conservation & Research World wide website
www.20l.com/SaveTurtle/websites.htm

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Eileen page 577-9944 Tom & Shirley FAKE 395-9711

THIMOSE 734-4921; Mary ANN Cheng - 395-0775
PAUL

ORA MUKAI - 486-5552

PATRICK - 734-8979; APER school - 732-0111;

GILMARTIN AND CASEY JAEAN = 813-9558

TAWN MURAKAWA = home 671-5135 page 641-4498 office 943-1276

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arry and Karen Sakoda - 396-4077

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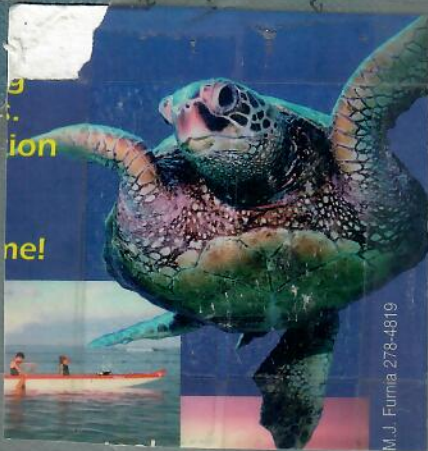
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