

BALAZS

7/91 - 3/92

BALAZS

2 of 2

"SEA TURTLES DOING STRANGE AND
Wonderful things!"

9/12/91 Thurs. ^{VARIS} Dr. GRUNBMANIS HAWAII COA CELLULAR 225-5148
Y830 Z40 Dead in "gillnet" + MARINE Science

All removed

5/17/90 Reef 42 & 43 Quest Cheryl Rosenfeld
DB=20 S=50.2 x 40.1
VB=25 N=50.0 C=53.5 x 47.5
Beck=1 Tumors = both eyes #1 #/neck (3)
#/ventral (flippers) (1) #/tail (1)

PAT=235-3641
EXT 229

now = 50.1
SLA

35Am

Am
10Am

35Am
7 Nov.

~~TMR report sent~~
Hazardous Evaluation and Emergency Response
State of Hawaii, DOTH 543-8249
Mark INGOGUJA

9/13/91 Large green turtle head given to
Terry Lopez for cleaning -

~~Dme~~

Toy says Herteoch
5/21/9 -
or 5/2/9 -
Shark bait or
Shark boat or bite"

Need! ALBERT

Engbring = OUR MINUTES?
E. Pac. MINUTES?

KUALOA =
237-8289

Need
Stay home mornings to write

~~SAT~~
NOV
2nd
FL 7

Tokyo

CONTINENTAL

Leave
1:30pm

Arrive NOV 3
5:20pm

Res. # 760 + 18 # 778
Held
Till = OCT 5th

JPUXWL

7th
FL 8

Leave
6:50pm

arrive
6:40am

Service Center =

Wed 9/25/91

Kevin Beamer-derfer
Heide Meister
Jason White
Nicola Darby

9/14
Sat

9/14
Sat

Bob Hornot Tech
Tues 11am pickup

Kim's student

9/14/91 JACK Petersen - off
Strand - HIMB
SAT. TUES
Head rotting

9/14 called 7:45 pm at Home
Sat John Godwin 235-4408
HIMB Caretaker student

"Decapitated" turtle found by Gilipuna Pier - towed to boathouse of Coconut Is.
LATER Disposed of By TOM "Sunk" CARETAKER
I NEVER SAW IT.

9/16 - 9/17/91 MARK Reef UW video Losey

Karl

ERIC
Thurs 9/26
All day

Bob Morris + Tech
Tues 11am pickup

Mon.	Wed.
Morning	Morning
↓	↓
12 noon	12 noon

ALLYSA WARD - Monday 10^{am} - 1^{pm}
Thurs afternoon

Marc Lammers TUES, wed, Thurs
all day

~~Brenda - Mon, wed, Friday~~

MARK TIMKO - wed. eve / Thursday morning

72
9/23 collect
call

NESSA *

Thurs

9/19/91 730 pm - 830 pm

Night dive at Mark Reef

0.6+

low
Tide

w/ MARK TIMKO and Scott Sullivan
I saw 14 turtles.

2 small (both w/tumors)

12 100lbs (approx).

only one of these had tumors.

No flipper tags.

"Large ones were occupying
holes" where turtles seldom
or never seen during the day.

9/20 MARK Reef & AOL w/ ALONSO AGUIRRE
FRIDAY & M. FINN
4 captures & Beth Zimmerman

9/23 Mark^{Reef} & AOL
Monday w/ Kael

9/24 Mark^{Reef} & AOL + TRACK #8
Tues Russ MiyA + Bob Morris

9/25 Mark & AOL 7 Captures w/ MRE
Wed. w/ Kael (all new)
1 mark 6 AOL

396-0933 Hong 395-4900
927-4219

9/19 Jeanne - Harau Bay Cauter
Turtle w/tumors has been hauling
out every site 8 pm w/tumors

9/26 Thurs. picked up by Alan Hong & Robin Bond
9/27 FRIDAY TO A2

2 turtles seen w/tumors and Kathy
Mrs. Scherman's ledge

9/21/91 261-6281 PAT ERWIN

SAT. 9/20/91 5 pm 951 KAINUI
sighting KAINUI, HI, 96734

but Docae called me at 630am Sat!

~~need~~ KAWAIIKI Coral
PATRICK JOHNSON
261-2532
Address
THE TURTLES
IN
KAWAIIKI
DIARY

9/22 Sat. K Bay strand.
John Goodwin towed rotting
turtle from yacht club to
Moikens - HIMB
GTH = ~ 65 cm very rotten, no
tumors or tags -
IMPACT (boat) to carapace.

9/24 Tues Rotting turtle w/tumors seen
between Coconut IS & Kaeohe Yacht Club

HPIA

W

KEAWA NOU, KONA

7 OCT 91
only 1 capture

ALOHA -

7 OCT

550mm

6:40am

8:45

FL 88

9/2

KONA Palisades
TO KAIMI NANI
2 miles

FL 485
6:15pm
return

7:45pm

*

Budget \$1599

7477974

RIGHT
AUMA ST.

RIGHT
AUMA ST.

73-43
2nd driveway left

9/29/

Igloo Box 19322
Houston TX 77224

(713) 465-2571

6/10

Need - Nehoba call

AA

W/ERIC HILL
3 caught

1 caught 1 caught

9/26/91 AOL and Reefs 42 & 43

5 CAPTURES - all with tumors.

Many sightings at 42 & 43. Cleaning station
at 42 on top of reef.

* Two large gillnets derelict on the bottom
on 42. 42 has large turtles - several
with no tumors seen.

need Scuba to clean
them up.

9/29 sent

Barbara Coleman (Enchanted Lake
604 WAILAPO St. Elementary
Kailua, HI 96734

Bill Curtsinger (202) 715-6528
photographer (207) 761-0955

need sent

Kathy Moran
Ill. Department
Nat. Geo.
17 & M NW
Wash 20036

sent

Need - Celeste Tabrah symposiums
HPA

10/8/91

"Spearhead"

Kewalo -

Applied today

SL 47.9
SW 37.1
CL 51.0
CW 45.0

V104 - RFL
V106 - RH
V105 - LFL

Loosey
pair of
pliers used -
not lock well

Right shoulder V104 NS

Left neck V105 NS

Biopsies
for Sid
Simpson

"Thumpy"

Sample ID

SL 51.4
N 50.7
SW 41.8
CL 55.5
CW 49.5

STP1 - NS (right shoulder)

STP2 - NS (left neck)

Biopsies for
Sid Simpson

Biopsies
for Sid

Mo
Rec
10/7

SL

10/7
Mark
Reef

10/8/9/Kewalo

N 849, N850 N851 RH

V102(13-4) (new)

SL-56.7

N-56.4

CL 60.5

CW 54.5

SW 44.8

orig tagged MARK Reef) cryo By Morris
4/29/91 SL=56.6

Sample ID CL=61.0
107 Barns

didn't bleed - Sample # N849 FT dark dorsal neck
(3cm long)

Biopsies
for Sid Simpson

N850-T = pink 1.5 cm on left neck
slight bleeding

Mark
Reef

N685 LF N684 RFL

N687 LH

N686 RH

Healed
Tear where
this
tag
was

10/7/91

- #3 left neck; white-bleeding
- RHF dark tumor - no bleeding

SL 49.3

N 49.0

SW 40.4

CL 53.0

CW 49.5

Biopsies for
Sid Simpson

Sample ID

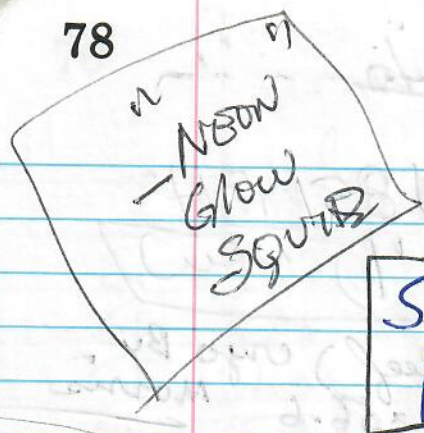
N684-T = neck

N685-T = R.HIND.

orig. tagged
4/28/91
Mark
Reef

SL 49.0
CL = 53.0

146 Barns
all removed



- Need - Mrs. Schermann
 - Whitlow 956-8640
 ✓ - Polovina - FFS
 ✓ - draft instructions TO UCHIDA

SUPINE - ON BACK
 prone - ventral side down

✓ need - Watkins & Schevill, 1975.
 Report to
 Sperm Whales affected by pingers.
 Deep-SEA RESEARCH
 22:123-129.

11/3/91 2,890¥ Train - Naita express -
 (11/4 160¥ subway 2 x 140¥) = 440¥
 (11/5 650¥ DAY PASS) 840¥
 11/6/91 650¥ pass;

INPFC 2-7 NOVEMBER 91

TOKYO MEETING

⊗ correct name

French Polynes.

Telco

10/31

Telco

11/4

YEONG GONG

CATCHER
 FLYING FROM

French Polynesia 11-26 OCTOBER 91 TAHITI 79
Sully and Bellingshausen

Telecom Trevor Daly - Greenpeace
house office:
61-2-555-7044

Home:
61-2-665-8751

PONAPU, HAWAII
ALOKA AIRLINE 836-1111 957-0800
12 NOV 915am FL 414 # 2578613
13 NOV 5:40 pm F65 TROPICAL
#45 MINIVAN

need - VAN
10/31 sent update shark list
Allen Dekelbourn MD
Telecom 3838 Calif. St
Sunt 505

San Francisco 94118
11/4/90 TOKYO INPFG SYMPOSIUM
KOREAN SQUID DRIFTNET FISHERY

YEONG GONG 86 mm & 105 mm mesh most common

1000 POKS PER NIGHT
April-May start 160-170° E
move to 170 West
Then way back to west near Japan

CATCHES
FLYING SQUID
FROM 10-50 cm

INPFC
TOKYO

11/5/91
TUES.

When Japan drifted in S. Pac.

Tasman Sea - "large numbers
 of leatherbacks taken"

person = ~~HATAWATA~~

Parasites ^{salmons} as "tags" for
 stock origin,

Scale-pattern analysis for stock ID
 - Bob Walker paper.

Law paper - what are the standards?

- where is cut-off for sig. impact?
- Can conclusions drawn here
 be applied to Sec 7's, permits
 for "take", etc.

Northern
 right whale
 dolphin

QUESTIONS / CORRECTIONS / COMMENTS
FOR WETHERAU ET AL. PAPER

11/6/91
IN PFC 81
TOKYO

1. FAX Uchida - ASK ESTIMATE FOR ^{ANNUAL} LOGGERS IN JAPAN
2. Jones & Hobbs (standardized?) "per 1000 ^{STANDARD} tons" (ie. 0.64 to 0.77 cetaceans per 1000 tons)
3. Jones & Hobbs 1990 bycatch \approx 33,000 animals of of take = ^{all dead?} (least 17 species of MAMMALS most in Squid fishery)
4. J&H = source of imprecisions: ① "unobserved bycatch of observed sections" & ② "violation of the assumption of normality in the distribution of bycatch per 1000 standard tons"
5. ① above in 4 - ANIMALS THAT WERE INJURED BUT NOT CAPTURED BY THE NET, AND ANIMALS THAT WERE KILLED BY THE NET BUT FELL OUT BEFORE THE NET WAS RETRIEVED (OR (my comment) eaten by predators)
6. J&H p.11 "IMPACT" = ARBITRARILY CHOSE A FRACTION OF THE TOTAL POPULATION THAT MAY BE TAKEN EACH YEAR. IF EXCEEDED, THEN IT'S IMPACTED. "APPROACH USED FOR LARGE MAMMALS HAS BEEN TO LIMIT FISHING MORTALITY TO NO MORE THAN 2% OF THE TOTAL POPULATION" THEN ESTIMATE POPULATION SIZE NEEDED TO SUSTAIN SUCH A TAKE. APPLY THIS RULE TO EACH OF DIFFERENT "STOCKS"
7. p.12. A SIMPLE METHOD LIKE 2% RULE CANNOT ESTIMATE IMPACTS OF DRIFTNET FISHERY THAT HAVE ALREADY OCCURRED. \therefore NEED TO ESTIMATE INITIAL POPULATION SIZES. (Hitler - Fitter)
8. p.15 "OTHER SOURCES OF MORTALITY"
"Some species caught in high seas driftnet"

Northern
right-whale
dolphin

Fisheries are also caught by other fisheries (take). In addition, Risso's dolphins were frequently sold in Taiwan fish markets. The extent to which these sources of mortality affect the same population is generally poorly known. However, the possibility of this additional mortality MUST BE CONSIDERED IN EVALUATING IMPACTS OF THE HIGH SEAS DRIFTNET FISHERIES".

ie
long line
turtle
take

9. No mention in J&H regarding growth compensation.

10. J&H Table 10. ESTIMATED EFFORT " SAME AS WHAT WE USED? They use per "1000 TAN DAYS for the years 1978-1990.

11. page 14 (JAWGB paper) ADD "HIGH SEAS"

12. J&H = Table 11 "Mortality in other fisheries" includes "Debris entanglement"

wed

Tokyo

INPFC

83

11/6/91

— — Gould
Projection to total fishery = 8,000 birds

Gould = Albatrosses feed on
net catch — take turtles too?

Laysan — all nest NWITZ

(Note millinery trade)

Laysan — breeding site specific

recolonization is slow

1987
LAYSAN / 800,000 birds
2.5 million pop.

Tern Island — 1985 LAYSAN ALBATROSS
Sharp decline.

Laysan/Blackfooted — decrease
on outer islands, increase on Tern
Island.

1/6 LAST PAPER

MANI met in Seattle

SHIGEO HAYASE — Subsurface nets
2m below surface

Turtles more frequent in upper section?

Exclusion
device — 2m

like
TED? | 11.5m..

~~HUTE~~

12-13 NOVEMBER 91

PUNALOU #17

24 Turtles (7 new, 17 Resightings)

~~11/20/91 TO AloHA FL - 88 6:40am
 Web Kona ⁸³⁶⁻⁸¹¹¹ ~~FL 97 4:50pm TO Honolulu~~~~

~~Rental Car Tropical \$15.95~~

Need Thomas Cooke Tickets Deliver

Dean

UMFS
 DO CASE
 EMAC Phil - Green weather printing
 PUAKO Summary

Dollar

National \$22

\$15.75

Hawaiian Air - FL 128 6:50am
 537-5100 FL 287 5pm

11/14/91

AUS

6 Tongans
 Kuluouou 6/25/86 newspaper stories

9101
9102

10/2/86 released NIU valley

38.1 cm → 54.7 11/14/91

5/26/86 speared off Maura Lani
 ∴ 4 months rehab at Kewalo

Cleaned aid to Kewalo 11/15/91

5.08 years

5 years 1 month

16.6 cm increase

3.27 cm Year Increase

Sent 1:30pm VIA FRANK DOCAE 587-0077 85
then JAMIE PETERSON NEW NUMBER
11/16/91 ANITA 94-396 PINONO
Saturday office 637-9913 MILILANI 96789
216 Haleiwa - Tutu on the beach

"will dispose" Fresh Dead NO TUMORS AND INJURIES
Tel. cust. Shelf only?
643-3456 61-289 Kam Hwy
1/2 mile Haleiwa Side of Waimea Bay

Bowen - home 404-0245
office - 404-542-1457

11/16 Morris - SLP pathlings - bacteria in mouth & throat. Successfully treated

11/15 - 11/16 MOLOKAI Pick up dates Molokai
Bullpens - Puleloa & Medeiros
32 + 13 (1 TMR let go) = 45 TOTAL
11/15 Friday 11/16 Sat. 36% TMR
18 TAG RESIGHT

Re: Sec 7 Naalehu
Pele Hanou - 929-9047
P.O. Box 472
Naalehu, HI 96772

Dennis
John Pettigrew 637-3434
fishing line around flippers
beaching itself frequently at site.
Did they ever cut of line?

11-18-91 Overview

Monday

- FACT Finding & info - Palau 1/2 day
- concerned about meshing with Palau sea turtle recovery plan.
- Single greatest impediment / "A person in charge" RESEARCH
- Felt "Let's take it slow & sustainable program."

Maragos - where turtles nest now where in past
- Rapid decline where 1960's Adults collected
for TOLA

- More general decline where eggs collected

need Sato's Status report - need
Green permit for SW islands in Palau
TO → Guam

Unhappy Roffo

- Aerial survey - Turtles ^{needed} census.
- Newspaper article - car, boat, gear
- "confiscated in turtle case"

Guam ^{Roffo} in pretty good shape with turtle ^{managing}

Saipan - PARACIO: Terry Donaldson

Local enforcement non-existent
Contract workers - Filipinos, Carolinians

3 areas - Common thread

① Dedicated person & ② basic distrib. data,

Coloring book

need
enter
into
DATA
SHEETS

check

Sent 11/19/91 TO
SLP houses

E09 - E024	(16)
E026 - E050	(25)
E051 - E075	(25)
E076 - E100	(25)
<hr/>	
	91

Movel
Size #1
"NMFS"
Inscription

11/20 GI tract Express Mailed to NYSSA KUSTIC - HILO
from Waianae Stranding.

11-19-91 Team meeting (Day 2)
TUESDAY

11/20/91 PUAKO / Scuba w/ Phil Williams
Wed. (Started at ~ midpoint of
study area - 60 minutes - 9 seen (turtles)
along habitat transect of cliff edge.
2 captures and those were the only 2
seen resting. Other 7 on the wave, one
of which had tags are at a LFF distal
site (689, not plastic).

At start, we watched 3 turtles for
~ 10 minutes - worn depression in
top of coral head?

11/20
HYATT
WAIKALOA
None seen

Td. Murray talked to him
Cutress = 809 - 899 - 2048 x 209
832 - 0857

2-28-91

TM (3)

+ 10/17/91 Mark

S-49.0 N684
C53.0

MARK Reef

Prepared Sampled Reef
for Sid Simpson
Study

N685

11/21/91 Picked up ~~R#686~~ ^{R#687} ~~Teardrop~~ ^{LT 687}
STRAND - KANAWU → TO A2 SL = 49cm

Processed: 11/26 NAVIGATION BROUGHT fecal pellets - 23 in 100 YARDS

11/22/91 SENT Russ to Kailua Beach Park - Friday. He covered 1/4 mile of beach - 2 fresh small and 3 saw dried in Hightide debris line. That's all.

Recovery

BBA 417 LFF EAST 11/7/91
Martin Schultz - Bird volunteer
from Australia.
Relayed via Nannette Seto FWS.

7/6/89

original

BBA 417, Y533 *engraved Y534
S = 80.7 C = 86.5

SITE "A" PALMQU
Molokai

TAIL = 31cm MALE? LHF AMPUTATED

Report from

Jack Peterson

Kim Holland's lab

236-7430

Field trip
Tumor
workshop
SL=48.7

Brad

Entered into
TDPs

Seem near

12/7/90

N558, N559
AOL TIME 2

(He has tag) to me

11/9/91

MRTC

Manuelita Research
and Training Center

Released MR

no visible
tumors
decomposing

Straight w/ stick = 48.9 cm

Left on beach.

MAUNA LOA Hotel = N891

715/91 Keana Nui
SL=6089

TOA2
Freezer

N892 > Kora Docaree
HAS in freezer along with another
tagged one.

11/7/91

found. plastron
cut off
+ front flippers

Barbara Taylor NRC
3 months

Mike ~~Sisson~~ - Chief scientist - fish stocks

TOA2

See
p39
HPA #9
eng. 1st left.

Y283 RF 8/9/91 Found
Frozen at Kiholo Bay - NO EYES.
eaten out.

William McConitt
DOCAREE
Kona

Orig. TAGGED 1-24-90

weight = 28 lbs

hand capture 9-10 pm Kiholo
SL=46.7 N=45.8 CL=49.5

CAPT VICTORIA Skippy
TENGAN M.P.D.

Shredded clothes exam.
See newspaper article.

90

~~Sandwich report~~ from JACOBSON

A. Dean Stock
Director, Cyto Genetics Lab
888 Willow St.
Univ. Nevada
School of Medicine
Reno, NV 89502

~~sent~~

(702) 334-3477

~~cynthia~~

Molokai wed Friday
4-6 Dec 91

HAWAIIAN

FL 700 6:20 Am

Budget intermediate #30

Pau Hava - #45.

Hawaiian FL 775 5:15 pm

(Keolu drain)

Murray Dailey
?

Brachidontes crebistatus

is the bivalve stated by Cutress to have Cicoria

25 NOV 91 Seminar in Microbiology Dept -
"Aspects of fibropapillomas affecting
the green turtle, Chelonia mydas"

Sent

Paul Patek

Sent

Microbiology Snyder 207

Kimberlee Heddle

413 Snyder Biochemistry

Sent via Pete Hendricks

11/25
Telecom

Ralph Stevens - Kailua-Kona
Hale Boe Dr.
Kailua-Kona 96740 Harbor patrol

B. plane over Kiholo Bay saw man with
net and turtle (IN INFLATABLE).

DOCARE - Mike Hill.

Dave Summers - Harbor Patrol
Peta - Harbor patrol

92

Cust sent
(Gilbert?) clothing

CAPT Victor TENGAN
JUVENILE SECTION
55 MANAHAN ST
WAILUKU, HI 96793

244-6493
6350

Release needed

Records
Division
Attending Keith
Lt. ELDER

11/27/91

Commander Juvenile Section
& MISSING PERSONS

Jeepney shirt - puncture wounds
Shorts - Shoulders to crotch

Large wave swept father.

Pole jerked out of son's hands

Swept by wave
Excellent Swimmers

47 y.o.
Korean Marine Corps - excellent physical

Abusions on legs - blood in water

4pm 11/19/91 Missing person 1119 91
SUK KYU PARK (Son-JONG PARK)

2314-A West Main St. Address
Wailuku, HI Flushing
Queens, NY

Clothing recovered by five rescue divers in
waters off Maliko Pt, Maui
Recovered by OFF. D. MEDEIROS Date Recovered
11/20/91 1630h

Clothing = "Grand Slam" by MUNSINGWEAR, size large
pink/white collar, aqua top white bottom w/ blue & black
horizontal stripes. 1 men's briefs, size unknown
BRAND unknown

United
11/27/91
19,035
Photos of clothes
1) Flushing J.N.I.
2) Penitax office
3) on my case
4) Russ holding them

Jill Engledow
MAV News

3550 Waiuku
96793

521-4653

Jim Witty Tribune Herald 935-6621

EU Carol COX 11/13/91 PHOTOS
MASSIVE TMR EYE
9101, 9102 S-54.7 x 43.9
N=54.6
VISION

11/29/91

A2

w/BOB MORRIS

Head to B.P. Museum
Terry Lopez 37 lbs

C=59.0 x 53.0

EU

11/21/91 Bob Protes Kahalu

Hygenic

N684, N685, N687

S-49.2 x 40.5

N=49.1

C=53.5 x 49.5

MASSIVE TMR NO VISION L. EYE

NO VISION
MASSIVE TMR
Jelly like - left eye

FRESH ORGANS FROM BOTH OF THE ABOVE SHIPPED TO Murray DALEY - MANY PARASITES FOUND! GI tracts refrozen

MARK &

12/2/91 Reef AOL w/Mya, Steve Kolinski and Roy Bidwell

11/19/91

MAKIKO

is Steve

newspaper report

SUK KYU PARK

says 51 years old

↑ ~~PARK~~ or ~~PARK~~ ↓

KEKAPA LEE
LAHAINA CHURCH
537-9516

ASTOR

sent
12/5/91

LAHAINA

535 WAINENE ST
LAHAINA 96791

WAIOLA Congregational Church =
661-4349

^{Oahu}
Waialeale - Kahala Chapel = 737-6611

Dick Green - family friend.

Woman's name (Sorkel partner) =
Louise SOURISSEAU
from Canada.

ANN and JACK RUDLOE

Box 428

PANACOGA, FL 32346

(904) 926-1683 FAX

(904) 984-5204

Need Aunt
to call

BORA
BORA sent
STONE

Scout

CHIEF DANIEL AYALA
HAWAII COUNTY FIRE DEPT
466 KINOOLE ST.
HILO, HI 96720

Tel. 961-8297 ⁹⁵

Mother
SHARON
Scout

9th grade - McKinley High School
Student - Joe Science class
Elm

Karen Unten → 533-3404
2163-A Booth Rd
Honolulu, HI 96813

JOE ELM =
395-8226

* Need

Mike Moser (263-3490)
355 ALOA, Apt E-203
KAILUA, 96734

Title for talks: ①
②

Letter sent for address
THA Adventures

Terry McMurray Re: EMIL UHLBRECHT
December 1900
LESA Thompson
EXETER, CA

Nov 91 + Dec 91
86 TOTAL (31 w/TME = 36%)
27 TAG Rec = 32%
27 TAG Rec
10 w/TME = 37%
59 new tag
71 w/TME = 36%

4-6 DEC 91 PALAAU, MOLOKAI
SITE F - 41 TOTAL

Cloud over THE REEF

Letter sent 12/9/91
NANCY WEYAND ~~878-6782~~

TMR Report
Michelle HETLAND
sent 1650 KANUHI St, Apt 941-8834
1315 Hono 96814

sent TMR Report

Mr. Chip DEMAREST
USFWS
P.O. Box 50167
Honolulu, HI 96850
EPA contact
ALAN
Demarest
EPA

sent 12/9/91 TAG Recovery
572-7891
951 KAULIKOA Rd
David Wallace HAWAII 96718
Hookipa, MAUI
W-313
on the end of Hookipa
TUES 12/4/91
1AM fishing from Shore

original

Nesting 6/6/89 W312, W313, W535
CL 103 cm
40.5 inches
No Tumors
EAST IS. FFS

"Occurrence and effects of
 barnacle infestations on diamondback
 Terrapins" by Richard SEIGEL
 Museum of Nat. Hist. Univ. Kansas
 Lawrence 66045

TAGS

12/9/91

R2201 - 2600 Received from SPREP
 + 2 applicators TITANIUM

~~Ann~~ Estelle Cutler

422 Keawe St
 Honolulu 96813

GUND CO.

Stuffed animals

Dieldrin
 Chlordane
 Sent

Mark Stephenson
 408 - 633-0253

Long Marine Lab

Cindy Hunter's Husband

MOSS LANDING MARINE LAB
 P.O. Box 747
 MOSS CA
 LANDING, 95039
 + Fish
 CAT. GAME

USB corp. Sent to Bob Morris 12/11/91
 (PEPSIN 1:10,000 100g) TRYPSIN 1:100 100g

MARK WEXLER
 Nat. Wild. Fed. (703) 790-4000

Telecon 12/11/91

Need
 list
 update

SUSAN BUECHER BP Museum 848-4150
 44-311A Kaneohe Bay Drive
 Kaneohe, HI 96744

Kepapa

Honolulu
 537-9516

- ④ - Mask & FINS
 WATCH or jewelry?
- ③ - Color of Swim Suits? one piece
 2 piece
- ① - Description of what happened immediately
 before attack - i.e. from time
 shark first seen until attack
- ⑤ - Fish feeding?
- ② - ^{Could} Companion injured - what extent? ?
 manner?
- ⑥ - Anything else, info to provide that
 possibly may be important?

Ant

Some questions about Companions

12/14/91 ^{Postman} Telecon with Lloyd Osato
Sat. Box 4545, Howo 96812
Tel. 833-1096

56 years old - used to sell turtles
90⁺ lb fisherman wharf - McWayne.
Scuba Dives all over - fish, squid etc. Seeing
more tigers (3-4 seen), Territorial.
Doesn't believe they go off or deep ~~at night~~
during day. believes turtles are attacking
them in shallow when otherwise they
would stay offshore.

^{weed} ⁷³⁵ ¹⁻³⁸⁷² Jake at Atkins told him that
JOHN WITTE saw a tiger attacking
Paullette a turtle while with a pine
tour from Kavalou Ranch.

Telecon
12/17/91 Debrah Page - T-shirt
for Japanese Client
Harlequin Nature Graphics
16145 old US 41
Fort Meyers, FL 33912
Sent

Brent Norberg (206) 587-3222 FT5 392-6933
Nov 91 "65" lb green S. Oregon
Seattle Aquarium alive, but then died.
Necropsy

221 MAUI WAIA LANA WYOMING 96793

Agent Maui Memorial Hospital = 244-9056
Bert Freeland

Telecon 12/18/91

244-5811 office ^{Home}
"Assistant to the Medical Examiner"

DR. Gut

Honolulu Morgue Library

① Marine Police photos

Keith Keau - ^{MAUI} DOCAEE - 281-8470

② Maui Police photos

Calvin "Oloy"

DOCAEE MAN ON THE SCENE -
(Went on workman's comp. AND
GOT COUNSELING)

need

Louis SILVA - DOT -
(was present at Autopsy)
Took photos

Marine patrol
871-6822

LOYAL LANAIA

11/22/91 Dead Stuck in net at Alamoana
Sunday Beach Park - Life Guard called DOCAEE,
Turtle

Gary Gill 255 AUALI ST. APT. 105
Waipahu, HI 96797
James TO A2 freezer.
w/ Hoathine

Sect.

Maui Fire Dept. Witness?
Scott Koukhaline sp?

ECOLOGICAL ASPECTS OF GREEN TURTLES NESTING AT SCILLY ATOLL and Motu-ore in FRENCH POLYNESIA

12/18
mailed
with
\$15 check

(NOVEL)

Do something in a new way

INNOVATIVE TECHNIQUES TO FACILITATE FIELD STUDIES OF THE GREEN TURTLE, *Chelonia mydas*

- ① Rope to weigh
- ② ANIMA BAG
- ③ SPECULUM
- ④ Dremel
- ⑤ SIGHTING CARDS

12/23/91
Mon.

Chuck Schaeffer
FRANK Schaeffer
5366 Cedar Dale Lane
West Bend, WI 53095

" 2' turtle
w/limps on
the beach,
at Kewela
(near Walker's House)
went back.

Kittolo		
1/13/92 Aloha Fl 202	9:35am	
	Next 10:55	10:09
		11:29am
1/15/92 Aloha Fl 281	3:40pm	
Tropical 262 1055	4:41pm	
		\$39.95

ART'S BEACH
LAUKINUI
(Cove Bay)

Sent 847-8414
Ms. LIANA Honda
2601 PUNA ST.
See #56A
p.103
Honolulu, HI 96817

UA = 547-2211

Jacksonville, FL

22 Feb. 1:30pm FL 190

ARRIVE Jacksonville 23 Feb 11:20am (FL 768) via Chicago

29 Feb 29 Feb 1976 11:53am

Leave Honolulu 29 Feb 10:37pm (FL 817 via SF)

\$ 978.91

need USA
SE trip
Res. until
9 JAN

American - 800-433-7300 Dallas - NOT ATLANTA
FL90 24 FEB 12:45am Dallas 5:34pm 24th

29 FEB 8:20am Dallas LA 4:56pm
21 day \$1780.00 #75

#726
ONE-PASS
GAINESVILLE

Delta
or TWA

FL1566
10:35pm 23 Feb

24 Feb
5:30am

Amer 1192 7:10am
NASHVILLE 12:60/55
JACK. 4:21pm

Continental

523-0000
29 Feb Am 11:06 8:30
NASH 9:10 9:50am
Am 10:45
LA 12:24

Houston 153

FL 1224 / 23 Feb 2pm leave Honolulu

Delta
FL 1579

31 JAN #596

I20KCS

FL 1181 29 Feb 7:50am JACKSON
ARRIVE 4:15pm Honolulu

Continental 8 AM - 3pm arrive
Daily TO Honolulu + Sunday M or day Wed
2 PM - 9:20pm arrive
10:25pm 5:35am arrive

Transferred
JIM, Thomas look 1/3/92

1/29 wendy
reser. ok

298
263
661

4756 mallets
each way 903
FL 479 945
11:12

AC ^{need} VHA Shanks
KARENNA

Mr. BOB DVORAK
P.O. Box 44341
Kauaihae, HI 96743

See p. 101

12/29 Waiianna - DOCAFE
Sun + HPD 2 small A-2 freezer

sent ~~x~~ found turtle - to A2
in front of home Petren ^{KEN} 228-3964

U.S. San Diego

84-715 UPENA St.
Makaha, HI 96792

sent (Dr.) HIROSHI KATO 235-7445
Sean of Instruction

Telecom WINDWARD Community College
1/3/92 45-720 Kaahala Rd.
Kaneohe, HI 96744

Younger Fijimoto still at Florist shop.
Nephew = Muroki

"She" = 4 & die 4 don't go fishing -
only one will return.

"OBAKE" (Ghost) waka

sent Keolohanui 41-665 INO AOLE
1/2/92 Doreen 521-3861 WAIMANAWA, HI
license #.
Faye Turtle in back of truck ^{WAIOLA} ST.

LOUIS SILVA TELECON 12/31/91
871-6822 DOT Marine Patrol

103 ALALUINA ST.

KAHULUI 96732

He was present at autopsy; took official photos. Bert Freeland should be sending him a diagram showing locations of all injuries.

Buttocks has semicircular bites, ^{cuts} right to left, one 8" and are 5" long.
2 teeth marks in spine. Lungs showed (froth) drowning ^{inconspicuous} had occurred. Blood in uterus - "got out of menstrual cycle".

- Right leg gone at the joint - pulled out socket
- Left leg sheared clean thru femur at 3" below hip joint.
- Right hand gone.

- Left arm has all muscle stripped to the bone from shoulder to elbow, thereafter everything intact.

Tried to grab on back (get a bite hold) but apparently wasn't able to so stripped skin off.

Bite on abdomen left side.

Left breast 2/3 gone.

Lower intestines gone.

Upper intestines and all major organs still there.

Left side of neck 4-5" cut, but no veins or jugulars severed.

Victim ahead of companions (presumably swimming seaward). Shark passed between them, brushed companion, turned around and attacked victim.

Full MPD report.

Howard Toyameri - Captain of MPD.

Classified as "Miscellaneous Accident Report"

Person ^{employee at Monnell's home} said that launched surf board, then turned around

NAME = NATHAN KAMISATO

need to interview

Neighbor
Crushed
Boat =

SIWA

LANIOPOKO - Porpoises seen off these.

Oldtimes tells him they attract AKU, AHI and Tigers (especially old and large ones, less swift and less capable of hunting.

Also, question of whale after birth.

T-Shirt Factory

BIWING AIRPLANE

Richard
Mr. OLSTEN

877-3513

Reportedly regularly saw large shark off OLOWAN I - whitish in color.

"Shark Hole" - 20' of shoreline
Helicopter business 4-6' long

RICHARD OLSTEN

AIRPORT ROAD
KAHULUI, MAUI 96732

6 JAN 92

GHB, CHoy, Mya & Joel Moribe.

Monday K BAY -

new site KAPAPA CHoy = 8
& twin #1 & 2 = 5

(13) total

1/7/92 - meat

Shank meat diet

Kevin FOSS

7340358

cellular = 223-2000

525 KAPAHULU

#424

Honolulu 96815

1/8/92 Scott Henderson NOSC 257-1538

1/7 capture
ipm

13' tiger - 3 turtles
various stages of digestion

~~Tiger~~ Norman Chun NOSC 257-5421
11'4" 1014 lbs

13-15 JANUARY 92
KIHOLO #13

62 Greens
1 hawkbills
(Grevin)

"GREVIN"

254
10-18-89 SL WT
32.9 9.5 lbs

1/24/90 36.2 11 lbs

1/14/92

4/21/92 46.7 25.5 lbs

sent to
~~meat~~
More
Rice

tel
527-
6777 \$5
1/7 sent

Dept. of the Med. Examiner
835 Iwilei Rd.
Honolulu, HI 96817

107

1/10/92 Larry Yeagley Ilihai
Telecom Shirts - Maniit 949-3811 Rm 417

1/12 Ken Doney telecom Terry Crow
Sun 422-1285

1/12 Russ? Dead "hawkbill" w/ tumors - Hochman
Telecom Ken Hanson (Agent) 907-486-3298

2/10 Kodiak college - Gil Bare (Herpetologist) ~~LOGGERHEAD~~
no head

1/16/92 Telecom Brad Hanson FWS 871-
NMFS Box 21668 7235

(907) 586-7235

Juneau, AK 99802

Turtle at Shuyak Is. 25 island to
the North of Kodiak Is. 59° N?

(907) 586-7235

1/16 Telecom Gwen Lowe
Agent Dept. Zoology

From Nanette FWS

1/17 Jim - 286-2587 towing
a large turtle in
from K Bay

Telecon

Re: ^{feces} at bellows

1/17/92 ^{Master} Sargent Wes Calhoun
15th Med Hq Group
H A Base

~~sent~~

96853

1/17/92 Telecon Noreen = DOCAEE

47-829 Kam Hwy.
live turtle beached - 239-4239
call Baron or Crystal

~~need~~

Barefoot Catamaran Cruise
677 Alamoona 96815
Suite 502
Victor Lazono

Tel. 576-^{PAGE} 6436

6-PACKING
on turtle
small ⁺ turtle
to be
fed

Das. Williamson - Midway
SPIT IS.
large ♀ basking repeatedly
Doesn't move much when they come
upon it. I recommended flip old tag. Do
autopsy if it dies.

Mark
INGOGLIA

Honolulu

543-8249

Jenkins's

Address

SARPER.FYB

MTN -

Print resolution
of SPREP
+ "SPECIES"

109

Send
Cassino

Mark Stephenson
408-633-0253

ANDRESON

Bob Anderson

telex

262-2476

1/27

Monday

Hawaii Fishermen's Foundation

305 HAHANI St. #181

Kailua, HI 96734

Tiger Sharks in KBay. 1 pm.

1/27/92

Viewed Snorkel 10' with Snorkel Bob

702 KAPAHULU

Main Hawaii

VHS video

Counter 3830 → to end has Olowalu;
Turtle heaven: 14 mile marker.
Person dressed in shark suit at end
chasing girls on the beach.

Meeting

"SAFE RESTRAINT
By Electro immobilization"

1/27 Monday
BOB Cummins
513 KAIMAKE LOOP
KAILUA, HI 96734 (263-6186)

Tommy NMFS - LE

1/29/92 EARL TEIXEIRA
671-2512

"WB States
KA OLIWA"

92-619
Farrington
Ewa
Beach HI

- Grounds keeper -

Walter Kamara - Moved a turtle
(beached) from one
Lagoon to another

Telecom HOKAMA
" "

POOU - WRASSE

Puaka / Mauva Lani
very toxic - some people poisoned by it

Federal Express

1/30/92 X-697 flattened and sent to
Zamboaga as a sample.

1/31 SLP - Tried to draw blood
from loggerhead, but failed.

Noted recent big fiber patch
on right side of (NNW 771
♀) light shell (merged crack from
earlier fall" - right foreshell)

* Need - ALONA AIRLINES + CAR

Feb 6

111

* - Terry Taube call

- need PUAKO DATA BOOK + TIDE

- April 1, 8, 15, 22 or 29

Need Done
FAX TO: NIMFSLC
DOOREE
Hilo

- call HINO RE: DEAD TAGGED
CIGUATERA

GORDON CHAPMAN UNUSUAL TAGS SEEN?

✓ LINDA ELLIOTT

* - update kiholo pelusens ✓

Saw a
Medium
1w/TMPS
Hubs
Papers

JAN

~~2~~ ~~WED~~ 92 Friday
Scuba (FINN) Turtle Canyon
GHTB

"Explorers"

1 CAPTIVE

BOB WINTON

J. Anderson .50 others

6 FEB 92 Thursday

FINN & GHTB

seen

(5 scuba) PUAKO & WAIKALO A LAGOON (4 snorkel)

ESSAY Grand prize winner

FINN & GHTB scuba out

DEBORAH LINEBERRY

504-B OLIVE PL.

Honolulu, HI 96818

Tel. 833-7964

2/12/92

TO Turtle Canyon

3 caught

Mother - GALE

Dollar 4 \$19.77
with company

~~to~~

National Rent-a-car 19.90

KONA - 2/6/92

MAZDA pickup

ALONA FL 88 6:35 am → 7:09 am

FL 287 5:35 pm → 6:09 pm

Small "bumps" on each eyelid.
 1/31/92 Small "zombie-like green"
 Friday

12 Noon - off duty police
 CANA! HAWAII (fence line)
 near Young Brothers Karting

Shipped by Albert Moita

Held in AZ over weekend.

Seen by Bob Morris 2/3

back to AZ via Kaula 2/6

Dead in AZ 2/7. In AZ freezer

Pac. 2019.548

Big IS.

Terry Trube - 325-5496
 Cost of turtle.

Poou - Wrasse "rose colored wrasse"

Pete Hendricks - 885-7891

Small turtle washed up

Kaunohou Harbor

96743

Ranger Ernie Young Puupahoa

Mark Mahuna Nat Hist. Site

Harbor Kaunohou

Early
 FEB

kyaks slot

2/1/92
Sat.

Saw a turtle w/ bad tumors
hauled out near fishparks 12 noon
near Pualoa Beach.
2-3" shell.

old sugar mill - out channel there.
Makawa cut

Sent

Jim Rector
Box 81
Kawawawa, HI 96730

Frank Shannon, DO friend

* need KAMA letter/agreement in my
strand file

2/8/92
SAT

2 pm - Telephone call at home from
"FRANK" DOCAEE HOTLINE, asking me if
I was interested in a dead turtle. Answer
affirmative and for specifics. Fresh dead
turtle by Kailua boathamp, fisherman
found it in his nets when he pulled
them in. I will have to go pick
it up myself, if I want it. If not,
they will call City County disposal.
I asked him if it could be
dropped off at 2500 Dole, as done in
the past by agreement. He said for
that I should have to talk to
Officer Kama 8-5, Mon. thru Friday.

According
to
Officer 217
Pehelo

EMAIL TO GAB

Telecon

"NISHIKI"

MR. NOUMURA

UCHIDA

INTRODUCTION

NAGOYA

AQUARIUM

→ 81 3 3544 1069

sent FAXED
STAMP
LIST

4-14-6 GINZA
CHUO-KU TOKYO
104
JAPAN

4/17/92 questions on stamp ID answered by FAX.

Scilly sample: Microdictyon japonicum 50%
Caulerpa serrulata 25%
Turbinaria ornata 25%

"SHARK ATTACK"

2/5/92

INTERVIEW

Telecon

Keambu fishing area

SAYS THE SHARK NEVER MADE CONTACT WITH HEAD

RE: Cloyd / Hilo Fire Dept

961-8374

S. Kona Oct 17, 1976
0800 hours

Ruptured Ear drum 38 April power head

10-12 tiger attack rescue

935-8981

Capt Eddy Bometau

off diver - 4' distance powerhead found unconscious floating - carcass

Need

NAME Spelling

UH

" Searching for missing fisherman - never found."

" PRESERVATION"

MR. TASHIMA - MICROPHOTOGRAPHY RETIRED!

FWS meeting sent Turtle kit for Palmyra FWS permit \$100 for JUSTMAN flights 115
No turtles tagged PITTAGS

2/9/92 Debbie Mahawes 965-8327
re: Turtle upturns Small - caught in tidal pond - released off her house.

2/10 ^{Records 2/13} John Pye - MOP Maui 878-6285
_{need} 242-1206 242-1203 - records
293-7323

Doj/Gonnelly 293-5579 2/13/92 Telecon
Citizens group concerned about MLC.D proposal - Barbara Eilerts - NO MORE PROPOSALS

2/10 Mary SANDO 988-2389
sent/Chantalib - Journalism student

1-800-800-4000 LOS ANGELES
ECON 25.00 CAR Rental

2-DAY RENTAL Sunday
Dollar MARCH 1-3 6pm
Compact 29.00
Res. No. R6586228 → Midsize \$30.91

HEETZ = 800-654-3131

Antitail - Flights to ST or TEXAS? none

LIGHT INC. = 526-0693 #12
830 - 5:30 PM

2/12/92 Telecon ^{Carré} Keri Miller
SCLDF
~~sent~~ re: Punaluu / "SAZALI WORLD" 599-2436

2/13/92 - GWB/R. Smith meeting w/ JAW, WGG,
Thurs. J. Leinweber, Ken McDermott

2/18 ^{How} ^{alive} ~~foes~~ - forge 2001b + turn turtle at Maui -
Royer Hebler Maui Vet
879-5777
661-3515
CL = 77x73
Aus. Service 244-9880
DOT 1669 ¹⁶⁶⁹ ~~1669~~ 96753

"HIRO" Biomed Bldg, # B102
"Steve Michaels"
35 mm slides
- Graphics

Mark Timko 235-5459

Need = ~~from~~ letter to Holtz Box D.5 ^{sent}
CPCHP

~~Done~~ SAT. Article + List + testimony to Smith / engineering
Send Edrhaft - ARB JATA + 2 Admin Refs
M-HR "Captures per KM-Hour" (Relative densit
W-water Pops

2/19/92

Laura Scott 879-0493

117

Debbie de Bord Steve-Ausband
715 S. Kehei #120 96753-9075
879-5949

"Pine Kuhio" Suppi
Sant Capt. David ~~Suppi~~ Lianing Kuhio
SAGE sent 3/19/92 cc " Box 932 Office = 242-8777
MAKAWAO 96768

2/19 Saw an 18" turtle w/ Tumors
in Haleiwa Harbor -

1 mile SW of Waimea Bay
Near 61-350 Hwy

2/20/92 Mark Cunningham 61-350 Hwy Scientific Dept. Sec.
Thurs. 838-8226 - EVAI Beach Park 943-3437
595-2792 - home

Person missing at "LEFTOVERS"

Haleiwa side of Waimea Bay.
Boogie Board w/ 16" circular piece "bitten" out -
Leach was jagged cut.

IN Waimea River
sent Kerry Atwood 838-8121 Lifeguard at Waimea
59725 Puukoa Haleiwa 96762

"Person had been surfing for 4 months."
but "Conditions not all that bad yesterday"

Wahaiwa police has board - Sgt Chiz

621-8442 telecon
Battalion Chief LOPEZ 254-4824 has
divers in dirty water.

2/22 Tim Hurley Telecon 100 Mahalanist, 5214653
Maui News Waiuku 96793

ARRIVE 2/24/92 ^{Monday} JERRYLL ISLAND, GA
 "VICTIMS BY THE SEA"

1-17-92

"STUMPY"

SL - 51.6

SW - 42.8

N - 51.0

CL - 56.0

CW - 50.0

A
 MADE-UP
 NUMBER

- photos taken of #6593 engraved
 on 3rd lateral left

- 3 mm growth on lower right
 eye lid

25 FEB 92
 TUESDAY

1:15 pm

"U.S. Pacific Rec Team
 Meeting"

JERRYLL IS., Georgia

Need

Nancy Thompson/Wendy Teas - \$10K

Sylvia Maddon

need - photos to Jennifer ✓

Need - Rudloe - Blair egg/shell address. ✓ ^{sent}

Zandy - send slides/exchange ✓

E.J. = "Sea turtle Mobile" (vehicle) 119

for education.

label given to
and
potential
for organo.
analyses

^{sent} TMR Report ^{for} (804) 642-7241
MAY RYBITSKI
School of Marine
VIMS 725-9264
Gloucester Point, Va. 23062
organochlorines in sea turtles

discussion about
Charles
Cutress
Recently
passed
away.

^{see} TMR Report (Kathy Hall)
Box 560
San Antonio, PR 00690

2/26
Wed.

Talk "Ellis Greiner"
(40 eggs/g small skin nodule
14 eggs/g large nodule
(3 samples each of above)

Dailey says
impossible

(6000 eggs/g small skin nodule
900 eggs/g large skin nodule
Eggs found in normal tissue, but concentrations
not reported.

2/29/92 Sat. Morning TUCN MTS G GEORGIA

Marque - Population Model for Cuba
"We don't know what's happening
in Cuba"

NOT PART
OF MEETING

* Need - overhead 6A 5 Rookeries
from Limpus + Sarawak egg prod.
1991/92 Renny's Heron
(7 years)
+ GARD photo AT TORT. By S.G.N.

LIMPUS

120 2/29/92 Sat attended ^{MTSG} IVEN Meeting - person reported to be writing a book on Cayway farm history - for IRWIN (IRVIN)?

SAM FOSDICK
42 S. Charles St.
HEW FREE DAM, PA 17349

IRWIN (IRVIN)?
NAYLOR

2/29/92 [717-235-6415
235-6300

" Limpus - Brian sends hawkbills to UNIV. Queensland genetics program"
#20 a sample

JACK MUSICK - organize tetracycline study.
- Bob George bone-biopsy study.
Need a vet to do it.

waiting Richardson Antigua hawkbill pop
a. Low pressure sodium vapor lights best
LPS luminaire best substitute when there must be lights on a nesting beach.

Karen DS "Darkness is always best but we must operate within reality"

Ken Dodd reprint - Herpetologica ^{received}
+ Critical Habitat proposal

2/29/92

K.B.

Jerryll ES.

URGENT

92 SEA

TURTLE

121

Letter to NMFS

SYMPOSIUM

Byron Diaz

LONGLINES

need

- ① More observers
- ② Mortality rates - determine
- ③ Technology development for safer design hooks.

Need Music

- MINIMUM SIZE LIMITS

+ preprint

Shark Management Plan - observers will be on longliners that catch sharks.

- Call Elliott RE Weedy

need

Need -

- Weedy 11th Proceedings?

Similarity of appearance

need

Steve SUNDLOFF
(904) 392-1841

OF Toxicology

"

SOMETHING RICH & STRANGE

by Robert Schroeder
1965 - HARPER & ROW

Gerry

Gerald

3/5

Jerry Davis - Guam
(705) 734-5283

Guam

Telecom sent

Sargassum rafts

oiled greens = 2 dead -
9th 1 cleaned and released

Skippy
lots of
marks

Hall

CL (77^{cm} X 73^{cm})

EV

Turtle,
on Maui
from several
weeks ago

Skippy
gave me
these
measurements

"Baldwin
Park

JTB - 922-0200
"Carlton"

Mortimer = (904) 373-4480

Margo Bohan / P. Williams office 301-713-2322
Home ← 202-544-4161 FAX 301-588-4967

Andrea - Scott intern need GWB
"PRINCIPAL" College - Christian Science, Illinois

of attacks on humans or bodies ^{OR MANEQUINS} is an index of relative abundance of sharks

UA = 3613X6 3/12/92 FL 821
8am

Telecan ^{point} / Mr. Jamie Hunter
3/7 P.O. Box 399
Makawao, Maui, HI 96768-0399

re: Moolaa enlargement

need telecan

3/10/92 Fraser Black 293-2656

ALOHA - PUNAO 18 MARCH 92

6:35am FL 88
4:50pm FL 97
DOLLAR = \$15.50

HRA

wed

JAW - 2 full years of drift net
observer program 1990; 1991
Reports due to be out ~ 5/92

DOMARTINI

Daily - Chris Lowe
Gwen Lowe

ED = How many puffers are down there?
Stealing BAIT BEFORE PAKA GET THEM.

3/10 HAROLD BLUMFIELD ^{WANTS TO TAG} after 7pm
TVB3 638-8941

feeds sharks. 1 mile offshore
300' deep. 4 tigers +. Dangerous.

3/11 AT Morris Clinic - SLP return from [Maui, Carri]
TAG 10644 L 10643R 36lbs

lethargic dead later during 3/11 -
Stomach full of leaves - nothing in intestines. ~~KATANA~~ ~~HATCH~~
OR ~~KATANA~~ ~~HATCH~~

3/11/92 Need Chinese Cabbage
lele Haroa - Man & Son arrested newspaper
at Lualulu KAY (article in file)

DLNR Meeting, 3/11/92 - GWB, EN, PATY, KAMA SAHODA,
→ TMR report to W.PADY. - FLAG & GIVE TO GWB

Need → Health precautions - call SE Center
→ check DOH SCHROEDER & TEAS
DIANE HIRSCH JACOBSON

"Cooperative Research Program" = STRANDINGS
12-16 MARCH 92 NAGOYA

14 MARCH 92 JAPAN DATE
SAT. The Marine Turtle Specialist International
Workshop in Nagoya '92

9 AM Morning briefing by JTA president - MITI
support.

1 PM Tour of Nagoya Port Aquarium - opening October

3 PM 2 hour presentation by Doi. population model for Cuba

15 MARCH 92
SUNDAY

JRH - ~~BONNET~~ "degree time" physiological
"time" rather than
calendar time.

Enormous variability in growth
∴ enormous difference in actual age.

JWood - growth in wild 40% of that in captivity.

1988-91 tagging in Cuba coast - very limited.
Not at fishing posts.

work sneaked

1) Gonad condition - size at first maturation
Jeff Miller's slide/table - follicles -
ovulate = egg. Corpus luteum =
(white bodies). Scars. Corpus albicans =
very small scars = from earlier seasons
nesting.

C02
Eteopano X
+ male
cycles

Bonnet X
NTSG

Year to size age - insufficient data
to make assignment
JWood -
Fernando - Model good but data is unreliable
Bonnet -

Dr. Takeshi Kajiura -
oppose to Doi

125

130 eggs/clutch = $N =$

Marquez = "Impossible to follow a single female thru a season in Cuba because switch keys"
2.6 years nesting & 2.3 x years data is from literature.

Season = mainly May - December.

STAGE BASED VS FISHERIES MODEL

~~Keratin~~ Greens/Loggerheads shed/flip annual.
Hawkbills keep laying down

15 MARCH
97
MONDAY
MR. TAMANASHI
TALK
MITI Representative
JBA (2 MONTHS OLD)
ASSOC. AIM - COME UP WITH COUNTERPROPOSAL.

WANTS TO HEADSTART
FOR 3 MONTHS TO INCREASE
THE POPULATION.

TRADITION
300 years Bekko

This workshop is first project of Association.

Research and activities (tag & release)

dream - increase # hawkbills

- Sustain people living overseas on hawkbill.
- Continue import of small volume

J. Bonnett

10 tons = Bekko

20,000 million ¥ initial invest.
15,000 million ¥ year.

WOOD

CAYMAN =

1976 Bankrupt Receivership

1978 US BAN

1983 TO Cayman Gov.

16 MARCH 92 ^{current} All production result of captive breeding
3:1

265 ♀ ♂ Breeding herd.

Incubated in temp control for 50:50

at 14 months Ralston Purina 40% protein - fish meal base
35% " soybean base

4.5 years 67lbs slaughter

Steak / stew (tradition)

\$700 short ton hatchlings

\$630 " " > 14 months

Basis min. WAGE \$7.20 hour

UNABLE TO sell decorative due to US ban.

\$3.60/lb live wt to produce

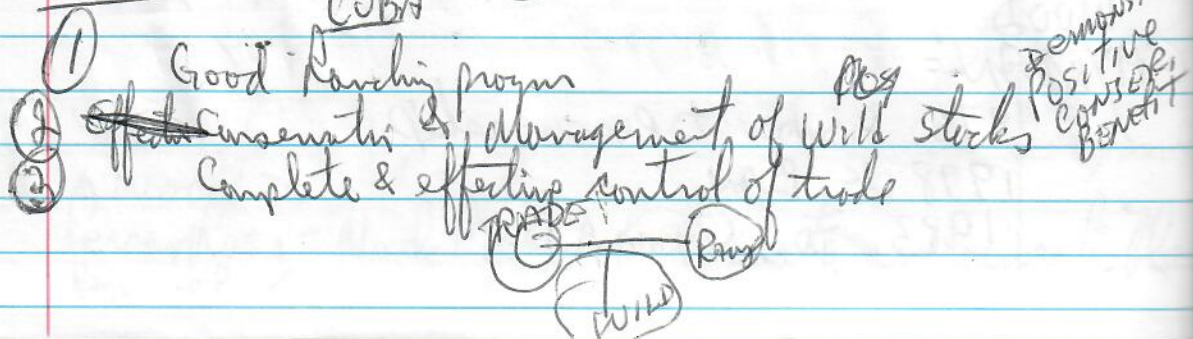
\$2.60/lb able to sell (Admission + giftshop T-shirt)

∴ \$1 loss - TOURISM makes it up,
∴ Make-up to turn a small profit.

" No Turtle proposal for ranching or farming has ever been approved by CITES"

CTF WOOD - 24,000 released / 1/2 were yearlings
- Contributed to S. Coast of Cuba

1pm P. Ross talk - CITES



16 MARCH 92

JBA = MAIN PURPOSE

"INCREASE # HAWKS BILLS 127

Sometimes trade in endangered species can benefit the species.

MUST DEMONSTRATE:

Positive Conservation benefit to endangered species

TRADE CONTROLS TO CONSIDER

- ① BICATI TRADE CONTROLS
- ② IDENTICAL QUOTAS - Export/Import
- ③ Permanent working to ID BEKHO

CUBA = Guideline being developed in "Animal Committee" CITES, develop Ranching Guidelines

ZIMBABWAY - meeting, date - ?

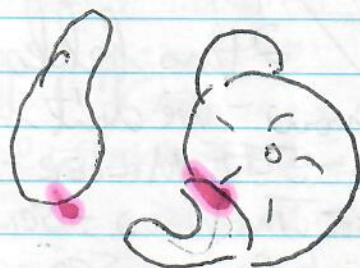
ROSS - "2 tons bekho being shipped out of Panama right now - we don't know where it's going"

* NEEDS - JEFF MILLER - PUBL. LIST + ASSESSMENT + CANNON SDO

- JR Hendrickson + JIM WOOD - SEND TIME REPORT + STAMP LIST +
- Separate card SPREP + IUCN (IUCN STATIONERY)
- A2 Scales - look for LINES/COUNT
- Draft letter for JBA from SPREP - welcome \$ + Solomon
- Charge Gekell. Icon AUTO TOWER for Meris.
- NAVIGATION EQUIP. ON PEGASOS = MACAGOS
- Hendrickson Antigen / Antibody Duck TIB Kline?

GHB
 Jeff Mahon
 8/29/91
 DIVE

DIA ^{MOUND} HEAD (TOP)	110°
very CONDO AT END OF DIA. HEAD	119°
R.H. TOP OF SHEARON	060°
GREY DOOR OF WAR MUSEUM	035°
L.H. PINK TOWER (TWIN) ^{CONDO}	308°
KENALO BASIN RADIO TOWER	299°



"Rubbing Rock"
Pointe Lobata

Note - Late 1991 or early 1992 "Rock" was moved by waves ~10'

Call 808-395-6409
943-1240

WH6BLQ
George H. Balazs
992-A Awaawaanoa Place
Honolulu, Hawaii 96825

METRIC SYSTEM WITH U.S. EQUIVALENTS

METRIC UNIT (1) U.S. EQUIVALENT

LENGTH

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

AREA

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

WEIGHT

milligram	(mg)	0.015 grains
centigram	(cg)	0.154 grains
decigram	(dg)	1.543 grains
gram	(g)	0.035 ounces
decagram	(Dg)	0.353 ounces
hectogram	(hg)	3.527 ounces
kilogram	(kg)	2.2046 pounds
quintal		220.46 pounds
metric ton		1.1 tons

METRIC UNIT (1) U.S. EQUIVALENT

VOLUME

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

CAPACITY, CUBIC


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

CAPACITY, DRY

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

CAPACITY, LIQUID

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

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