

1973 - 1980

BIG ISLAND - MAINLY
W. HAWAII
SIGHTING REPORTS
AND LETTER - G.H. BALAZS

Mae Nakayama
P.O. Box 164
Hawaii, Hawaii 96719



Mr. George Blozis
c/o HIMB
Box 1346
Kaneohe, Hawaii 96744

May 16, 1973

Dear George,

I hope you had more luck with your turtle net than you had Saturday morning. Did you tag anything else besides a couple of mermaids? Thank you having me come along on your turtle tagging adventure. I enjoyed it & found it very interesting and educational even though there weren't any turtles.

I tried to get some information about turtles for you by talking to some Kohala people. I didn't realize how many people catch turtles along the Kohala coast. I did manage to get a general location where a lot of turtles are seen and caught.

Our Vice Principal Mr. Jerry Sakamoto does a lot of spear fishing and turtle catching. He says he's seen a lot of turtles between the Loran station and Papaa Beach Park. He's also seen a lot of them in the area where we first had the net on Saturday morning, but a lot closer to the breakwater.

He thinks that most of the turtles are generally located along the north Kohala coast where there's

hardly any boating activity. The rough waters of the Alenuihaha channel would prevent you from catching the turtles by net and boat except on days of very good weather. If you've got any questions I'd be glad to help in any way. Hell be here during the summer and would enjoy talking to you the next time you come to the Big Island.

I've heard that there's a man who catches a lot of turtles regularly along the North Kohala coast from Pololu to Kauhola Point. From what I've been told I don't think he understands the purpose of the tags and has never bothered to send any back to HMB. If you'll send me a list of the information you want I'll approach him and try to explain.

After discussing the purpose of turtle tagging in our Oceanography class we came to the conclusion that Marine research performed by the University doesn't receive enough publicity. This is one of the reasons why people don't send back the tags and why a lot of their projects aren't enthusiastically supported by the public.

We could help you in the area of informing

3

the community and urging them to cooperate. at our next PTA meeting, on May 31, I could inform the members of what you're doing and ask for information and help. The parents have begun to show much interest in Marine research since Sam Herrick gave a presentation and showed Barry Hills slides of MoP at our last meeting. We could also write an article about turtle tagging for our weekly community paper.

Last Sunday morning I drove to the shore and was very surprised to see a turtle lying on its back and flapping its flippers. Some men speared the 20 pound, 20 inch green sea turtle in a bay just west of Pololu. Sorry, it didn't have a tag, although I almost talked them into giving me their turtle so you could tag it! No, not really, but I did try to get as much information out of them for you as was possible.

It's quite a coincidence that we met a turtle tagger on Saturday and then carried a turtle on the very next day which is only the second time ^{and I fondled a turtle} ~~in~~ 13 years ago.

It's also quite a coincidence that we both know Jennifer Lai. Why did you mention

Her name in particular instead of the other girls who worked on the nut like maybe a Corissa, Judi, Diane, Suri or a Colleen. Strange? Junette might remember me as the lunch delegate in a black sweater and serving on the Marine Environment Control Commission at the Model U.N. conference.

I'd like to meet your friend in Tahiti and observe how the Tahitian department manages their fisheries. I'll be in Tahiti with the Foundation for Study in Hawaii and abroad ^{to} study ~~of~~ French language and civilization under the auspices of Punaauia school. I'll arrive in Papeete on Wednesday, July 11 and will be living with host families. From July 18 to Aug. 3 I'll be attending classes at the Lycee de Gauguin and from Aug. 3-11 will be continuing our classes at SVA. We return to Honolulu on Aug. 14 and will receive 2 $\frac{1}{2}$ credit in French language and $\frac{1}{2}$ credit in Pacific area studies. I'd appreciate it if you'd ask your friend if it would be possible to meet him sometime during my stay there as I am very interested in Marine biology.

5

To too bad you missed the talent show because Wanette sang beautifully. She sang "Laurie" and "God Bless my Daddy" and won a trophy. She fibbed to you because she was embarrassed and didn't want you to hear her sing.

How did you like chasing sheep up on the mountains? Or were the sheep chasing you? I'd must have shot something, but I don't know whether Jim can shoot or not. Anyway I hope you had pleasant stay on the Big Island.

I'll keep you posted on any information
that I receive in regard to turtles and please
send the list of information you want. Also, let me know when you'll be coming back so I can let Mr. Sakamoto know. If there's anything I can do to help with any other research projects please let me know. I'd be glad to help in any way I can.

Peace,
Mae Nakayama

PS. couldn't remember how to spell your last name. Blaz? Blaho? Blago? Bloss? Bloz?

ANS
SEA TURTLE SIGHTING REPORT

Observation made by: BRAD TARR

(Please return to: George H. Balazs,
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Address & Tel. No. (optional) 237 Portlock Rd. Hon. Hi 96825

Date: 76 Time DAY Location (indicate
on chart) [Raupukehu Kona]

*Kona Village
Resort*

Observation made from: shore;

boat; or while X skin SCUBA diving.

Estimated size (shell length): all sizes

Turtle seen on: ✓ surface; ✗ at depth of
approx. 25 ft. Distinguishing

characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):

Early morning always a smaller turtle cruising shore -
but outside Kahuwai Bay is a large rock with at least
Other comments: 5 large sized turtles



THANK YOU FOR YOUR COOPERATION

ANS
SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: Gorka McElvaine

Address & Tel. No. (optional): 1605 W Lanikai St. Hilo Hawaii 96769-6958

Date: 12/4/76 Time: 10:45 Location (indicate
on chart): _____

Observation made from: shore;
 boat; or while skin ✓ SCUBA diving.

Estimated size (shell length): 15"

Turtle seen on: surface; or at depth of
approx. 25 ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):

color - brownish green - small tail -

Other comments: _____



THANK YOU FOR YOUR COOPERATION

SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: JOHN CORBIN

Address & Tel. No. (optional): _____

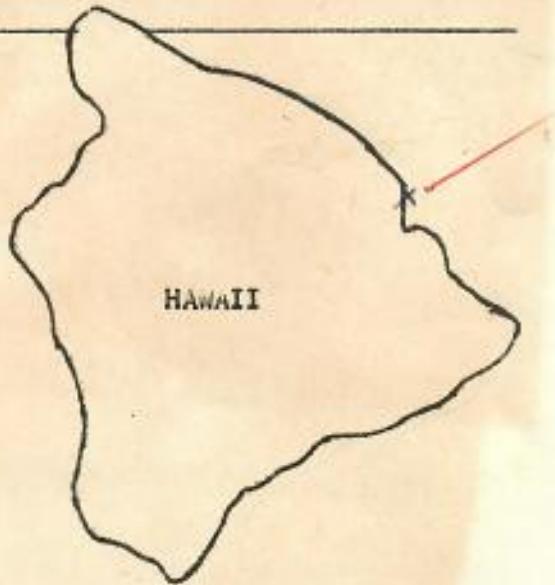
Date: 9/2/77 Time: 1555 Location (indicate

on chart): _____

Observation made from: shore;
 boat; or while ski SCUBA diving.

Estimated size (shell length): 36"

Turtle seen on: X surface; or at depth of
approx. ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):



Other comments: Observation made from cliff top ~75-100ft
above the water. Two turtles seen close in to shore ->

THANK YOU FOR YOUR COOPERATION

see next page

SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: ELIZABETH LEIS

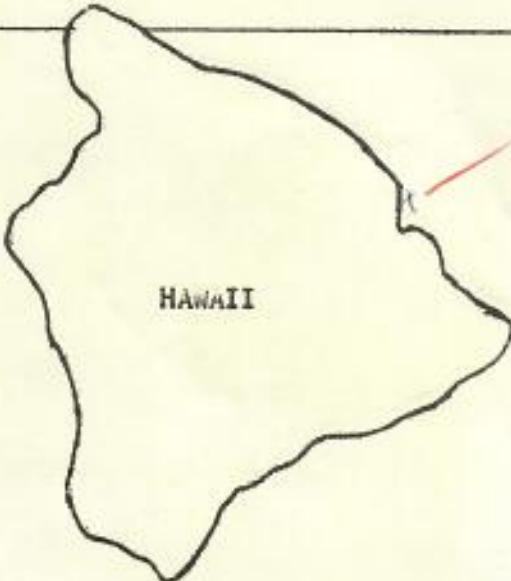
Address & Tel. No. (optional): _____

Date: 9/2/77 Time: 1555 Location (indicate
on chart): _____

Observation made from: X shore;
 boat; or while skin SCUBA diving.

Estimated size (shell length): 24"

Turtle seen on: X surface; or at depth of
approx. ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):



Other comments: among the rocks. No visible beach.

THANK YOU FOR YOUR COOPERATION

University of Hawaii at Manoa

MEMORANDUM

Sea Grant Marine Advisory Program
2349 Kalanianaole Street
Hilo, Hawaii 96720
September 6, 1978

TO: George Balazs
FROM: Pat Chock
SUBJECT: Turtle Sightings

Just came across these forms in our files
so I thought I'd complete them for your information.
These are the most recent sightings of turtles
I've had which come to mind -- the most recent being
just this past weekend in Kalapana. Everytime I
sight a turtle, I think of you!

How's everything going over there? Here we're
anticipating the Big Island's first prawn harvest
and are preparing for two display booths at the
upcoming Hawaii County Fair later this month.
Give us a call when you make your next trip over.

SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: Patricia Chock

Address & Tel. No. (optional): P.O. Box 1632, Hilo, HI 96720 PH. 9353830 (business)

Date: 9/3/78 Time: 03:00^{P.M.} Location (indicate
on chart): Kalapana

Observation made from: X shore;
 boat; or while skin SCUBA diving.

Estimated size (shell length): 30 inches

Turtle seen on: X surface; or at depth of
approx. ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):

green sea turtle, (distance too far to distinguish any outstanding characteristics)
Seen from atop a sea cliff, about 50 yards from shore.

Other comments: _____



THANK YOU FOR YOUR COOPERATION

SEA TURTLE SIGHTING REPORT

Observation made by: Patricia Chock

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Address & Tel. No. (optional): PO Box 1632, HILO 96720 PH. 9353830

Date: 7/9/78 Time: 04:00 P.M. Location (indicate

on chart): Honuapo Landing, Ka'u (Whittington Park)

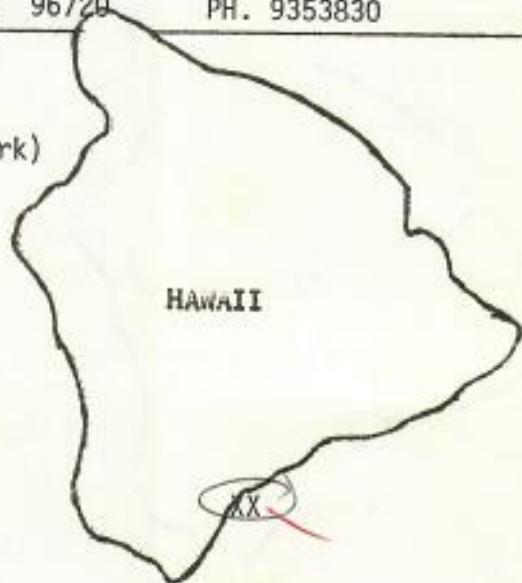
Observation made from: X shore;

 boat; or while skin SCUBA diving.

Estimated size (shell length): 24 inches

Turtle seen on: X surface; or at depth of
approx. ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):

green sea turtle



Other comments: Seen about 15 yards off shore.

THANK YOU FOR YOUR COOPERATION

SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: Patricia Chock Address & Tel. No. (optional): PO Box 1632, Hilo 96720 Ph. 9353830

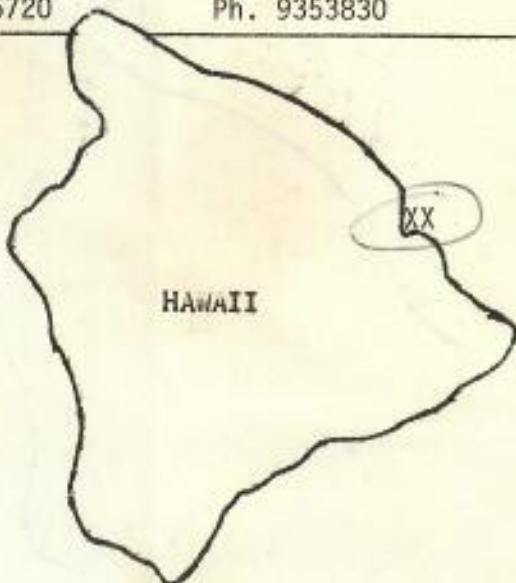
Date: early 1977 Time: 012:30 P.M. Location (indicate
on chart): Wailuku River, Hilo

Observation made from: shore; (river bank)

boat; or while skin SCUBA diving.

Estimated size (shell length): 24 inches

Turtle seen on: surface; or at depth of
approx. ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):
green sea turtle (?)



Other comments: Seen about 1/8 mi. inland from mouth of river where it meets
the ocean

THANK YOU FOR YOUR COOPERATION

SEA TURTLE SIGHTING REPORT

Observation made by: R Myer

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

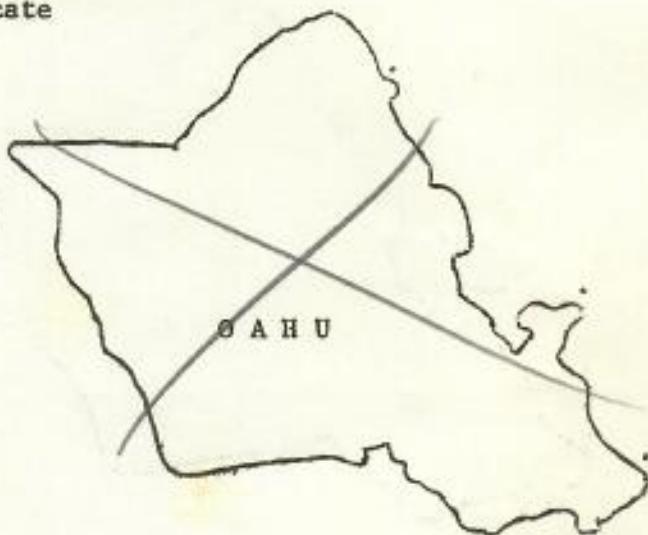
Address & Tel. No. (optional): 2115 Oahu Ave.Hon H. 96722 946-9993

Date: 04/07/77 Time: ~ noon Location (indicate
on chart): Puako, Hawaii;

Observation made from: shore;
 boat; or while skin SCUBA diving.

Estimated size (shell length): 20"

Turtle seen on: surface; or at depth of
approx. 60 ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):



Other comments: _____

THANK YOU FOR YOUR COOPERATION

SEA TURTLE SIGHTING REPORT

Observation made by: Mark Reed

(Please return to: George H. Balazs,
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Address & Tel. No. (optional) 47-035 B

Date: 10/28/78 Time: 11:00 am Location (indicate
on chart): Puako, Hi.

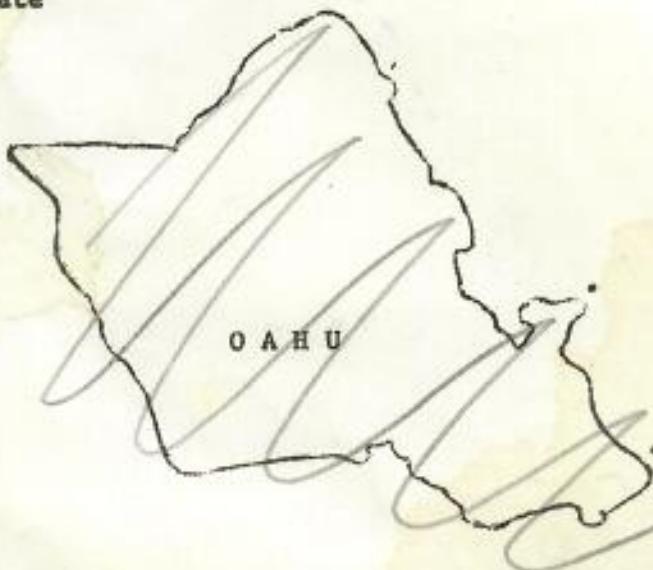
Observation made from: shore;

 boat; or while skin X SCUBA diving.

Estimated size (shell length): 2 1/2 ft.

Turtle seen on: surface; or at depth of
approx. 100 ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):

Green



Other comments: Swam away imidiately

THANK YOU FOR YOUR COOPERATION

SEA TURTLE SIGHTING REPORT

Observation made by: K.C. Miller

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Address & Tel. No. (optional): _____

Date: 7/5/77 Time: 11:30 AM Location (indicate
on chart): Puako - Big Island

Observation made from: shore;
boat; or while skin SCUBA diving.

Estimated size (shell length): 20"

Turtle seen on: surface; or at depth of
approx. 20 ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):

Green - appeared to be female - saw no tags or marks

Other comments: turtle was in a small cave on the reef - I
evidently startled her as I was close enough to her to touch her.

THANK YOU FOR YOUR COOPERATION

KC.
Marcola, OR. 97454

SEA TURTLE SIGHTING REPORT

Observation made by: K.C. Miller

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Address & Tel. No. (optional): Are you kidding?

Date: 7/5/71 Time: 11:01 AM Location (indicate
on chart): Puako - Big Island

Observation made from: shore;



boat; or while skin SCUBA diving.



Estimated size (shell length): 26"-30"

Turtle seen on: surface; or at depth of
approx. 45 ft. Distinguishing

characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):

Green turtle, female, no tags or injuries - brown shell

(I knew it was a female because she wore lipstick...)

Other comments: none except "Hi George!"

THANK YOU FOR YOUR COOPERATION

SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: MARY HELFRICH

Address & Tel. No. (optional): 96 101 Waikane, Hilo, HI (959-9454)

Date: Oct 1 '78 Time: 8:30 AM Location (indicate
on chart): Puako

Observation made from: shore; SNORKLING

boat; or while skin SCUBA diving.

Estimated size (shell length): 4-3 feet; 2 ft.

Turtle seen on: surface; or at depth of
approx. 25 ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):

The Turtles sighted in outline form, from a distance
No significant details!

Other comments: been told, that the turtles frequent the area (8-9:30 A.M.)
daily



MARINE OPTION PROGRAM

UNIVERSITY OF HAWAII AT HILO
HILO COLLEGE
P.O. BOX 1357
HILO, HAWAII 96720

THANK YOU FOR YOUR COOPERATION

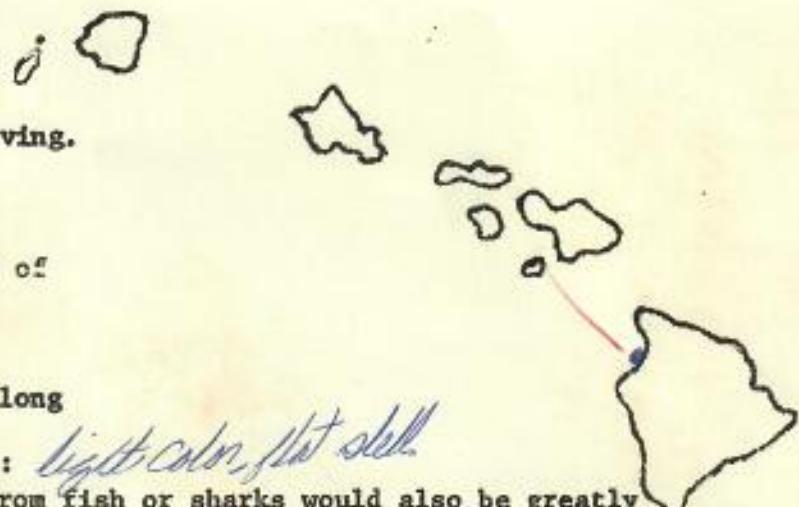
George Balazs
Hawaii Institute of Marine Biology
P.O. Box 1346
Kaneohe, HI 96744

SEA TURTLE SIGHTING REPORT

Observation made by: Perry Middleton

Address & Tel. No. (optional): 1875 Kalanianaole Hwy 935-9878

Date: March 1978 Time: 4:30 PM Location (indicate
on chart): Pearl Islands

Observation made from: shore; 
boat; or while skin SCUBA diving.

Estimated size (shell length): 26"

Turtle seen on: surface; or at depth of
~~approx.~~ 10 ft. Distinguishing

characteristics (species I.D. if known, long

tail, shell color, tags, injuries, etc.): light tan, flat shell

(Information on turtle parts recovered from fish or sharks would also be greatly appreciated).

Other comments:

THANK YOU FOR YOUR COOPERATION

SEA TURTLE SIGHTING REPORT

John Cushing, Prof. Biological Sciences
Dept. of Biological Sciences
Observation made by: Univ. Calif. Santa Barbara
Santa Barbara - Calif. 93106

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

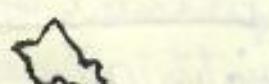
Address & Tel. No. (optional): _____

Date: _____ Time: _____ Location (indicate

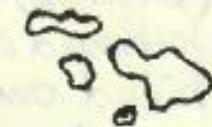
on chart): _____



Observation made from: ____ shore;



____ boat; or while ____ skin ____ SCUBA diving.



Estimated size (shell length): _____

Turtle seen on: ____ surface; or at depth of

approx. ____ ft. Distinguishing

characteristics (species I.D. if known, long

tail, shell color, tags, injuries, etc.):

(Information on turtle parts recovered from fish or sharks would also be greatly appreciated),



Other comments: _____

July 4, 1978 THANK YOU FOR YOUR COOPERATION

Dear George Balazs, Anne and I again thank you for your most excellent talk the other evenings at Kona Surf. Afire and look at a marvelous group of islands that I probably will never see (excepting perhaps from

an Amer. Pres. Line ship!), but I'm glad to know they are there and being studied. We can report more in detail later, but I submit the following points for your consideration. (I have some from other personal experiences when I was in Fisher's research that until you have a man on the spot you don't get little or no cooperation from commercial fish houses like the Kuhio Wharf handles all the big fish (3000-5000?) taken annually at Kailua-Kona (2) I assume that any seal or big turtle in a fish net will come in dead or broken in the net, if the latter then, as elsewhere, commercial fishermen will tend to shoot all seal seen, particularly too if food is "competitive". (3) Fishing in Mexico (Baja tip) reveals that in spite of laws, any turtle seen is actively pursued and taken by any commercial or sport boat crews. Now one taken, killed and prepared with shell dumplings etc., so rapidly (10 min) and meat concealed, and another just escaped. Hawaii is not Mexico, but I have had years of experience with fishermen many of whom were personal friends. They live on too close a margin not to do the same thing in the Northwest Islands once this is opened. I would be very surprised if a black market for turtle meat does not already exist in Honolulu. And in any case if very many fishermen of all nations pass up the excellent meal swimming by (you have eaten turtle some years ago in Mexico). (4) No matter what the arguments are by the commercial interests, I can see that, as in the past, they will, if allowed in at all, will soon short-circuit politically any & all rational biological management plans and the Islands' wildlife will suffer. (I saw it happen to whales, specifically & also Ben Shaffas time limit).

SEA TURTLE SIGHTING REPORT

Ninano Matsu

✓ Observation made by: Don (Wooly "Wooly")

Nathan Jensen

Address & Tel. No. (optional): 961-6178 W.A.S., ShopPhone

(Please return to: George H. Balazs,
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Date: 2/5/78 Time: 1155A Location (indicate

on chart): LELEIWI BEACH PARK

Observation made from: shore;

 boat; or while skin SCUBA diving.

Estimated size (shell length): 4 1/2' to 5'

Turtle seen on: surface; or at depth of
approx. 25 ft. Distinguishing

characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):

Green - Two Turtles - "Big Buggers"

Other comments: One had a bulging white protrusion Right foreflipper
Perhaps an attempted spear shot.



THANK YOU FOR YOUR COOPERATION

SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: Tom Beehiser

Address & Tel. No. (optional): 329-3084, 74-5212 KAHIWAHINE, K-K, HI 96740

Date: 20 Jy 78 Time: 0900 Location (indicate

on chart): PHILIPINO BEACH, JUST NORTH OF HONOKOHUA HARBOUR

Observation made from: shore;

boat; or while skin SCUBA diving.

Estimated size (shell length): 24"

Turtle seen on: surface; or at depth of
^{yes} approx. 25 ft. Distinguishing

characteristics (species I.D. if known, long

tail, shell color, tags, injuries, etc.): PURE GREY COLOR

(Information on turtle parts recovered from fish or sharks would also be greatly appreciated). None

Other comments: CRUISING NORTHERLY, SLOWLY. THIS BEACH IS RELATIVELY SHALLOW, YARDAGE OF SAND-LIKE SHELL/CORAL, FINE TEXTURED

Leatherback?

THANK YOU FOR YOUR COOPERATION

Besides - I don't know how to identify turtles. This one seemed to have ridges running the long axis of the carapace. (B)

74-5212 KAHIWAHINE
1978, KAHIWAHINE
4 0900



Woody's Aquatic Service

382 KAMEHAMEHA AVENUE • HILO, HAWAII 96720 • PHONE (808) 961-6171

George H. Balazas
Hawaii Institute of Marine Biology
P.O. Box 1346
Kaneohe, Hi. 96744

Dear George,

How ironic that I should receive your turtle information. We saw two big "green" turtles just offshore from Lelewi beach park on the Hilo side out from the stone wall. They seem to frequent that area. More than two have been seen on many occasions. At any rate I have enclosed the sighting report.

Hope to see you again soon. The weather has been fantastic and the H₂O as clear as glass and just as flat.

Thanks again for the information I will surely try to help in whatever way I can with this most important project.

Sincerely,

Donald F. Wood

p.s. "Are you a member of the Honary Turtle Club?!"@#\$%

DFW:as

"Our Business is Going Down"

AQUA LUNG SERVICE • SCUBA & SKIN DIVING INSTRUCTIONS AND EXCURSIONS • WATER SKIING • EQUIPMENT RENTALS

SEA TURTLE SIGHTING REPORT

Observation made by: Sheldon Tom

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Address & Tel. No. (optional): % 4996 Waq St Honolulu HI 96821

Date: 6/24/78? Time: NOON Location (indicate

on chart): Near Nisole, Kauai

Observation made from: shore;

boat; or while skin SCUBA diving.

Estimated size (shell length): 4 turtles

2 were about
2 1/2 feet
2 others were about
18"

Turtle seen on: surface; or at depth of

approx. ft. Distinguishing

characteristics (species I.D. if known, long

tail, shell color, tags, injuries, etc.):

(Information on turtle parts recovered from fish or sharks would also be greatly appreciated). _____

Other comments: In vicinity of beach, local people in party took
appearance of turtles as benevolent "sagi" or "amakua"; others also

speculated that young turtles were young children

THANK YOU FOR YOUR COOPERATION

SCHOOL TEACHER

William H. Meinecke
Star Route 8 - Waiohinu
Naalehu, Hi 96772

July 31, 1978

Mr. George Balas
Hawaii Inst. of Marine Biology
P. O. Box 1348
Kaneohe, Hi 96744

Dear Mr. Balas:- This is with reference to the last page
of Kau Report, July 1978.
It is NOT AT ALL a finding of fault, because it may
be of interest to you.

As a teenager, around 1905, I used to go fishing
during week-ends at Kamilo, Kau, Hawaii with a
Hawaiian boy neighbor and his father, who was an
expert Hawaiian fisherman.

On more than one occasion, noticing a disturbance
of the sand near high water mark or a bit more inland,
and called his attention to it. He told me that turtles
had laid their eggs and covered them. Then he told me
that after a while, usually at night, the baby turtles would
hatch and go to the sea and stay there till ready to
lay eggs.

The ancient Hawaiians did eat the turtle eggs,
but they no longer did so.

Unfortunately, we did not disturb the nests,
so I did not actually see the eggs.

The eggs were very thinly covered with the dry sand,
and the nests appeared to be about the size of a hen's nest.

Yours truly
William H. Meinecke

Demuth & Miller
invited & struck
off in addition

2241 28 May

1947-10-26 13:15 G. B.
Kittell Hill Observatory
Searched against April
1947 winds to look towards

for protection & manufacture in such a way as to make

-: ~~agitated~~ ~~all night~~

18191 - 100 ft. deep, dredged with a
dredge & pump. Later took up
and laid up at harbor - 200 ft.
After dredging.

to get off it hands - COP! Johnson agreed to a
no-strike agreement with Clinton. No longer have
to worry about getting into another
quarrel.

Chlorophyll - measure total light absorption
Chlorophyll - measure total light absorption

the most joyful hour will never be forgotten by us all
of us who had the pleasure of being here.

- Apparatus attached
- other set up

- other students with whom he has a ~~good~~ good relationship.

- examples of thickening with ~~water~~ and glucose which is
the first step in -

~~but what else agrees with your own opinions?~~

the middle of which

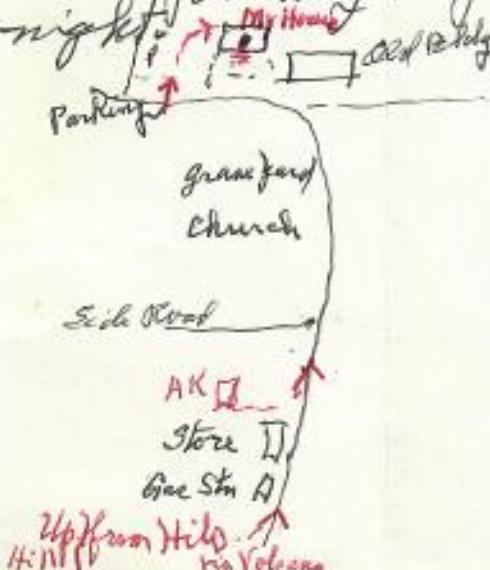
Farm
W^m H. Meinecke
Star Route 8, Wadsworth
Naarley, No. 96772

William H. Weincke
Star Route 8 - Waiohinu
Naalehu, Hi, 96772

Aug 22, '78

Dear Mr. Balagz:-

Thanks for your letter of 8/15/78,-

most happily rec'd in yesterday's afternoon mail.
night you may drop in to see me at any time, - day or
evening. 
There is a Hawaiian friend of mine
by the name of Awihii Kelikoa who lives
at AK on the map - next above the stores.
He knows far more about turtles than
I do. He is not always at home because
he has employment, I know not where.
With my introduction, most likely
his response will be very favorable.

Yours with aloha nui,
Weincke

From
Walt Macinane
Star Route 8 Waiohina
Naalehu, HI 96772



Mr. George H. Balazs
Hawaii Institute of Marine Biology
P.O. Box 1346, Cocoanut Island
Kaneohe, HI. 96744

William H Meinecke
Star Route 8 Waiohinu
Naalehu, Hi. 96772

Sept. 5, 1978

Dear Mr. Balay:-

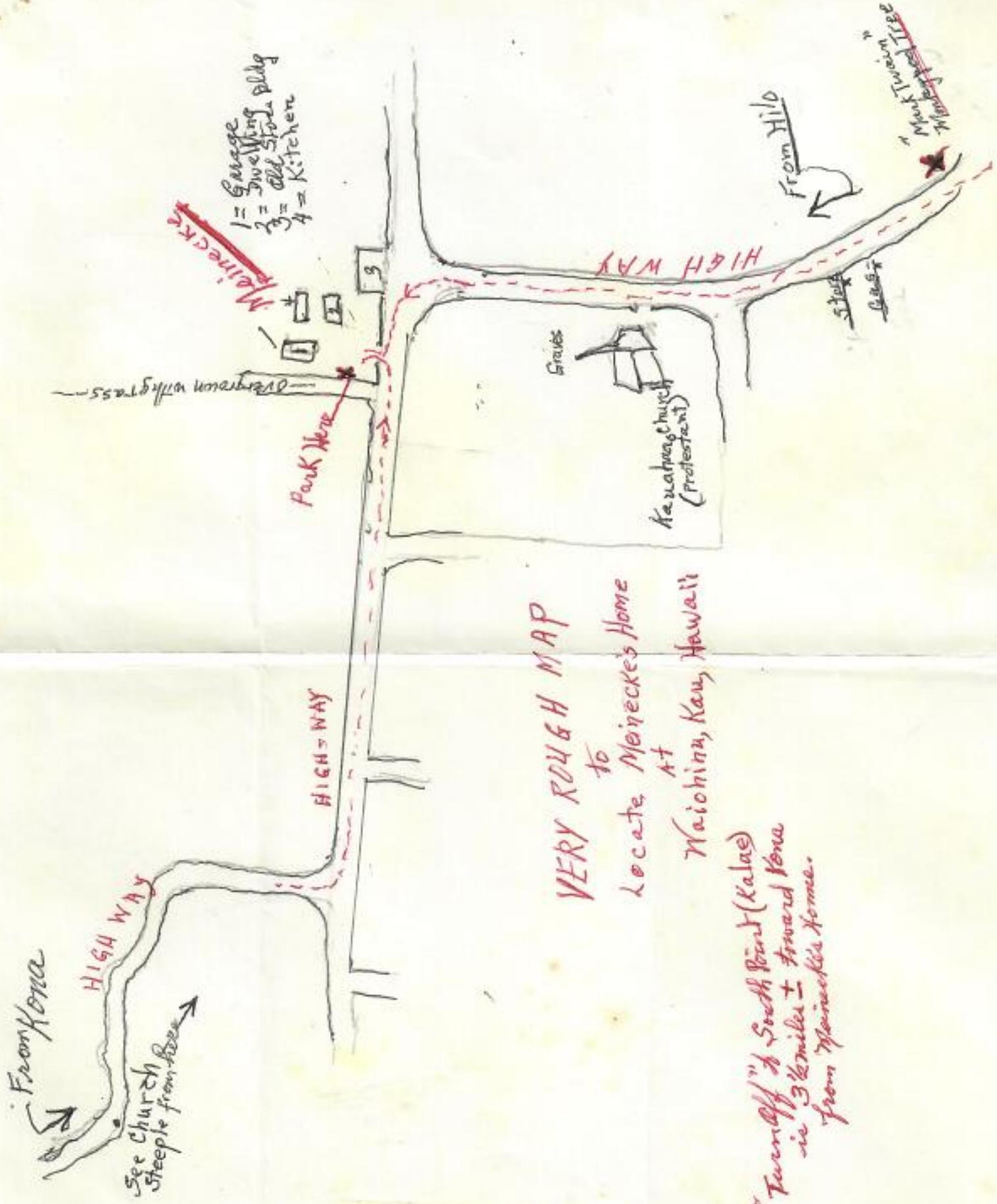
Just a quickie to say that all is well
with me here in Waiohinu and I have no plane to go
anywhere before December.

Enclosed please find a very rough sketch showing
the location of my home.

If there be no car in my garage, - go to the rear end
of my dwelling (2" in the sketch). There will be a very
conspicuous note saying when I would be back home.
No sign means I would be back shortly - usually
within an hour. Meanwhile, - make yourself at
home. I have no phone, - but you can leave word
at the W.C. Young Home 929 7291 or at Wong Yuen Store
929 7223.

Yours with aloha nui,
Bill
Meinecke

1 Enclousure



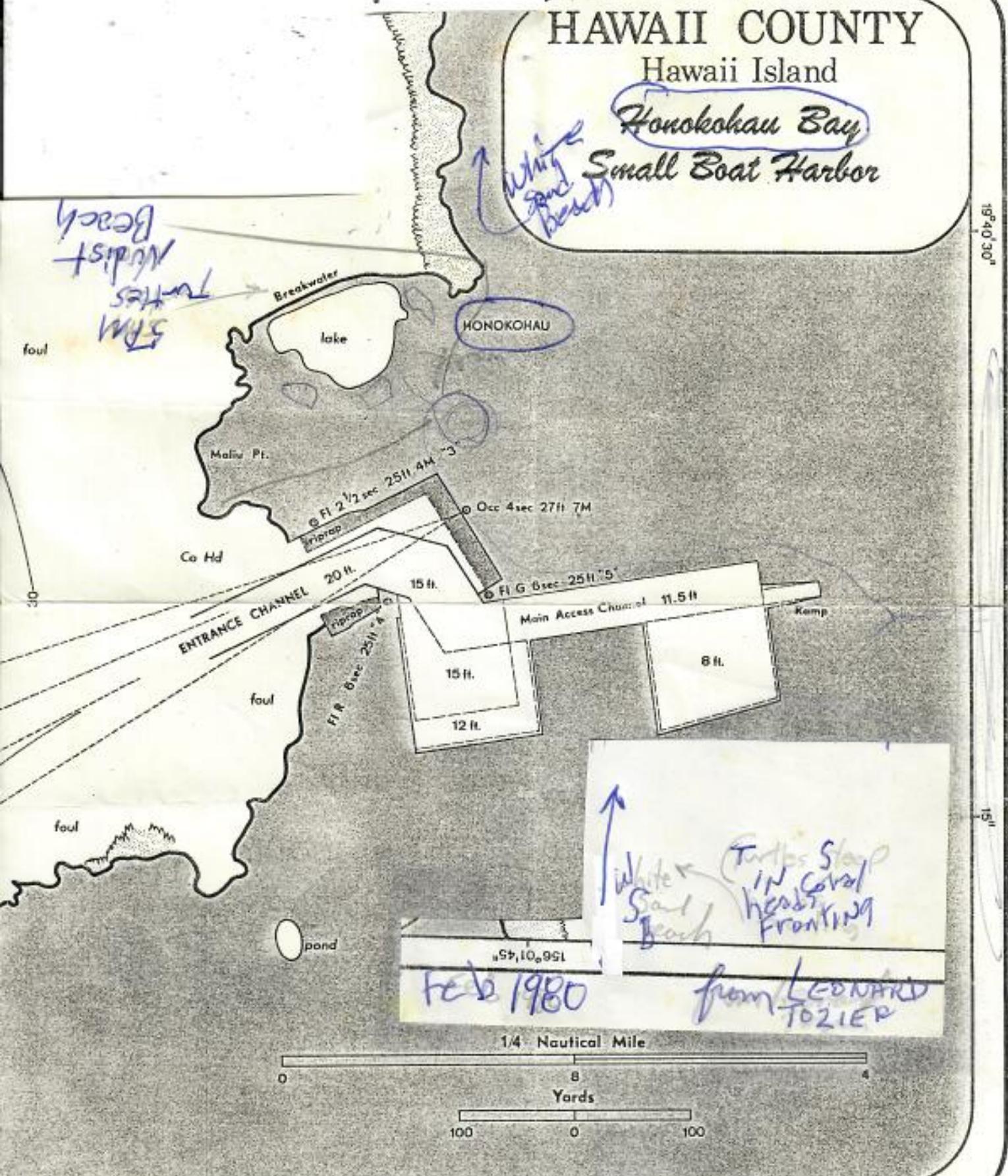
W. H. MEINECKE
S. R. B. WAIOHINI
NAALEHU HI 96772

HAWAII COUNTY

Hawaii Island

Honokohau Bay

Small Boat Harbor



156°01'45"

SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs,
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: Capt Lewis

Address & Tel. No. (optional) 707 Vauzor Ave 624-5481

Date: 3-5 Dec 1976 Time: Day Location (indicate
on chart): _____

Observation made from: shore;

boat; or while skin SCUBA diving.

Estimated size (shell length): 2

Turtle seen on: surface; or at depth of
approx. 30 ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):



Other comments: APPROX 5 turtles seen during 3 days

of diving
George, you talked to Capt Lewis when you came up on 14 Dec. The sightings
were made by some cliff, near a new state park.
THANK YOU FOR YOUR COOPERATION

Ed

SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: Barbara Ward

Address & Tel. No. (optional): 430 W. Kawili #3A 959-9842

Date: 12-5-76 Time: 11:00 AM Location (indicate

on chart): 1 mile North of Mahukona

Observation made from: shore;

boat; or while skin SCUBA diving.

Estimated size (shell length): 19"

Turtle seen on: surface; or at depth of

approx. 20 ft. Distinguishing

characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):

Short thin tail. Shell fringed with algae.

Other comments:



THANK YOU FOR YOUR COOPERATION

ANS
SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs,
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: Del Dykes

Address & Tel. No. (optional): 430 W Kawaihi St, Mililani, HI 96720 954-9747

Date: Dec 9, 1986 Time: 2:30 PM Location (indicate

on chart): Mehukona - lighthouse south

Observation made from: shore;

 boat; or while skin SCUBA diving.

Estimated size (shell length): 24"

Turtle seen on: surface; or at depth of

approx. 35 ft. Distinguishing

characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):

Green turtle, female, small crack in shell, much brownish
algae on neck & shell.

Other comments: turtle sleeping in cove.



THANK YOU FOR YOUR COOPERATION

SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs,
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: MAE/Gin Kinsat

Address & Tel. No. (optional): _____

Date: ~12/23/77 Time: _____ Location (indicate

on chart): _____

Observation made from: shore;

boat; or while skin SCUBA diving.

Estimated size (shell length): 2 1/2' long

Turtle seen on: surface; or at depth of
approx. ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):



Other comments: Halawa - 1 mile east of Kohala Point
Lighthouse - Green off cliff

THANK YOU FOR YOUR COOPERATION

SEA TURTLE SIGHTING REPORT

Observation made by: R. Taylor

(Please return to: George H. Balazs,
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

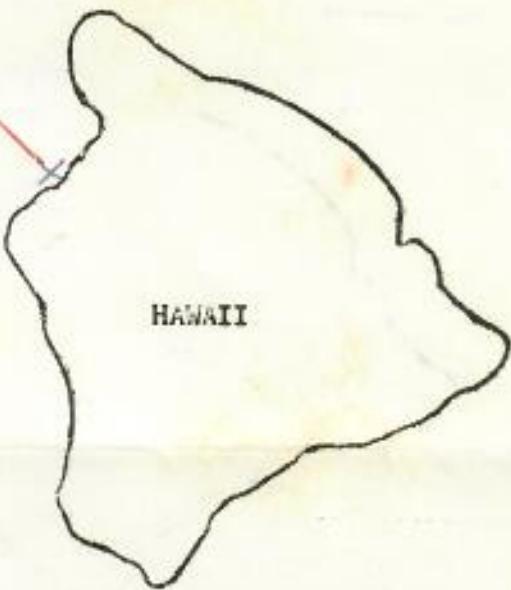
Address & Tel. No. (optional): P.O. Box 156 Hollisaoa, 96725 324-1318

Date: 9/27/78 Time: 10:20 AM Location (indicate
on chart): Kiholo (INSIDE LAGOON)

Observation made from: shore;
 boat; or while skin SCUBA diving.

Estimated size (shell length): 3'

Turtle seen on: surface; or at depth of
approx. 1-3 ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):



Other comments: Very surprised to see him swimming in very
cool-nearly fresh water, along surface, inside lagoon.

THANK YOU FOR YOUR COOPERATION

MOTOROLA INC.
Communications Group

SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs,
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: R. Taylor

Address & Tel. No. (optional): P.O. Box 156 HONUAOAH 96725 324-1318

Date: 8/20/78 Time: 11:00 AM Location (indicate
on chart): KIHOLO BAY-KAUPULEHU END

Observation made from: shore;
 boat; or while X skin SCUBA diving.

Estimated size (shell length): 3 1/2'

Turtle seen on: surface; or at depth of
approx. 40 ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):



Other comments: FIRST OBSERVED TURTLE SWIMMING AT DEPTH OF 40' - PURSUED
HIM/HER, LOST SAME, FOUND RESTING ON BOTTOM NEAR CORAL (@ ABOUT
50-60 FOOT DEPTH - TURTLE SWAM LEISURELY OUT TOWARDS OPEN
OCEAN
THANK YOU FOR YOUR COOPERATION

SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs,
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: R. Taylor

Address & Tel. No. (optional): P.O. Box 136 Honolulu 96725 324-1318

Date: 4/16/78 Time: 3:00 PM Location (indicate
on chart): Pearl Ramp

Observation made from: shore;
 boat; or while ✓ skin SCUBA diving.

Estimated size (shell length): 3'

Turtle seen on: ✓ surface; or at depth of
approx. ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):



Other comments: He dove to escape as soon as we tried
to get a closer look.

THANK YOU FOR YOUR COOPERATION



Turtle sightings, fish catch reports helpful to studies

Last week we discussed the Hawaiian Leeward Islands and their marine natural resources, including commercial potential. One of the marine animals of that area with former, and perhaps future, economic importance is the green sea turtle.

Sea turtles are animals about which virtually nothing is known from the time they leave the beach as one ounce

hatchlings until they are first seen as juveniles (about 10 pounds or larger). The juvenile turtles are usually first seen in shallow waters close to shore. Juvenile and larger turtles are found in the main Hawaiian islands, and occasionally adults nest and lay eggs here. A few hatch on our beaches and go to sea.

Smaller size turtles apparently live for a period of time in the open ocean away from land where they feed on squid, crustaceans and jellyfish. Their growth rate is about $\frac{3}{4}$ inch per year. Commercial fishing for green sea turtles is currently prohibited due to stress on the stocks of animals. George H. Balazs of the Hawaiian Sea Turtle Research Program is seeking biological and ecological information on young sea turtles (under 10 pounds). One method for gaining information involves the indirect sampling of the turtles from the stomachs of pelagic fishes such as tuna, mahimahi, marlin, sharks and others. These fishes may periodically eat small turtles. The information gathered in this project will be valuable in improving management of Hawaiian sea turtle stocks. Any fisherman finding a fish with turtle contents in the stomach can call George Balazs direct at 247-6631 (Oahu). Neighbor islanders may call collect.

An ongoing program helpful to marine research is the sea turtle sighting program. This is a volunteer program in which persons sighting sea turtles report information on standard forms designed for this purpose (see illustration at bottom of page). For either of the above programs, you can contact George H. Balazs, Hawaii Institute of Marine Biology, P.O. Box 1346, Kaneohe, HI, 96744.

A marine research project very visible to Kona fishermen is the National Marine Fisheries Service Fish Aggregation Buoy system. There are six in the state. The two buoys off Kona, 4 miles out from Kaiwi Point and 8 miles up from Ke-ahole Point are drawing fish for commercial, charter and recreational boats. An experimental project of this type requires voluntary information from fishermen to be successful. The main problem, according to fisheries personnel, is not lack of fish, but lack of information about the catches. The statistics are necessary to justify maintaining (and perhaps adding) buoys. The illustration at the left is a sample Fish Catch Record for reporting catches within 3 miles of the buoys. Visits to the buoys with no catches should also be recorded. Some volunteer fishermen have been reporting already, but more data is needed. Some Kona Charter Skippers Association, Kona Activities Center, Kona Mauka Trollers and Kona Iki Trollers members have been reporting. If you are interested you can also contact our office, P.O. Box 859, Kona, HI, 96750. Phone 322-2577.

SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs,
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631).

Observation made by: CRAIG FULLER
Address & Tel. No. (optional): 908 128 9618
Date: 6/24/78 Time: 11:00 AM

Location (indicate on chart): At 4 miles offshore from Kealakekua Bay, Kona, Hawaii

Observation made from: shore;
boat; or while skin SCUBA diving. P.O.

Estimated size (shell length): 36 in.
Turtle seen on: X surface; or at depth of approx. 5 ft.

Distinguishing characteristics (species I.D. if known, long tail, shell color, tags, injuries, etc.):
Turtle was missing left front flipper.
Other comments: A school of ~ 8 mohi-mahi; ~ 30 lb were seen to be biting at it.

Kailua-Kona, Hawaii 96740
P.O. Box 891

SEA WIFE

THANK YOU FOR YOUR COOPERATION

62
SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs,
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: Rick Taylor

Address & Tel. No. (optional): PO Box 156 Honolulu HI 96725

Date: 7/30/79 Time: 10PM Location (indicate
on chart): Kiholo Bay (^{NEAR FISH POND}
OUTLET)

Observation made from: X shore;
 boat; or while skin SCUBA diving.

Estimated size (shell length): 30-36"

Turtle seen on: X surface; or at depth of
approx. 3 ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):

NO VISIBLE TAGS OR MARKS - 6 TURTLES SEEN GRAZING
TOGETHER NEAR OUTLET OF FISH PONDS IN SHALLOW WATER
Other comments: NO MORE THAN 3' DEEP - VERY SECURE, CONFIDENT
IN APPEARANCE & VERY HEALTHY LOOKING.



THANK YOU FOR YOUR COO



KONA FAMILY YMCA

PO BOX 529 KEALAKEKUA, HI 96750

2
SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs,
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: R. Taylor

Address & Tel. No. (optional): Po Box 156, Honolulu, HI 96725

Date: 8/10/79 Time: 9:00 AM Location (indicate
on chart): KIHOLO LAGOON

Observation made from: shore;
 boat; or while skin SCUBA diving.

Estimated size (shell length): 30-36"

2 Turtles seen on: surface; or at depth of
approx. ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):

NONE OBSERVED

Other comments:



THANK YOU FOR YOUR COOPERATION

SEA TURTLE SIGHTING REPORT

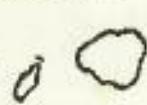
Observation made by: Rick Taylor

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kona, HI 96744;
Tel. 247-6631)

Address & Tel. No. (optional): Po Box 156 HONUALOA, HI 96725

Date: 7/6/80 Time: 1:00 PM Location (indicate

on chart): KAWAIHAE OUTER REEF

Observation made from: shore; 

boat; or while skin SCUBA diving.

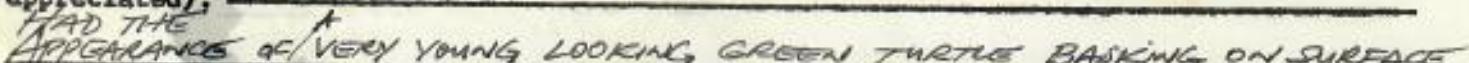
Estimated size (shell length): 1 1/2 to 2 (1 1/2 to 2' in LENGTH)

Turtle seen on: surface; or at depth of

approx. ft. Distinguishing

characteristics (species I.D. if known, long

tail, shell color, tags, injuries, etc.):

(Information on turtle parts recovered from fish or sharks would also be greatly appreciated), 

Other comments: NEAR HARBOR MARKER OVER THE REEF. THE
SMALLEST I'VE OBSERVED IN THIS GENERAL AREA.

Thanks for your
note re: turtle w/
encrustation on
shell - appreciate
the feedback
Rick



THANK YOU FOR YOUR COOPERATION

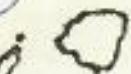
TURTLE SIGHTING REPORT

Observation made by: Rick Taylor

Address & Tel. No. (optional): PO Box 156 HONUALOA, HI 96725

Date: 5/27/80 Time: 2:00 PM Location (indicate

on chart): OUTSIDE KAHIHAHAE HARBOR

Observation made from: shore; 

boat; or while skin SCUBA diving.

Estimated size (shell length): 3-5'

Seen on: surface; or at depth of

approx. ft. Distinguishing

characteristics (species I.D. if known, long

tail, shell color, tags, injuries, etc.):

TURTLE APPEARED TO HAVE EITHER HEAVY ENCROSTATION ON
SHELL GIVING PALE OR WHITE APPEARANCE, OR IT

Other comments: COULD HAVE BEEN THE PAINT YOU MARKED
SOME OF THEM WITH THE SHAPE WAS IRREGULAR

AS WELL AS THANK YOU FOR YOUR COOPERATION

ILLEGIBLE IN THE TIME WE HAD TO OBSERVE
THE TURTLE - WE WERE SAILING OVER THE
REEF ABOUT 100 YDS OFF THE BREAKWATER,
ENTRANCE IN A WEST/SOUTH WEST DIRECTION.

(Please return to: George H. Balazs,
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

KONA FAMILY YMCA

74-5614/C Pawai Place • Kailua-Kona, Hawaii 96740



Thanks for your paper &
the book ref. Hope to see
you down here this summer.

SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631) W.H.B.

Observation made by: W. Dudley

Address & Tel. No. (optional): Hilo - Hilo

Hilo, HI 96720

Date: 4/26/80 Time: 1:15 Location (indicate
on chart): _____

Observation made from: shore;
 boat; or while skin SCUBA diving.

Estimated size (shell length): see below

Turtle seen on: surface; or at depth of
approx. ft. Distinguishing
characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.):

shell color - green

Other comments: 6 turtles smallest approx. 18', largest approx 36"
others intermediate in size



THANK YOU FOR YOUR COOPERATION

Dr. Walter C. Dudley



University of Hawaii at Hilo

HILO, HAWAII 96720



OTTAWA 1 3300 2 2 00

SEA TURTLE SIGHTING REPORT

(Please return to: George M. Balazs;
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: E FISCHER Address & Tel. No. (optional): _____

Date: 3-3-81 Time: 3:30pm Location (indicate
on chart): _____

Observation made from: shore;
 boat; or while skin SCUBA diving.

Estimated size (shell length): 15"

Turtle seen on: surface; or at depth of

approx. 2 ft. Distinguishing

characteristics (species I.D. if known, long
tail, shell color, tags, injuries, etc.): none

(Information on turtle parts recovered from fish or sharks would also be greatly
appreciated). _____

Other comments: _____

THANK YOU FOR YOUR COOPERATION

MARINE ADVISORY PROGRAM
SEA GRANT, U.H.
P.O. BOX 1327
KAILUA-KONA, HAWAII 96740
PHONE: 329-6767

PHONE: 329-6767



DEPARTMENT OF THE ARMY
U. S. ARMY ENGINEER DISTRICT, HONOLULU
FT. SHAFTER, HAWAII 96858

3/9/81

TM

PODED-PV

9 March 1981

SIA
MCS
GKH

Mr. Doyle Gates, Administrator
National Marine Fisheries Service
Southwest Region
Western Pacific Program Office
PO Box 3830
Honolulu, HI 96812

By 4/5

Dear Mr. Gates:

We are studying the feasibility of constructing a small craft harbor on the east side of the island of Hawaii. Four potential sites are being investigated and include Lelewi Point, King's Landing, Kapoho, and Kalapana (maps attached, inclosures 1 thru 4). We would like to know if any threatened or endangered species, protected marine mammals and their habitats, or marine sanctuaries are located in the project areas. We would appreciate a response from you by 5 April 1981.

Sincerely,

CLARENCE S. FUJII
Acting Chief, Engineering Division

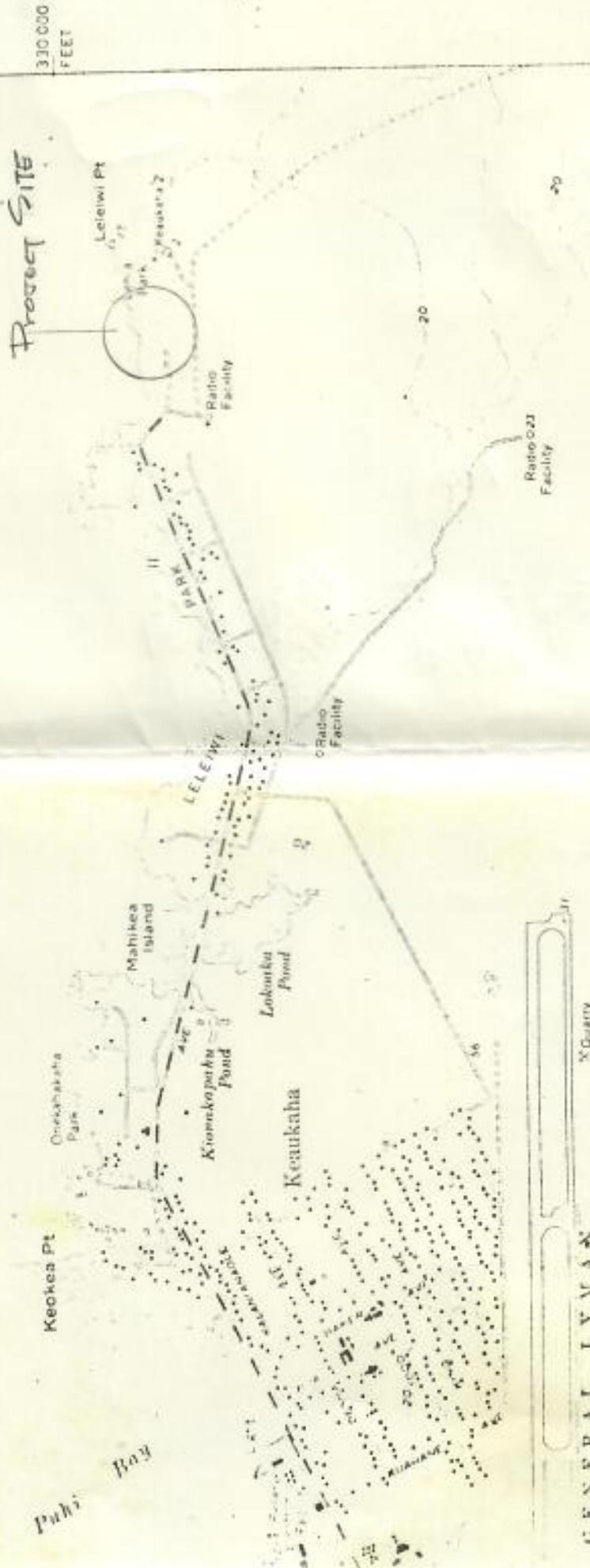
4 Incl
As stated

HILO QUADRANGLE
HAWAII-ISLAND AND COUNTY OF HAWAII
7.5 MINUTE SERIES (TOPOGRAPHIC)
NEA HILO 15' QUADRANGLE

155° 00'
19° 45'
670 000 FEET
2° 30"

P A C I F I C

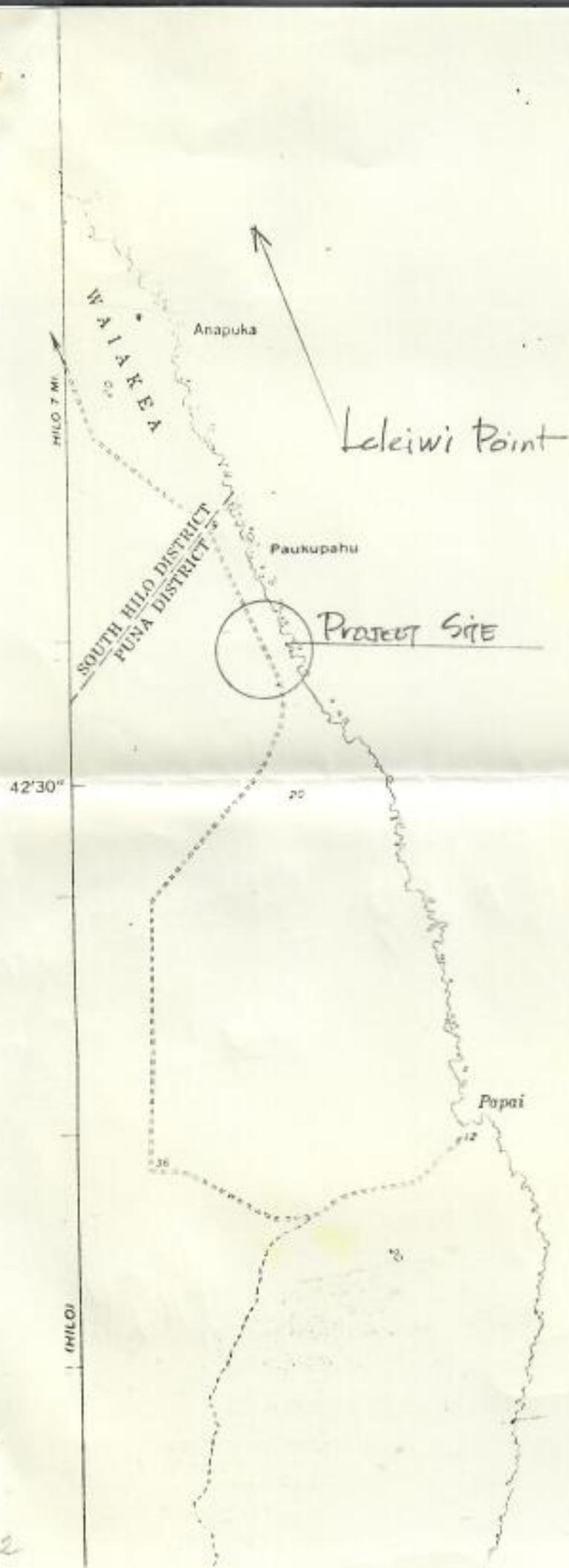
O C E A N



GENERAL LYMAN

FIELD

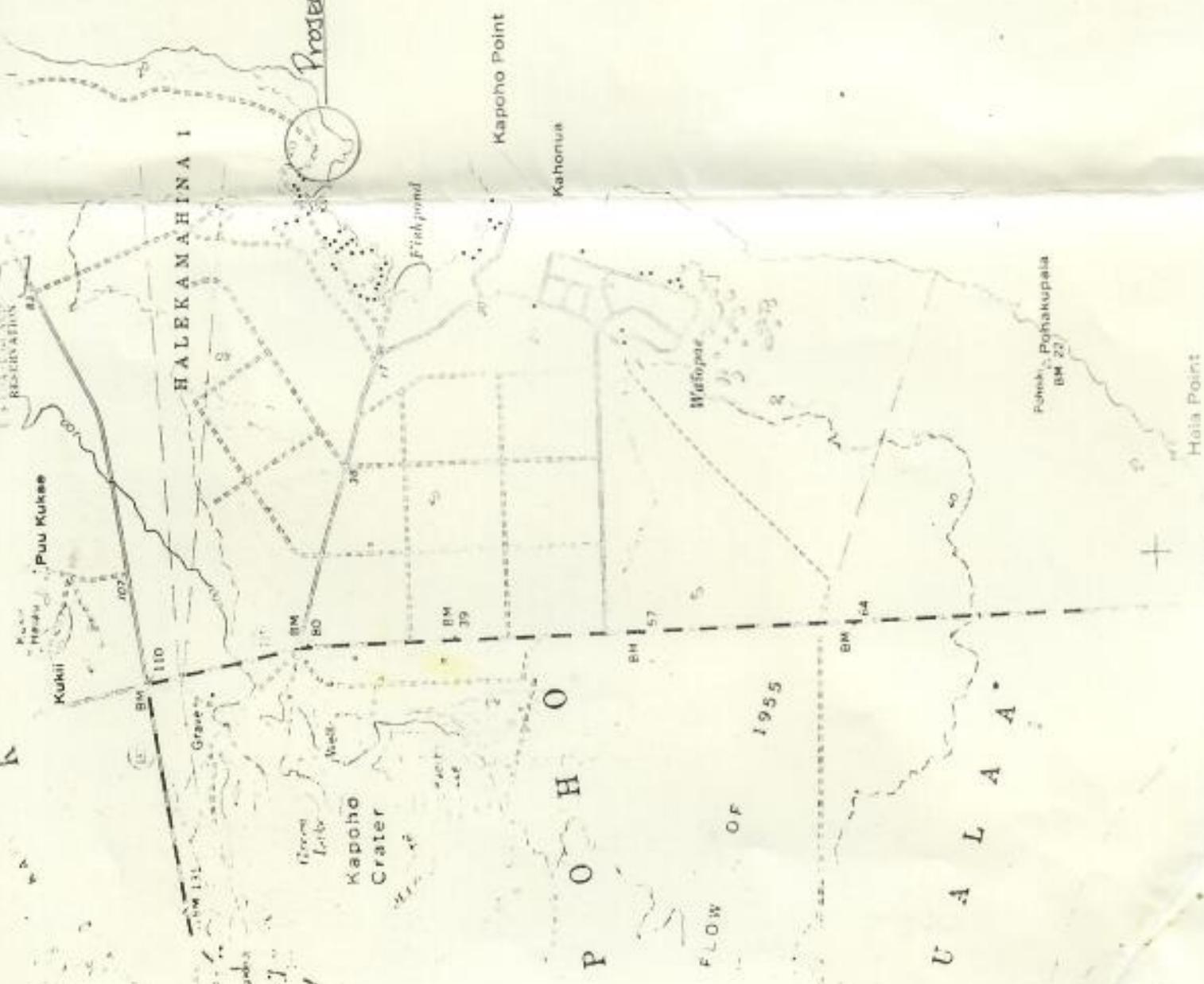
Hawaii National Guard



Source: KELAU Ranch Quad
1968

Source: Kapoho Quad, USGS

Protest Site



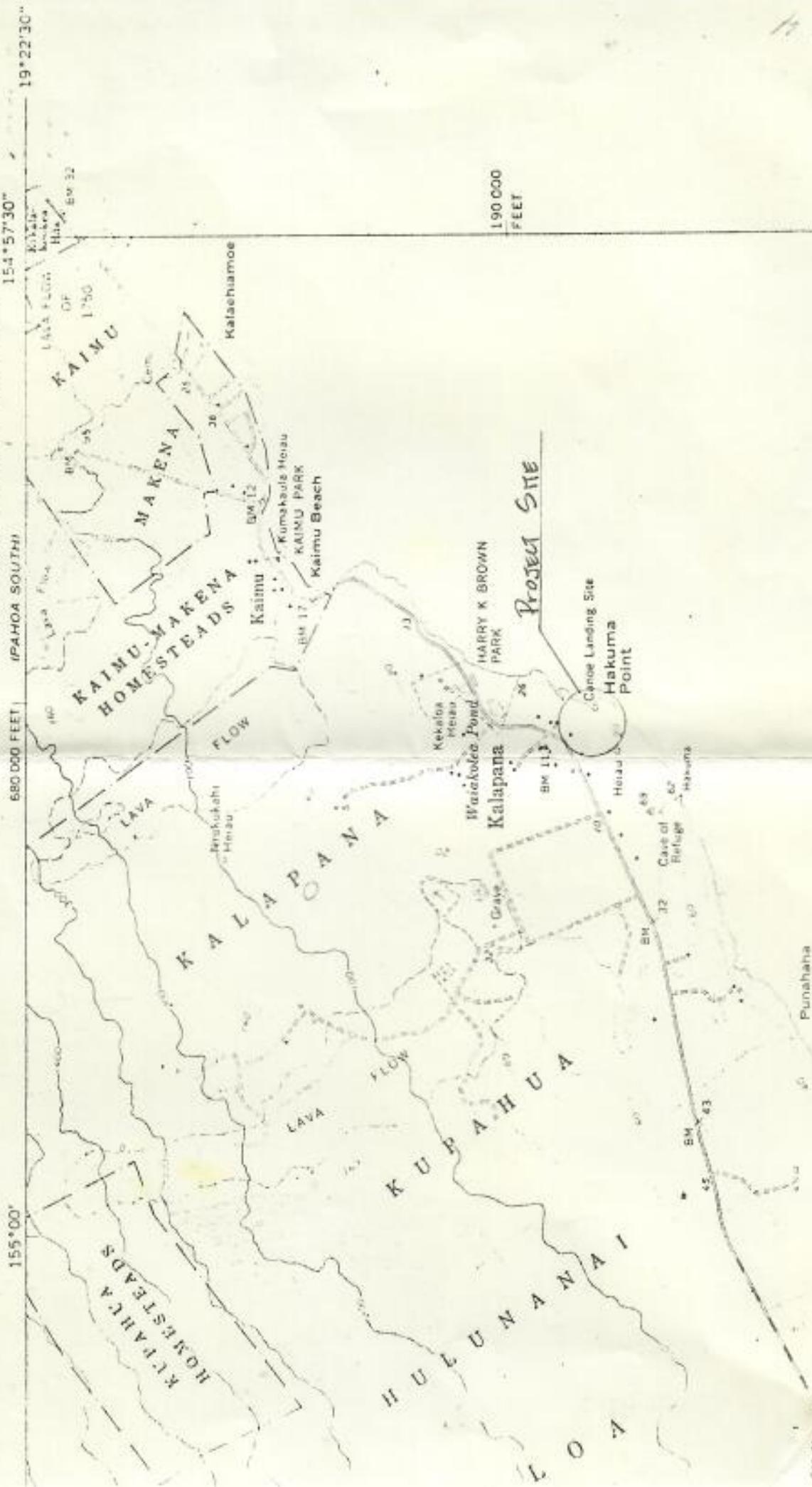
KALAPANA QUADRANGLE
HAWAII-HAWAII CO.
ISLAND OF HAWAII - PUNA DISTRICT
7.5 MINUTE SERIES (TOPOGRAPHIC)

HAWAII-HAWAII CO.

**ISLAND OF HAWAII - PUNA DISTRICT
7.5 MINUTE SERIES STOPOGRAPHIC
HAWAII - HAWAII CO.**

7.5 MINUTE SERIES (TOPOGRAPHIC)

13 MUNIE SERIES (101 MARATHON)



PO 4331
Kawaihae, Hi
96743

George Balus
University of Hawaii-HIMB
Coconut Island

2/26/80

Dear George -

I have enclosed some sighting forms given to me by Maurie Sanderson for observations made on the Big Island. Since I live on the Big Island & am diving or out on the water every day, it is easy for me to make observations. As a matter of fact we see turtles almost every day at Pukos and in front of Spencer Park.

IF I can be of help please let me know - Sincerely, Therese Hayes

UNITED STATES
DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

P.O. Box 4331
KAUA'I HI 96743

SEA TURTLE SIGHTING REPORT

Thank you for your cooperation

(Please return to: George H. Balazs; Hawaii
Institute of Marine Biology; P. O. Box 1346;
Kaneohe, HI 96744; Tel. 247-6631)

Observation made by Thru Hayes Date 2/19/80 Time 1300

Address & Tel. No. (optional) _____

Location (indicate on chart) FRANCIS BROWN (Waimea Pt.)

Observation made from: shore; boat; or while skin
SCUBA diving.

Estimated size (shell length) ?

Turtle seen on: surface; or at depth
of approx. 15 ft.

Distinguishing characteristics (species
I.D. if known, long tail, shell color,
tags, injuries, etc.):
GREEN SEA

Other comments:

(OVER)

SEA TURTLE SIGHTING REPORT

Thank you for your cooperation

(Please return to: George H. Balazs; Hawaii
Institute of Marine Biology; P. O. Box 1346;
Kaneohe, HI 96744; Tel. 247-6631)

Observation made by Theseffyes

Date 2/29/80 Time 1030

Address & Tel. No. (optional) _____

Location (indicate on chart) _____

(# 1 on chart)

Observation made from: shore;
 boat; or while skin
 SCUBA diving.

Estimated size (shell length) _____

Turtle seen on: surface; or at depth
of approx. 10 ft.

Distinguishing characteristics (species
I.D. if known, long tail, shell color,
tags, injuries, etc.):
GREEN SEA

Other comments:

(over)

SEA TURTLE SIGHTING REPORT

Thank you for your cooperation

(Please return to: George H. Balazs; Hawaii
Institute of Marine Biology; P. O. Box 1346;
Kaneohe, HI 96744; Tel. 247-6631)

Observation made by Therese Hayes

Date 3/21/80 Time 1430

Address & Tel. No. (optional) _____

Location (indicate on chart) PUAKO REEF OFF LOT 58 (#2 on Chart)

Observation made from: shore;
boat; or while skin
SCUBA diving.

Estimated size (shell length) 24'

Turtle seen on: surface; or at depth
of approx. 20 ft.

Distinguishing characteristics (species
I.D. if known, long tail, shell color,
tags, injuries, etc.):
GREEN SEA

Other comments:

(OVER)

SEA TURTLE SIGHTING REPORT

Thank you for your cooperation

(Please return to: George H. Balazs; Hawaii
Institute of Marine Biology; P. O. Box 1346;
Kaneohe, HI 96744; Tel. 247-6631)

Observation made by Therese Hayes

Date 2/22/80 Time 10:30 am

Address & Tel. No. (optional) PO Box 4331 KAWAIIHAE 96743

Location (indicate on chart) PUAKO BOAT RAMP 882-7094

(#3 on chart)

Observation made from: shore;
 boat; or while skin
SCUBA diving.

Estimated size (shell length) 20"

Turtle seen on: surface; or at depth
of approx. ft.

Distinguishing characteristics (species
I.D. if known, long tail, shell color,
tags, injuries, etc.):
GREEN SEA

Other comments:

(OVER)

SEA TURTLE SIGHTING REPORT

Thank you for your cooperation

(Please return to: George H. Balazs; Hawaii
Institute of Marine Biology; P. O. Box 1346;
Kaneohe, HI 96744; Tel. 247-6631)

Observation made by THERESA HAYES Date 07/24/80 Time _____

Address & Tel. No. (optional) _____

Location (indicate on chart) PUAKO OFF LOT 56

Observation made from: shore;
 boat; or while skin
 SCUBA diving.

Estimated size (shell length) 36

Turtle seen on: surface; or at depth
of approx. 20 ft.

Distinguishing characteristics (species
I.D. if known, long tail, shell color,
tags, injuries, etc.): GREEN

Other comments: Turtle was in a hole in a cave
just sitting there Also saw the same or another
one about 15 min earlier at 40 feet - (OVER)

~~that one was swimming away when I~~
~~noticed him~~

SEA TURTLE SIGHTING REPORT

(Please return to: George H. Balazs,
Hawaii Institute of Marine Biology;
P. O. Box 1346; Kaneohe, HI 96744;
Tel. 247-6631)

Observation made by: Byron Ayoso

Address & Tel. No. (optional): Kona Village Resort (Keauhou)

Date: 4/1/80 Time: 9:00am Location (indicate

on chart): In front of the Village

Observation made from: shore

boat; or while skin SCUBA diving.

Estimated size (shell length): 3' and 4'

Turtle seen on: surface; or at depth of

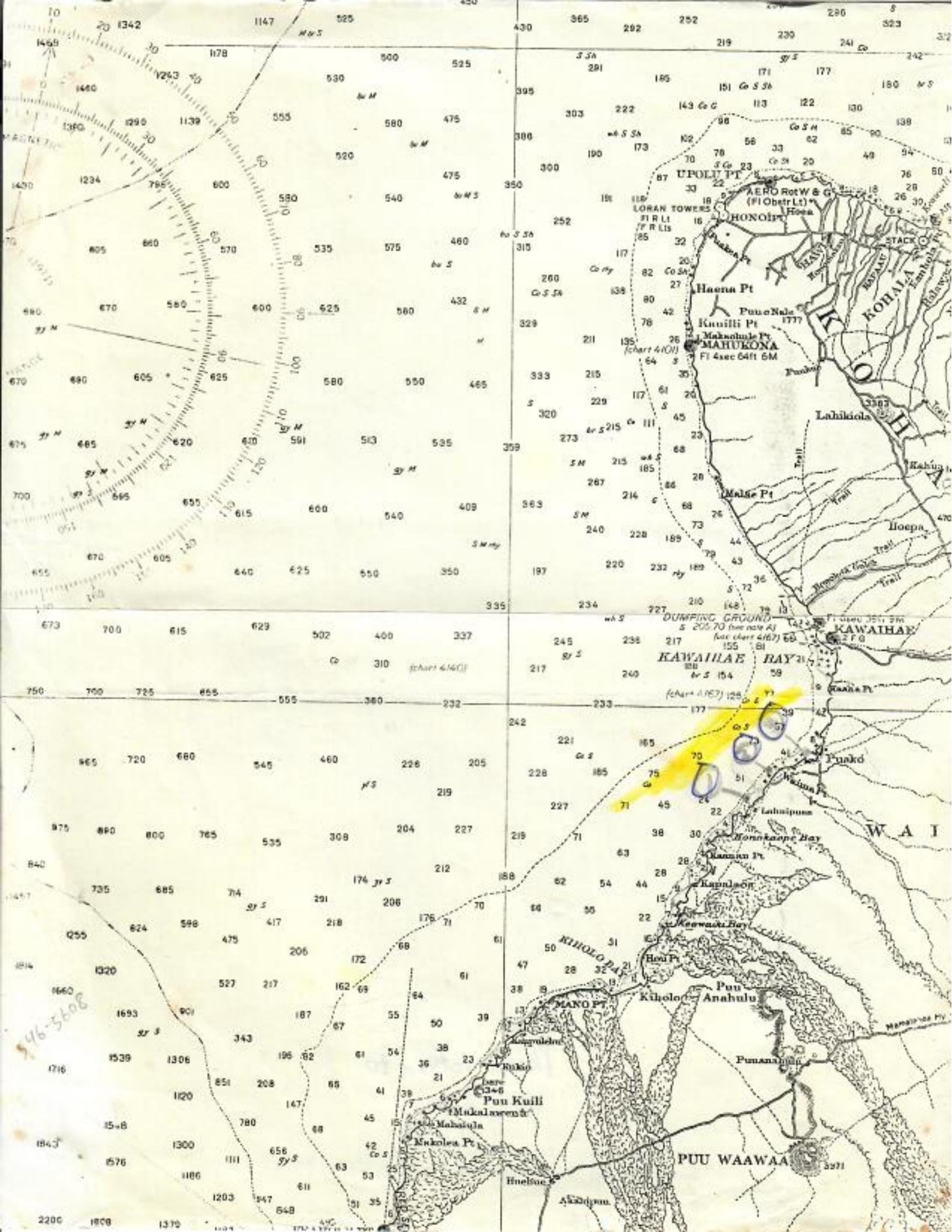
60-51744-A-100

characterization (Section 5.2, 661-671).

Seen from our glass bottom boat directly in front of the village at the
-60 ft. ledge. Two "Green Back" Turtles were seen. It seems as if they
live there in the cave. Both were seen since the first day of the arrival
Other comments: Cave.
of the glass bottom boat which were a month ago.



THANK YOU FOR YOUR COOPERATION



Please return to
GEORGE H. BALAZS

UNIVERSITY OF HAWAII
Hawaii Institute of Marine Biology
Coconut Island • P. O. Box 1345 • Kaneohe, Hawaii 96744

