

MOP-HILO GREEN TURTLE

PROJECT 1983-84
(DIVE LOGS)

RECORD

7530-00-222-3525
FEDERAL SUPPLY SERVICE
(GPO)

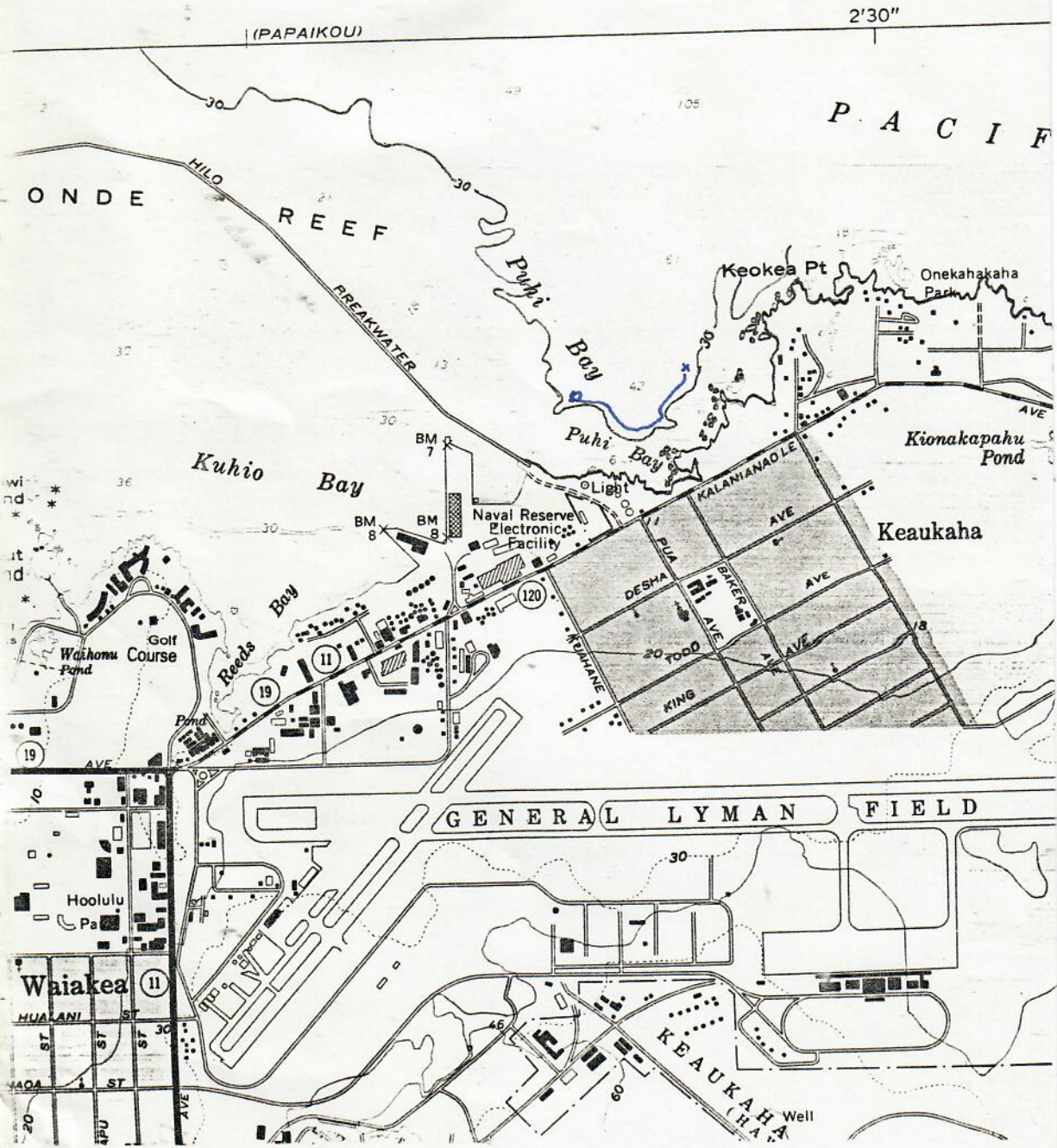
NMFS/MOP-HILO
GREEN TURTLE PROJECT

NATIONAL MARINE FISHERIES SERVICE
HONOLULU LABORATORY
P. O. BOX 3830
HONOLULU, HAWAII 96812

729-7189

(on scraps of paper found between pages...?)

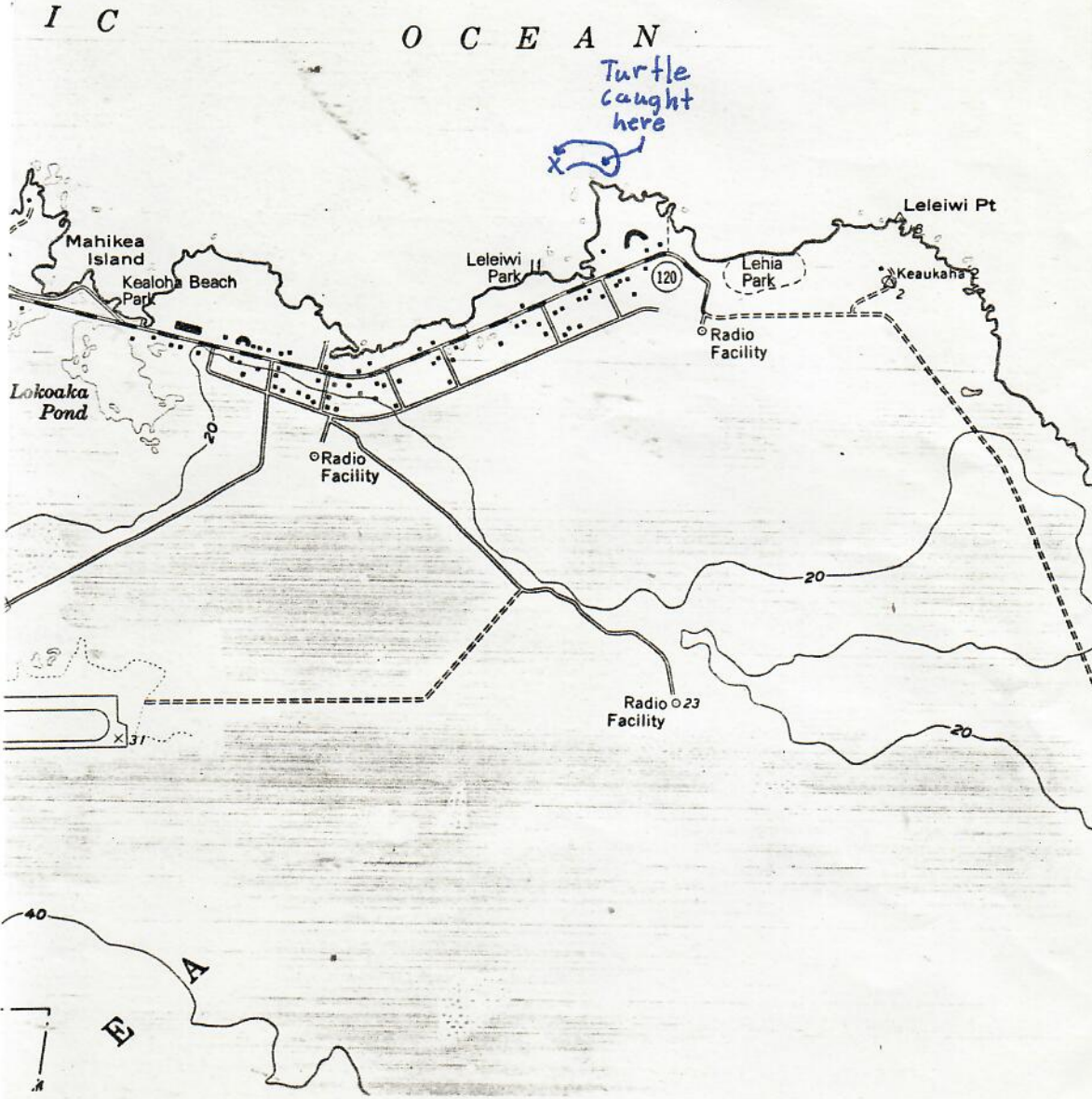
1/28/84
ONE Turtle was caught



HILO QUADRANGLE
HAWAII-ISLAND AND COUNTY OF HAWAII
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE/4 HILO 15' QUADRANGLE

670 000 FEET

155° 00'
19° 45'



NI
GI

Observation Dives

DATE Location # turtles tag / NONE

10/28/83	Pohoiiki	3	^{No tags} None seen
11/5/83	Richardsons	1	6707, 6708
11/5/83	"	1	6709, 6710

TAG NO.	HEAD	LENGTH	WIDTH	Live/Dead	CARAPACE	Location
NONE	9cm	55 1/2 cm	43 1/2 cm	Dead	58cm	Hilo bay
6707-6708	9.2cm	55cm	45.3	Live	60cm	Richardsons
6709-6710	8	47.5	40	Live	50	Richardsons

Dive # 1

Location: Punaluu, left near turtle bay

Date/Time: Nov. 26, 1983, 9:00 AM

Divers: G. Balaze, Miles Kaichi, Toshi Ariga, WALT Dudley,
Chris Doll Boat tender.

Maximum depth: 55 ft

Average depth: 35 ft

Stage of tide: +1.9

Water conditions: sea's small, visibility 75ft, current ~~with~~ little

Habitat: Boulder + coral, spur + groove topography

NO. Turtles seen AND behavior: 1 juvenile ^{size} 20cm

Duration of Dive

NO. Turtles captured: NONE

Dive #2

Location: Punaluu,

Date/Time: Nov. 26, 1983, 11:00 AM

DIVERS: Miles Kaichi, Bob Laube, Will Orcutt, boat tender Chris Doll

Duration of Dive -

maximum depth - 50 ft

Average depth - 40 ft

Stage of tide - +1.6

Water conditions - Seas small, visibility 75 ft., Small current

Habitat - Silt, ~~the~~ Coral, large coral heads (cliffs) } spur + groove topographyNO. of turtle seen, size, behavior: 1) MALE, 500 pounds ^{swimming big, Mega} 100 cm - 130 cm

2) MALE 70-80 cm Seen sleeping, got away

NO. of Turtles captured: Almost one, ~~two~~ zero

Dive # Duration of Dive -

Location: PUNA^{luu}, directly in front, Just outside ^{of the} breaks.

Date/Time: Nov. 26, 1983.

Divers: George Balaze, Walt Dudley, Will Orcutt, Toshi Ariga

Boat tender: Chris Doll

maximum depth: 55 ft.

Average depth: 45 ft.

Stage of tide: +1.0

Water condition: Seas small, visibility 75 ft.

Habitat: SAND, Coral cliffs, Spur + groove topography

NO. Turtles seen, size, behavior: 1) Males, 100 - 130 cm. Carapace,

Mega turtle ^{swimming under water} 2) JUVENILE, with tags on it. 50 cm ^{swimming under water}

NO. Turtles tagged: Three.

Tag NO.

6711, 6712, 6713. Adult female, No room in the boat to measure sleeping her, so tagging was done in the water by G. Balaze.

Tag NO.: Location: JUVENILE, sleeping

6714 Left inside Straight Length - 71.1

6715 " outside notch length - 70.7

6716 Right inside width - 56.3

6717 " outside curved length - NO INFORMATION

Curved width - NO INFORMATION

Plastron Length - 54.8

Tail length - NO INFORMATION

Head width - 10.2

Comments: This JUVENILE had NO ~~set~~ unusual marks or scars, and was very quite once in the boat.

DIVE

Duration of Dive - 40 min.

Location - Puhi bay, Keaukaha, Hilo

Date/Time - Dec. 3, 1983, 9:45 AM

Divers - Miles Kaichi, Bob Laube, Hitoshi Ariga, Will Orcutt

Boat tenders - Lisa Hall, Sheila Mahony

Maximum depth - 60 ft

Average depth - 55 ft

stage of tide - +.3

Water conditions - Seas calm, visibility 40 ft

Habitat - Sea cliff, ledge with holes and small caves

NO. of turtles seen, size, behavior. 1) Juvenile, swimming on the surface, 30-40 cm. 2) Juvenile, swimming on the surface, ~~25-30~~⁵⁰ cm. 3) Adult, swimming on the surface, 70 cm.

NO. of turtles captured - ~~1~~

Tag NO.	Location	Juvenile, sleeping
7529	was scraped/Not used	
7528	Left	straight length - 45.4
7530	Right	Notch length - 45.3
		width - 34.8
		curved length - 47.9
		Curved width - 42.3
		Plastron length - 35.2
		Tail length - 8 cm
		head width - 7.3

Comments - This juvenile had A three prong spear holes, one had healed slightly, the others were still open.

DIVE

Duration of Dive - 45 min.

Location - Puhi bay, Keaukaha

Date/Time - Dec. 3, 1983 ~~11:30 am~~ 11:50 am.

Divers - Miles Kaichi, Hitoshi Ariga, Bob Laube, Will Orcutt

Boat tender - Lisa Hall, Sheila Mahony

Maximum depth - 60 ft

Average depth - 55 ft

Stage of tide - +.4

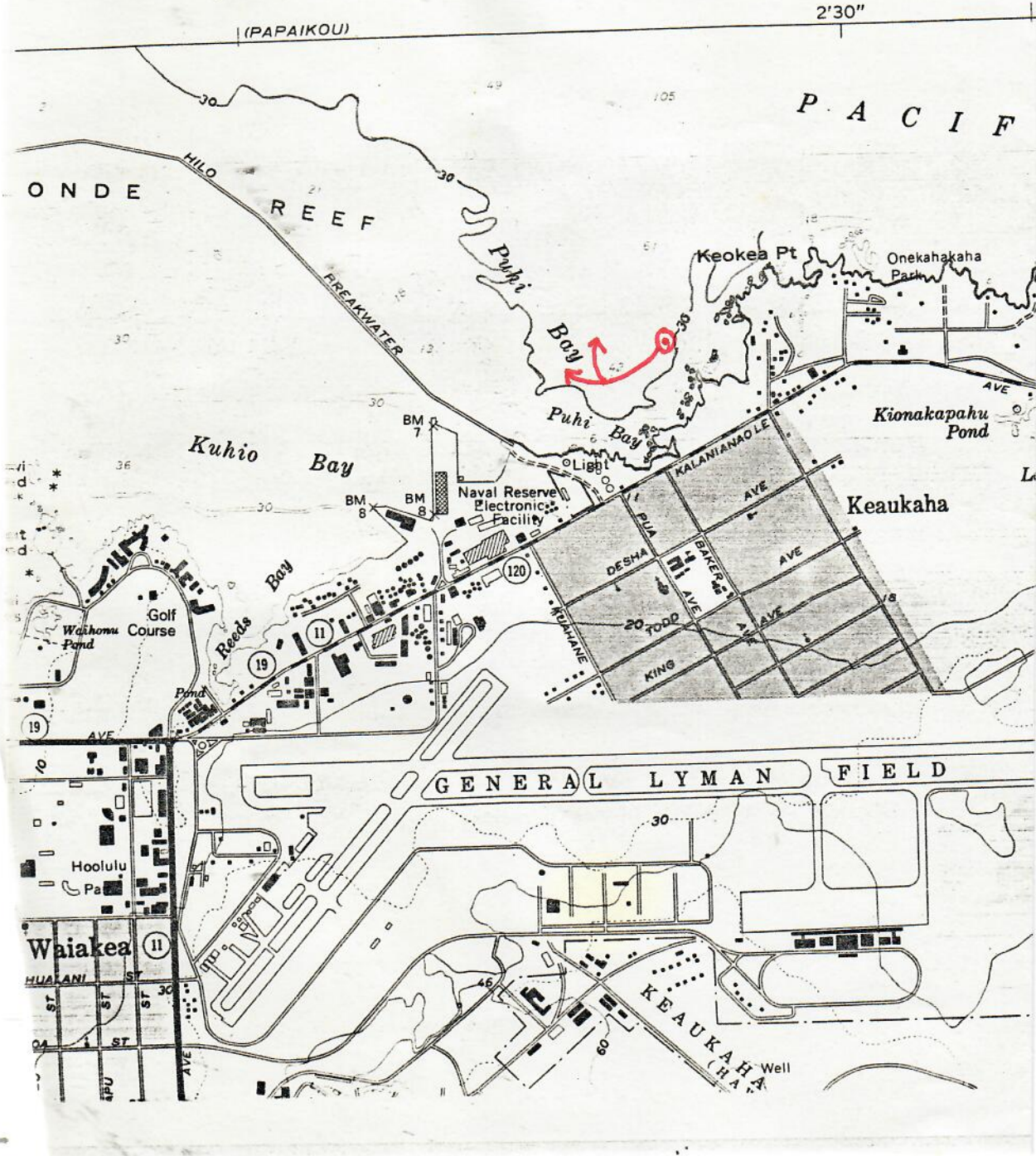
Habitat - Sea cliff, Ledge with holes and small caves.

Water conditions - Sea's small swell, visibility 50 ft

NO. of turtles seen, size, behavior - 1) Adult, 70 cm, swimming on the surface, 2) Adult, 90 cm, swimming on the surface.

NO. of turtles captured - none

Dec. 3 1983 9:45 AM



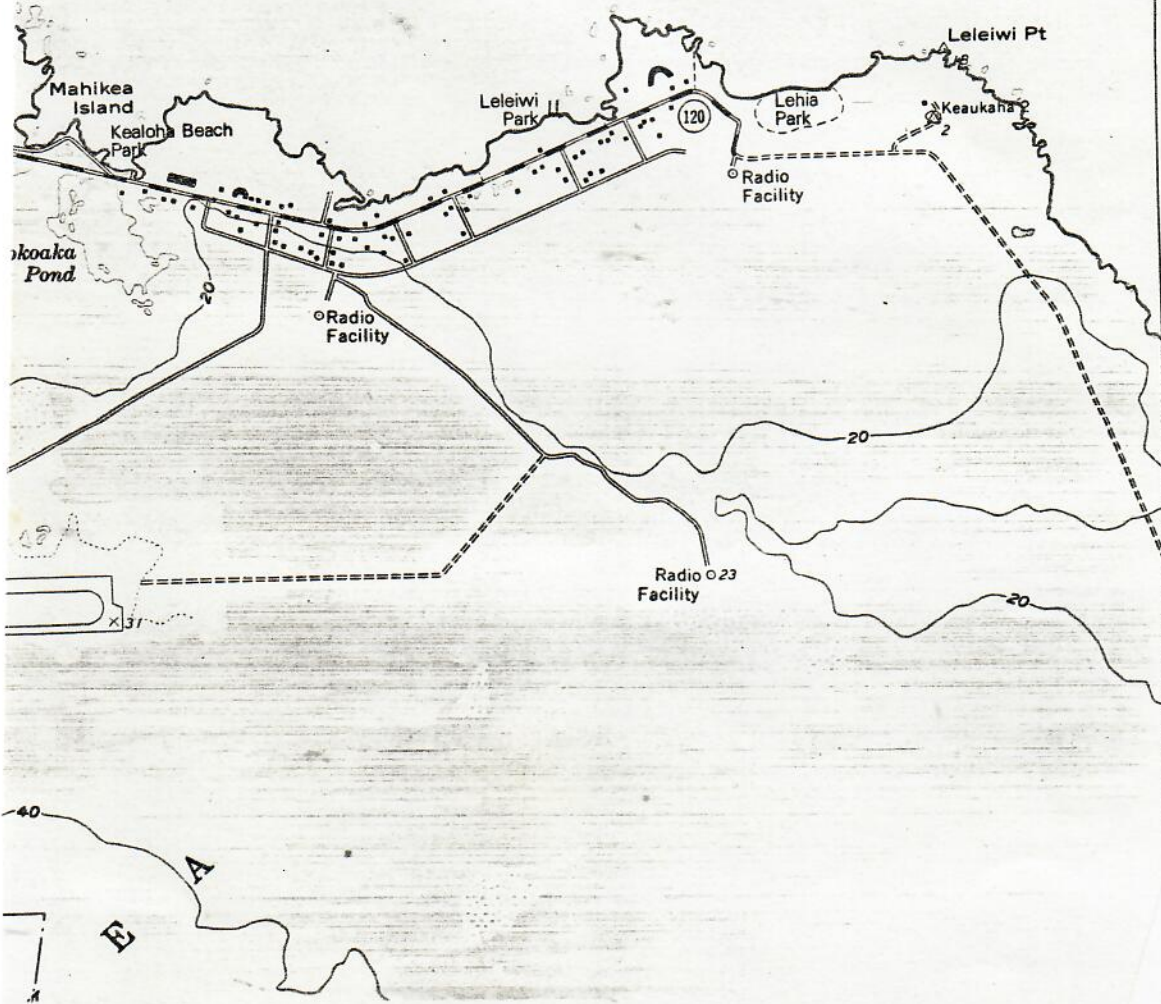
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HAWAII-ISLAND AND COUNTY OF HAWAII
7.5 MINUTE SERIES (TOPOGRAPHIC)
NE 1/4 HILO 15' QUADRANGLE

670 000 FEET

155°00'
19°45'

I C O C E A N

330 000
FEET



Location: Richardsons, Keaukaha, Hilo HI.

Date/Time: Dec. 10, 1983, 10:05 AM

Divers: Miles Kaichi, Toshi Ariga, Bob Laube, Will Orcutt

Boat tender: Lisa Hall

Maximum depth: 70 ft

Average depth: 60 ft

Duration: 48 mins

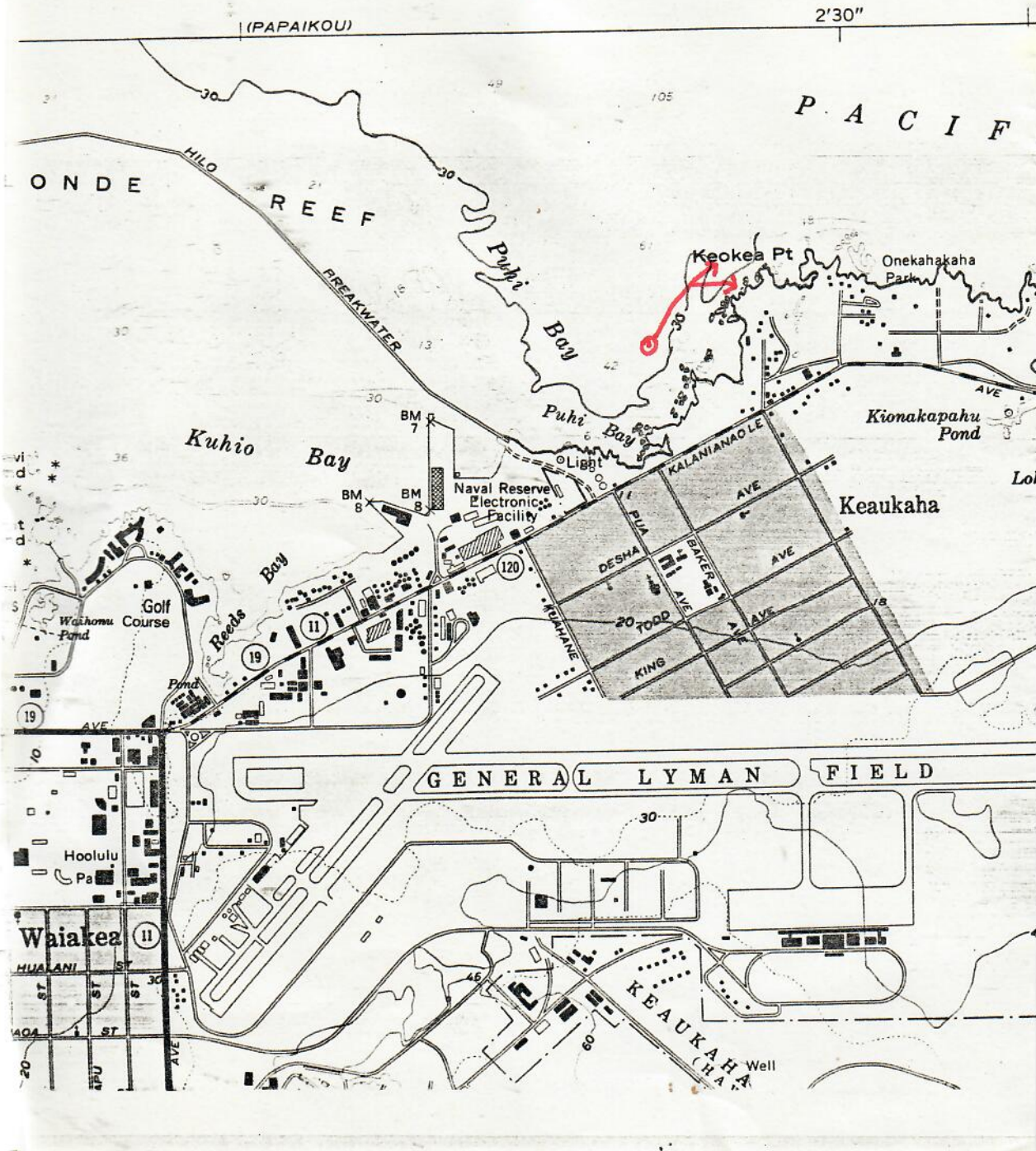
Stage of tide: +1.8

Habitat: small boulders, ledge

Water conditions: Sea's calm, Current .5 knots, ^{visibility} 40 ft

NO. of turtles seen, size, behavior: 1) surface swimming, length est. 55-60 cm. 2) swimming under water, 60-65 cm. 3) swimming u/w, 55-60 cm. 4) swimming u/w, 60-70 cm ^{est.}
Est. → are length estimates

Dec. 3, 1983



Location: Punaluu, Hi.

Date/Time: 12/17/83 - 9:13 AM

Divers: T. Ariga, M. Kaichi, B. Laube

Boat Tender: L. Hall

Maximum depth: 35 ft

Average depth: ~~35~~ + 25 ft

Duration: 33 mins.

Stage of tide:

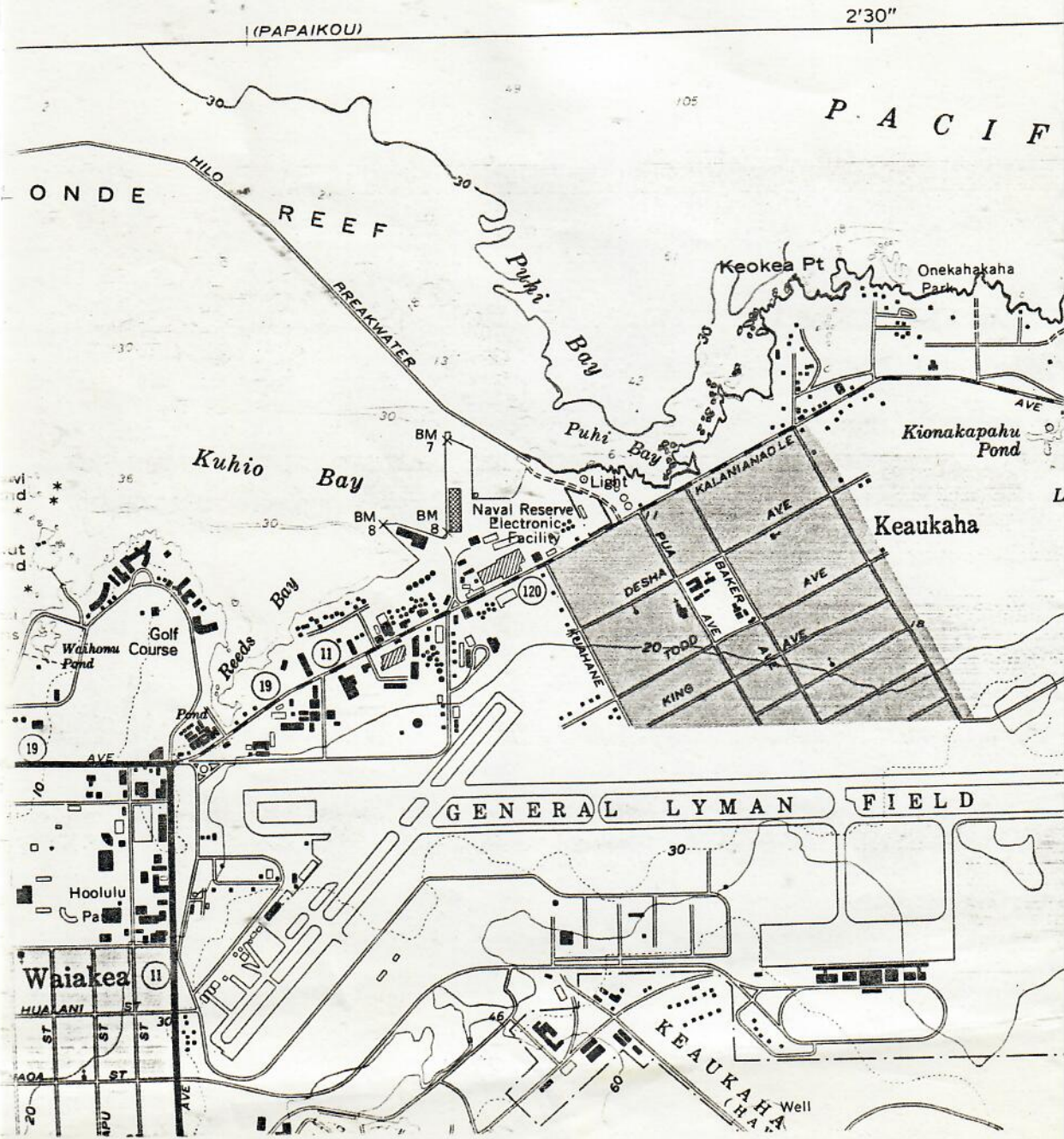
Habitat: Spur + Grove, coral, a few boulders

Water condition: Sea's calm,

NO. of Turtles seen, size, behavior: 1) 65 cm, swimming u/w,
2) 85 cm, swimming u/w.

NO. of turtles tagged.

Dec. 10, 1983 10:05 AM



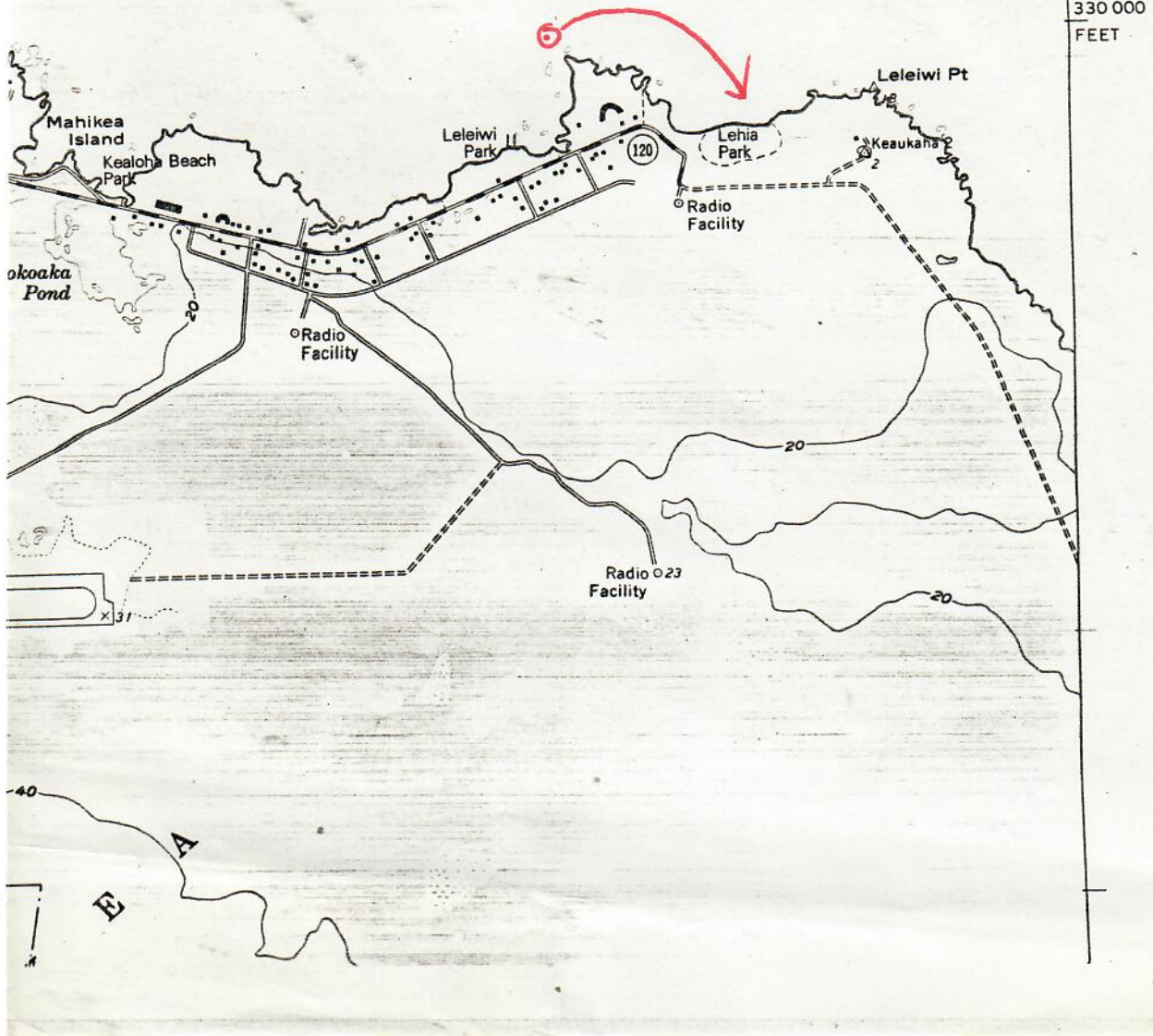
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Location: Punaluu, Hi.

Date Time: 12/17/83 - 11:35 AM

Divers: N. Bernard, W. Dudley, W. Orcutt

Boat tender: Diane Mazarakis

Maximum depth: 52 ft

Average depth: 45 ft

Duration: 32 min.

stage of tide:

Habitat: Tangare Spur + grove topography

Water condition: Seas calm, no current noticed

NO. of turtles seen, size, behavior: 1) 65cm, swimming u/w.
u/w. 80cm, swimming u/w.

NO. of turtles tagged:-

Location: Punaluu, Hi.

Date/Time: 12/17/83 - 2:15 pm

DIVERS: B. Laube, T. Ariga, M. Kaichi, W. Orcutt

Boat Fender: L. Hall

Maximum depth: 25'

Average depth: 20'

Duration: 50

Stage of tide:

Habitat: Spur + Groove topography

Water conditions: Seas semicalm + picking up, visibility good

NO. of turtles seen, size, behavior: 1) 50 cm, swimming ^{u/w}

2) 50 cm, swimming u/w, 3) 50 cm (approx.) swimming ^{u/w}

4) 80 cm, swimming u/w, 5) 80 cm (approx.) swimming ^{u/w}

6) 80 cm swimming u/w. 7) 80 cm swimming u/w.

NO. of turtles tagged:

Location:

Date/Time:

Divers:

Boat tender:

Maximum depth:

Average depth:

Duration:

Stage of tide:

Habitat:

Water conditions:

No. of turtles seen, size, behavior:

Nets.

Location: Puna Luʻu, Hawaii

Date/Time: 12/16/83 / 4:15pm —

Participants - G. Balaze, B. Laube, M. Kaichi, T. Ariga,
W. Orcutt, L. Hall, C. Doll, W. Dudley, N. Bernard, K. Lau,

~~Observers:~~ D. Kuamoo, D. Mazarakis, D. Engle, S. Mahony

Nets: ONE 130 ft (two tied together)

Duration:

Turtles caught + Tagged:


Snorkle

Location: Horse shoe, Punaluu, Hi.

Date/Time: 12/15/83, 10:45 pm

Duration: 10 mins.

Stage of tide:

Habitat: pure coral rubble bottom, shelf in the shape of a horse shoe , the interior of which was approximately 10'-15'^{ft} deep.

Turtles seen: None

Turtles caught AND tagged:

Tag #	Location	Juvenile, sleeping
7529	Right	Straight Length - 61.0
7531	Left inside ^{inside} outside	Notch length - 60.9
7532	Left inside outside	width - 50.4
		Curved length - 66.
		Curved width - 58.5
		Plastron length - 49.5
		tail length - 12.5
		Head width - 8.8

Comments: Ca

Dive

Location - Puhi bay, Keaukaha, Hilo Hawaii

Date/time - 1/28/84, 09:43 AM

Duration - 45 min.

Stage of tide -

Habitat - ~~set~~ shelf, ledge.

Divers - Miles Kaichi, Bob Laube, Will Orcutt

Boat tender - NONE

maximum depth - 45 ft

average depth - 40 ft

Water condition - Moderate visibility - Poor extremely

NO. of turtles seen - 1) swimming on the surface, 45cm

2) swimming u/w, 50cm.

NO. of Turtles caught - NONE

Dive.

Location - Richardsons Ocean center, Keaukaha, Hilo, Hi

Date/Time - 1/28/84 - 10:51

DIVERS - Miles Kaichi, Bob Laube, Will Orcutt

Boat tender - NONE

Max. Depth - 50 ft

Average Depth - 45 ft

Duration - 42 min.

Stage of tide -

Habitat - spur + grove

Water conditions - Moderate Visibility - Poor

NO. of Turtles seen - 1) swimming U/W, approximately 35 cm

2) swimming U/W, 50 cm.

NO. of ^{Turtles} caught - ONE

Ta

Tag NO. Location

7606 Right Front

7607 Left Front outside

7608 Left Front inside

Juvenile: caught while swimming
under water

Straight Length - 60.1

Notch length - 57.9

width - 47.3

Curved Length - 63.7

Curved width - 57.4

Plastron Length - 48.6

Plastron width - 47.3

tail length - 12.2

Head width - 9.1

