

3 of 3

MARBLE COMPOSITION®

NAME **GEORGE BALAZS**

SUBJECT **MAUNA LANI**

E-MAIL **gbalazs@honalab.nmfs.hawaii.edu**

100 Sheets (200 Pages)
9 3/4" x 7 1/2" (24.7 cm x 19.0 cm)
Oct 6 - 9, 2006

AMERICAN SCHOLAR

6538 12100 0

Marine Turtle Research
NOAA NMFS PIFSC
2570 Dole Street
Honolulu, Hawaii 96822

Park of Hawaii



7/4/07 TID 18th N=7

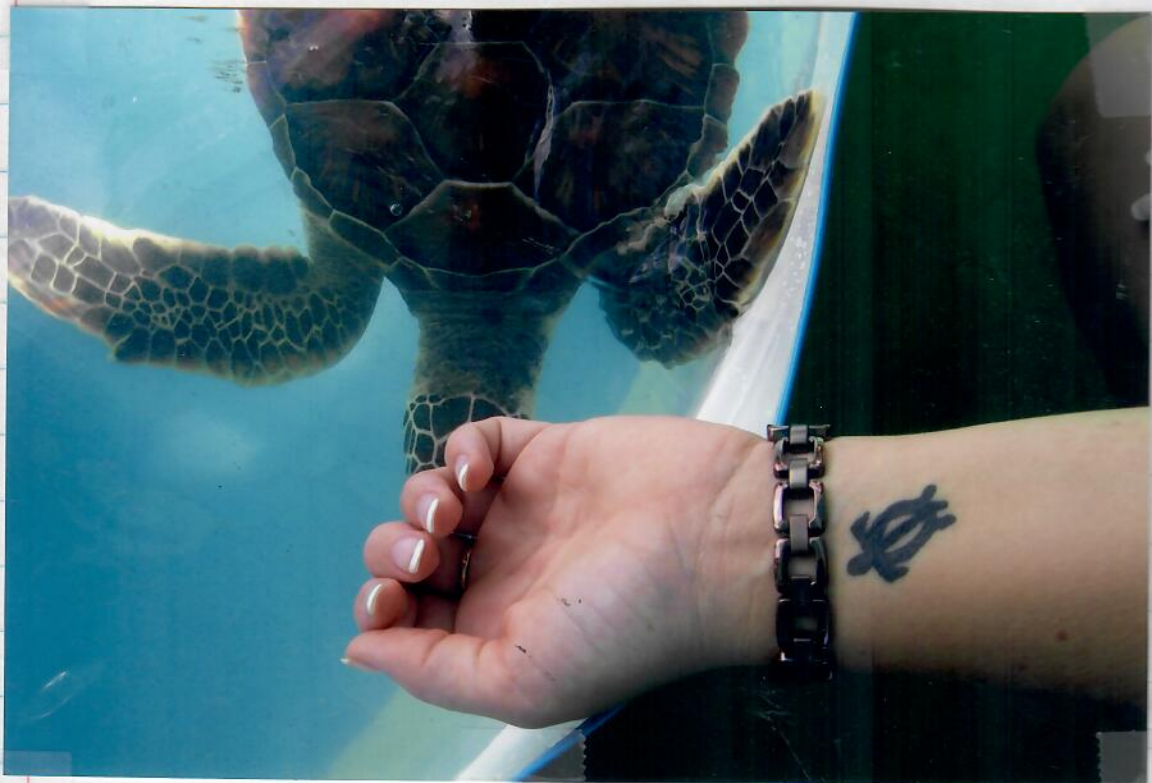
Keoki Balazs

10-29 TO 11-07

PAGE 172 Honu Scientist

Honu

"The Cost of Knowledge" MR



138

① Attach 11/21/07 Friday SPOT 5

Revised 01/17/03

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

KRF no. #55

KONA DECK 7

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 10.29.07 Monday

CAPTURE DATE, LOCATION AND METHOD:

KRF SLP captive-bred PROBABLE FEMALE
2007 hatch = VIA THANE Laproscopy

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

MT#

OLD TAGS:

LHF 47 ϕ A ϕ 66F 5D

RHF 46 7D ϕ B 1773

NEW TAGS: SIZE 1"

RHF

LHF

X 0 0 1 10/3/07
application

ARGOS 22208

WC # ϕ 7S ϕ 563

STRAIGHT CARAPACE - LENGTH:

28.8 cm

WIDTH: 23.5 cm

NOTCH LENGTH: cm

DB: L.O.

VB: L.O.

CURVED CARAPACE LENGTH: cm

WIDTH: cm

HEAD WIDTH: cm

AXIAL: cm

LATERAL: cm

PPS: YES OR NO OR NE

SEX: Male, Female or Undetermined

TAIL LENGTH: T cm

C cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH: cm

PLASTRON LENGTH: cm

WEIGHT:

4.0 Kg Administered

GLUCOSE:

GB MR

DESCRIPTIVE REMARKS:

OTC 0.5cc L&R
pectoral muscle
Liquinycin

Released 11/4/07 6pm @ F.W. KAWA
LAT 22° 16.7 N
LNG 159° 18.5 W

139

NO SAT TAG

KRF NO. #87

Revised 01/17/03

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 10/29/07 Monday

CAPTURE DATE, LOCATION AND METHOD:

KRF SLP captive Bred 2007 hatch MALE

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

LHF 46290C1335

RHF 4709765375

~~482~~

NEW TAGS: SIZE 1 =

RHF New 11/1/07

X005

MT#

STRAIGHT CARAPACE - LENGTH:

28.3 cm

WIDTH: 23.6 cm

NOTCH LENGTH: cm

DB: L.O.

VB: L.O.

CURVED CARAPACE LENGTH:

cm

WIDTH: cm

HEAD WIDTH: cm

AXIAL: cm

LATERAL: cm

PPS: YES OR NO OR NE

SEX: Male, Female or Undetermined

TAIL LENGTH: T cm

C cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH: cm

PLASTRON LENGTH: cm

WEIGHT: 3.8 KG

GLUCOSE: GB MR

DESCRIPTIVE REMARKS:

OTC 0.5 L&R pectoral CIQ

Released 11/4/07 6 PM OFF N. KAUAI

LAY-SAME LONG

11/1/07

Revised 01/17/03

START 10 AM

3

N=2

ATTACH 11/2/07

12 ON, 36 OFF

KRF NO. #90

KONA

Deck 7

SPOT 5

KONA

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT

10, 29, 07 Monday

Released 11/4/07
6 AM OFF
N. KAUPAI
LAT. LONG. SAM

CAPTURE DATE, LOCATION AND METHOD:

KRF SLP Captive Bred MALE
Summer 2007

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

LHF 470C690A6B

RHF 470A126361

NEW TAGS:

SIZE 1

RHF

LHF

New

11/1/07

X006

ARGOS 23538

STRAIGHT CARAPACE - LENGTH:

26.0 cm

WIDTH:

20.7 cm

NOTCH LENGTH:

cm

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

cm

WIDTH:

cm

HEAD WIDTH:

cm

AXIAL:

cm

LATERAL:

cm

PES: YES OR NO OR NE

SEX: Male, Female
or Undetermined

TAIL LENGTH: T

cm

C

cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

cm

PLASTRON LENGTH:

cm

WEIGHT:

2.08 Kg

GLUCOSE:
GB MR

DESCRIPTIVE REMARKS:

OTC 0.4 R & L FF pectoral / LIQ

Very VIGOROUS TURTLE

1045 am - Blue ink - Argos
1145 am - Finish
N=2

45 - Finished ELASTOMER MASKING + sand

11/3/07 10:50 AM ELASTOMER

141

(4) N=4

SPOTS Deck 7 NAWILIWILI

12/36 ON OFF

KRF NO. #93

Revised 01/17/03

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

Antenna angled posterior slightly - transmitter built that way

SEA TURTLE TAGGING FORM

ARGOS ID 50146
WC# 0750583

DATE FORM FILLED OUT 10/29/07 Monday

CAPTURE DATE, LOCATION AND METHOD:

KRF SLP captive bred MALE
Summer 2007

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT: YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

RHF 46283B5B6A
LOST LHF #
46283A7C70*

NEW TAGS: SIZE 1

RHF LH New
LHF 467C185E14



X 009 11/1/07

MT#

STRAIGHT CARAPACE - LENGTH:

24.0 cm

WIDTH: 20.1 cm

NOTCH LENGTH: cm

DB: L.O.

VB: L.O.

CURVED CARAPACE LENGTH:

cm

WIDTH: cm

HEAD WIDTH: cm

AXIAL: cm

LATERAL: cm

PPS: YES OR NO OR NE

SEX: Male, Female or Undetermined

TAIL LENGTH: T cm

C cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH: cm

PLASTRON LENGTH: cm

WEIGHT: 2.4 KG

GLUCOSE: GB MR

DESCRIPTIVE REMARKS: 0.4 OTC L SRFF pectoral LIQ

Released 11/4/07 6 PM off N. KAUAI LAT. SAME LONGER

5

NO SAT TAG

KRF #32

Revised 01/17/03

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

Released 11/4/07 OFF N. KAUAI
6 PM LAT LONG SAME

PLAMBAWA
BP 4-14-08
TO KRF
See p. 178

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 10/29/07 Monday

11/2/07 KONA IN POOL
not seen eating - slight buoyant

CAPTURE DATE, LOCATION AND METHOD:

KRF SLP captive bred
2007 Summer -

PERSON RECORDING DATA:

TUMOR SCORE

OLD TAGS:

RHF 4523527918

NEW TAGS: SIZE 1

RHF New 11/1/07

ORAL TMRS EXT:
YES OR NO

LAF 452660307C

X004

EMACIATION CODE

MT#

STRAIGHT CARAPACE - LENGTH:

cm

WIDTH: cm

NOTCH LENGTH: cm

DB: L.O.

VB: L.O.

CURVED CARAPACE LENGTH:

cm

WIDTH: cm

HEAD WIDTH: cm

AXIAL: cm

LATERAL: cm

PPS: YES OR NO OR NE

SEX: Male, Female or Undetermined

TAIL LENGTH: T cm

C cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH: cm

PLASTRON LENGTH: cm

WEIGHT: KG

GLUCOSE:
GB MR

DESCRIPTIVE REMARKS: 0.5cc OTC, L&RFF
pectoral L/O

143

SPOT 5 SAT. AM
KAWAII DECK 7
KRF #76

Revised 01/17/03

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

SEA TURTLE TAGGING FORM

ARGOS 50154
WC 0750592

DATE FORM FILLED OUT 10/29/07 Monday

CAPTURE DATE, LOCATION AND METHOD:

KRF SLP captive bird
2007 Summer

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

462847641D
4628707A4P
MT#

NEW TAGS: SIZE 1

RHE new = 11/1/07
X002

STRAIGHT CARAPACE - LENGTH:

28.0 cm

WIDTH:

23.3 cm

NOTCH LENGTH:

cm

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

cm

WIDTH:

cm

HEAD WIDTH:

cm

AXIAL:

cm

LATERAL:

cm

PPS: YES OR NO OR NE

SEX: Male, Female or Undetermined

TAIL LENGTH: T

cm

C

cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH:

cm

PLASTRON LENGTH:

cm

WEIGHT:

3.8 KG

GLUCOSE:

GB MR

DESCRIPTIVE REMARKS:

0.5cc OTC L&RFF
pedal CIQ

Released 11/4/07 off N. KAWAII
LAT 20° 55' N LONG 155° 07' W

Revised 01/17/03

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

KRF
#74

7 11/3/07 SATURDAY
DECK 7 NAWILIWILI KAWAI

SEA TURTLE TAGGING FORM

ARGOS 57150

WC 0750703

DATE FORM FILLED OUT 10/29/07

CAPTURE DATE, LOCATION AND METHOD:

KRF SLP capture bred
2007 hatch

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:

YES OR NO

—

EMACIATION CODE

0

MT#

OLD TAGS:

LHF 45264E131F

RHF 4529592946

NEW TAGS:

11/1/07

Size 1

New

X008

STRAIGHT CARAPACE - LENGTH:

27.9 cm

WIDTH: 22.1 cm

NOTCH LENGTH: cm

DB: L.O.

VB: L.O.

CURVED CARAPACE LENGTH:

cm

WIDTH: cm

HEAD WIDTH: cm

AXIAL: cm

LATERAL: cm

PPS: YES OR NO OR NE

SEX: Male, Female or Undetermined

TAIL LENGTH: T cm

C cm

SAMPLES COLLECTED:

RIGHT FRONT FLIPPER WIDTH: cm

PLASTRON LENGTH: cm

WEIGHT: 3.6 kg #

GLUCOSE: GB MR

DESCRIPTIVE REMARKS: OTC 0.5cc R SLP
ORAL CHECK: CLEAN.

off N. shore
Released 11/4/07
6 PM STAKE

27.9

pectoral LIQ

145

SPOTS

KRF #30

Revised 01/17/03

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

71919
ARGOS ID

8 M/3/07 deck 7
SAT
NAWILIWILI KAWAI

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 10/29/07

CAPTURE DATE, LOCATION AND METHOD:

KRF SLP Captive-Bred
2007 hatch
0750720

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

OLD TAGS:

LHF 47096C674E

RHF 470A070B29

NEW TAGS:

RHF 11/1/07

size I

X007

MT#

STRAIGHT CARAPACE - LENGTH:

28.4 cm

WIDTH:

23.4 cm

NOTCH LENGTH:

cm

DB:

L.O.

VB:

L.O.

CURVED CARAPACE LENGTH:

cm

WIDTH:

cm

HEAD WIDTH:

cm

AXIAL:

cm

LATERAL:

cm

PPS: YES OR NO OR NE

SEX: Male, Female
or Undetermined

TAIL LENGTH: T

cm

C

cm

RIGHT FRONT FLIPPER WIDTH:

cm

PLASTRON LENGTH:

cm

WEIGHT:

3.4 kg

GLUCOSE:

GB MR

DESCRIPTIVE REMARKS:

OTC 0.6cc L & RFF
postoral LIQ

STMT LAT LONG
11/4/07
F.N. Shore
Kawai
6 PM live based

146

NO SAT TAG

Revised 01/17/03

NMFS, HONOLULU LAB
Marine Turtle Research
2570 Dole Street
Honolulu, HI 96822-2396

9 of 11
NCL depart
10/29/07
Pott
#79
KRF

9

SEA TURTLE TAGGING FORM

DATE FORM FILLED OUT 10.29.07

CAPTURE DATE, LOCATION AND METHOD:

KRF SLP Captive Bred
2007 hatch

PERSON RECORDING DATA:

TUMOR SCORE

0

ORAL TMRS EXT:
YES OR NO

-

EMACIATION CODE

0

MT#

OLD TAGS:

LHF 470B257A1A
RHF 452B0B211D

NEW TAGS:

RHF New
LHF X003
11/1/07

off Ni Shore KAHAI
Released 11/4/07 6 PM
LAT 22.06515 N
LONG 159.20715 W

STRAIGHT CARAPACE - LENGTH:

29.6 cm

WIDTH: 24.5 cm

NOTCH LENGTH: cm

DB: L.O.

VB: L.O.

CURVED CARAPACE LENGTH:

cm

WIDTH: cm

HEAD WIDTH: cm

AXIAL: cm

LATERAL: cm

PPS: YES OR NO OR NE

SEX: Male, Female or Undetermined

TAIL LENGTH: T cm

C cm

RIGHT FRONT FLIPPER WIDTH: cm

SAMPLES COLLECTED:


PLASTRON LENGTH: cm

WEIGHT: 4.6 kg


GLUCOSE: GB MR

DESCRIPTIVE REMARKS: OTC. 0.5 L & RFF
Liq

22.06515 N
159.20715 W



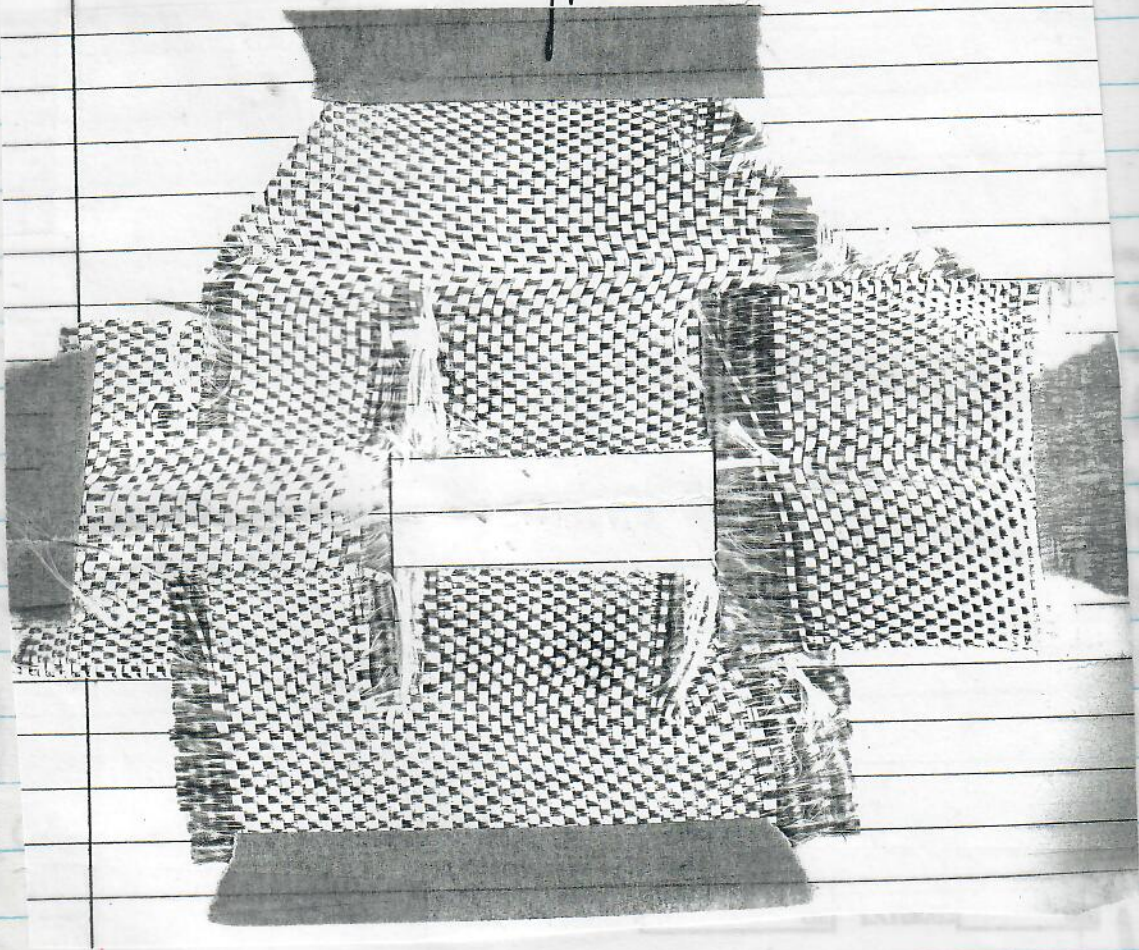
Lat $22^{\circ} 16.7' N$
 Long $159^{\circ} 48.7'$
 6000 ft water W
 11/4/07 Nine
 Released from
 Deck 7.
 600-630 pm


America
PRESTIGE CRUISING
 1.800.327.7030 ncl.com

←
 over plug
 and front
 (center)

NO SAT TAR

Head
↑



RIGHT FRONT HAT BAND

FLASH ON LEWITE

WIKI

4.613
Headband
LSC

or Undetermined

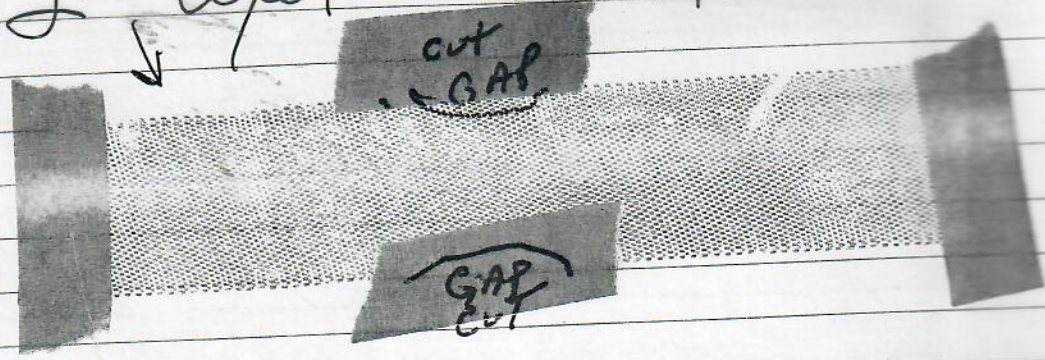
SANDUSKI COLLECTION

CLASSIC

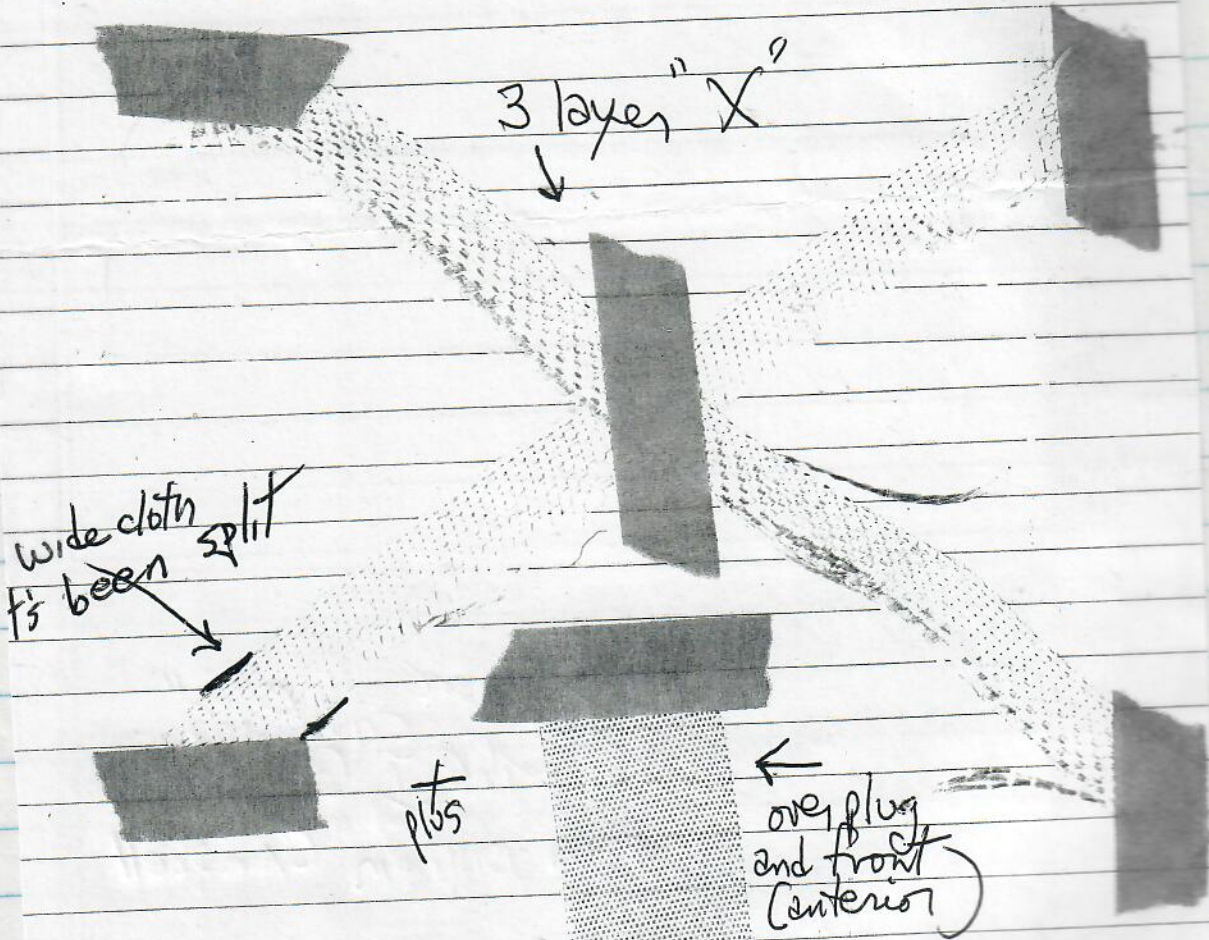
OR

EX

2nd Layer - CROSS piece



3 layer "X"



Leland Kim
Reporter

Phone 808.843.3628
Fax 808.847.FAX8
Cell 808.479.4868
Email lkim@khnl.com

www.khnl.com

KHNL-TV / KFVE-TV
315 Sand Island Access Rd.
Honolulu, Hawai'i 96819-2295

Raycom Media



Evans & Becky Hoyt



E-mail:
evans.hoyt@gmn-usa.com

411 Walnut St. #2996
Green Cove Springs, FL 32043
Tel: (01) 910-538-9608

Perfect cards @ Hotmail.com

Tremane
"The Squire
of Gothos"
Actor William Campbell

<http://www.dvdmag.com/startrek/toss1.shtml>

Notes:

008059

11/07/2007



154

TID 7/4/07

Chloe Aquino
Box 13138
Hilo 96720

Orange honu shirt

Ag

Sina Gago
General Delivery
Hawi, HI 96719

Samoan girl

Mail photo + English/Samoan coloring book

Karen Shau

64-1064 Kaulawaha Pl. #13
Kamuela, HI

96743

Our natural boy
photos together

Roseann Bounds
35 Bel Flora

Las Flores, CA 92688
949-858-8303

no teeth (front two)
Bisy high-fiving turtle
(no shirt)

Thank you!

Kelley Wiese
11 Brookside Dr.
Titusville, NJ
08560

Sienna Withans
Puumao St 64616
Kamuela HI 96743

4th July
Red-white-blue bathing suit

Same pic

TID 7/4/07

155

Mark Summerill

55551 Kamehameha Hwy

Laie, HI 96762

2 Pictures

#1 Little blonde boy in yellow swimsuit
w/ brown trim @ top (4 years old)

#2 Little blonde boy (4 yrs old), baby w/ Brown
hair & brown suit with orange flower print,
& dad (green suit with horizontal stripes).

No shirts

Annette Franzen

18030 FJORD DR. NE

POULSBORO, WA 98370 360-204-0202 (C)

2 PICTURES (LONG)

#1 BLONDE-HAIRED GIRL ~ 11 YRS OLD
BL. FLAG SHIRT W/ TAN "OCEAN SPORTS"
HAT.

#2 SAME GIRL WITH MOM (BR. HAIR)
BLACK & TAN HAWAIIAN SHIRT

Girl Blue visor w/ blonde hair - "Summer Days T"
Boy - ~~MARCA~~ w/ Taylor made white cap
Send to marc@madisonappraisal.com
mahalo!

(158)

Koiki TID 7/4/07

{ Jan Espere - yellow shirt - back
 photo w/ granddaughter - blonde hair
 Matea Young - yellow sundress holding honu
 P.O. Box 2247 Kamuela, Hi. 96743
 pls. send photo to - email is jespere@hawaii
 rr.com
 or P.O. Box - mahalo sooo much!

Heather Wiese
 11 Brookside Drive
 Titusville NJ, 08560
 PRPLBTTRFLY89@aol.com
 Mahalo!

Erin Summerill - long dark hair, blue one piece
 55-551 Kam Hwy. Swim suit, with little 5yr. old
 Laie, HI 96762 boy. Holding honu in blue
 Erinsummerill@hotmail.com towel.
 marksummerill@gmail.com
 Mahalo mui loa!

{ Melanie Das - 7 year old girl w/ white, blue,
 green Bikini
 594 Parkside Ct.
 Crystal Lake, IL 60012

(159)

TID 7/4/07

(159)

Target Schrimp - boy without shirt
blue eyes, dirty blonde hair

San Juan Capistrano, CA
28981 Via Hacienda

Phone (949) 240-2353
(2353)

160

7/4/07 TID

121

Jannah Trust &
Ivan Thompson

P.O. Box 437211

Kamuela, HI 96743

White flower dress, Aloha shirt

Two hats - sunglasses.

Mahalo - 885.0913

TID 7/4/07

(16)

Annmarie Rivera

87-1875 Holomalia St

Waianae HI 96792

Sunglass on Head

THANK YOU

AARON BARRETT

P.O. Box 385854 WAIKOLOA

HI. 96738 BLACK HAWAIIAN T SHIRT

Kelli Nishimura (Kanani hula studio
98-271 E Kaahumanu St. t-shirt)

Oahu HI 96701

PHILIPPE LOLAGNE

P.O. Box 384093 WAIKOLOA HI 96738

(FATHER) (SON) TOP
GREEN TSHIRT NO SHIRT
SHADES UN

(162) "SEND" LIST FOR PEOPLE WITHOUT CAMERAS
 7/4/07
 wednesday

NAME	Postal Address	EMAIL	Description of you - IN PHOTO
Jean Michelson	4735 SW 91 st Dr. Gainesville, FL 38062	jeanmichelson@usa.net	adult female white shirt sunglasses with hair in blue shirt • teen in blue shirt

SCOTT, ALVEENA, MAULANI ANTONIO	894 LEMI STREET WAHIAWA, HI 96786-2006		Guy w/ MACH (2) GIRLS w/ EARRINGS PUMPERNIER IN EAR
---------------------------------	---	--	--

Barb Medak	P.O. Box 343968 Waikoloa HI 96738		white hair young girl red shirt Mom white halter
------------	--------------------------------------	--	---

Kelli Fergusson	97089 15997 SE Whipperwill Ct 97089		white hair girl red shirt
-----------------	---	--	------------------------------

Kimo Skyles	2142E. Dennisport Ave. Gilbert AZ. 85297	kusmoove@cox.net	guy w/ orange shirt
-------------	---	------------------	---------------------

TID 18 7/4/07

(163)

(Girl w/ long blonde hair
in pink top)

Kristi Parker

75-6060 Kuakini Hwy #E-3

Kailua-Kona, HI 96740

John Willard (blonde hair & blue
eyes in white
68-1375 Pavo Rd. shirt w/ surf-
boards
Kamuela, HI E-3 (6 yrs old)
96743

Clyde & Velvet Tobias
14-5039 Hualala St
Kailua-Kona HI 96740

Blue Bathing suit Top
Grey hat w/ Switzerland

Mia Kaida .

email: gaylord and mia @ hotmail.
com

(2 little girls

w/ pink hats + mom w/ hat)

thanks!!

Baby turtles get a new home



Close encounter with a sea turtle

Upgrade to the Sea Turtle Encounter through Oct. 18 and go on a one-hour behind-the-scenes guided tour with a naturalist at Maui Ocean Center.

This informative tour covers turtle biology, how to protect them and how they are cared for at the center. This tour also offers guests the hands-on opportunity to prepare a meal for the turtles, as well as participate in a supervised turtle feeding.

The honu are not the only ones who get fed; guests will be able to enjoy their own complimentary lunch in the Reef Cafe.

The tours run at 11:30 a.m. and 1:30 p.m. The cost is \$15 for adults and children; park admission is not included. A one-day pass is \$24 for adults, \$21 for 65 and older, and \$17 for ages 3 to 12. Reserve at (808) 270-7089 up to 24 hours in advance.

The center is at 192 Ma'alaea Road.

Star-Bulletin staff

A green sea turtle about 2 months old flaps its flippers while being transferred to its new tank at the Maui Ocean Center's Turtle Lagoon on Tuesday morning. At least five baby turtles were provided to the Maalaea aquarium by the captive breeding program at Oahu's Sea Life Park. They will spend about three years growing at Maui Ocean Center before being released into the wild. In the wild, this period of life is called the "lost years" for green sea turtles. They roam the sea far and wide, and do not haul out to lounge onshore as older turtles do. The addition of the new babies is part of the center's turtle program. Holding the turtle is the center's curator, John Gorman. Donya Jadvar (right), 5, of Pasadena, Calif., laughs after being startled by a baby green sea turtle Tuesday. As she was touching its shell, the turtle hit her hand by flapping its flippers.



The Maui News / MATTHEW THAYER photos

Maui News - 8-27-08

A6 HAWAII

Sea Life Park

A loss of 44 workers is the latest in a string of isle employment cuts

By Nina Wu

nwu@starbulletin.com



Sea Life Park is the latest company to announce layoffs resulting from Hawaii's economic downturn.

The aquatic amusement park is trimming 44 full- and part-time employees — or about 20 percent of its staff — starting this week due to a decline in attendance.

Jesus Bravo, general manager,

said temporary hires for peak summer months that normally would have been kept until the end of August were among the laid-off employees, but did not specify how many.

Sea Life Park also declined to say in which departments the layoffs were occurring, only that it was across several areas.

"We are saddened to have to take this step," Bravo said in a written statement. "These are all good employees, but unfortunately, given the loss in revenues, we have no option but to cut back on operating costs."

This round of layoffs is on top of another one in fall 2007, when Sea Life Park cut 49 employees for a "seasonal adjustment."

Prior to that round, the park had 270 workers, which it says

was its highest employment level. Staff were supposed to be rehired during the Christmas season when business picked up, but that was never confirmed.

In late April, Parques Reunidos Group of Madrid acquired the 22-acre park from Mexico-based Dolphin Discovery, owner since January 2005.

Parques Reunidos said its goal was to make Sea Life Park a world-class attraction, but said at the time no personnel changes would result from the sale.

At the time, the park said it had about 200 employees. Bravo was retained as the park's manager.

Sea Life Park is only the latest in a string of companies to announce layoffs resulting from the economic downturn.

Earlier this week, 34 workers

joins layoff dirge

from the North Beach Grill at Kaanapali Beach Club were notified of their termination amid contract talks with the hotel workers union Unite Here! Local 5.

The Honolulu Advertiser, Hawaii's largest daily newspaper, announced last month it was trimming 54 workers from its staff, amid contract talks with the Hawaii Newspaper and Printing Trades Council.

Hospitals and nonprofit groups also have taken a hit, with the North Hawaii Community Hospital and Bishop Museum announcing staff cuts as well. The Big Island hospital laid off 54, and Bishop Museum 14, citing financial difficulties.

Employers said the slump in visitor numbers, which plum-

meted in June by 14.2 percent, its worst level since June 2003, has taken its toll on business, in addition to the credit crunch and waning real estate market.

Maui Land & Pineapple Co. last month cut staff 26 percent in an effort to stem losses from rising energy and operating costs while shifting away from its focus on pineapple farming.

In June, Hawaii's seasonally adjusted unemployment rate rose to 3.8 percent, up from 3.5 percent in May.

Bank of Hawaii forecasts the state's unemployment rate will exceed 4 percent this year, and hit 5 percent next year, according to chief economist Paul Brewbaker.

"It's been anticipated," said Brewbaker of recent job cuts.

"It's actually already in our forecast."

On the other hand, companies are also hiring, he noted.

"Layoffs are a last resort, not a first resort," he said. "Hiring is also not the first thing companies do. In either case, employment decisions tend to follow, not lead. In this particular environment, what we're seeing is a reflection of what's been going on in the economy for some time."

Gov. Linda Lingle authorized the extension of 13 additional weeks of federally funded unemployment benefits for Hawaii, which went into effect on July 6 and will last until March 31.

Without the extension, unemployment insurance benefits last 26 weeks.

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NCL ponders leaving Hawai'i

8-18-07 THA

Largest ship heads to Europe as interisland operation loses money

BY GREG WILES
Advertiser Staff Writer

NCL Corp.'s money-losing Hawai'i interisland cruises will come up for a review next year, when the company will decide whether to continue them.

"The options are two," NCL president Colin Veitch said in an interview. "One is continue the (Hawai'i) business and the other is not to continue the business."

The company says it will decide on its NCL America subsidiary, which operates three interisland ships, by the end of 2008.

NCL has struggled with its Hawai'i interisland operation, losing money the past two years. NCL doesn't break out results for its divisions, but last year the company lost \$130.9 million. While its international cruises were profitable, the Hawai'i operations nullified the gains. The

SEE NCL, A9

Hawai'i fleet by one ship, the company hopes to save money with the help of a change in labor rules. Last year a federal law was changed that allows up to 25 percent of staff to be green-card holders or other visa holders.

Veitch said that change will help the company deal with turnover by bringing in veteran foreign crews. He said last year the company spent \$30 million on recruiting, training, documenting and transporting workers. He said the company is starting to see some relief and that cruise prices that had been depressed by too much capacity, looked to be increasing after February.

"We're already seeing in the forward bookings, those beyond February, a much more encouraging revenue picture than we've seen in the last year and a half."

The agreement announced yesterday between NCL owner Star Cruises and Apollo will keep

NCL

CONTINUED FROM A1

company has been reworking its Hawai'i strategy after aggressively adding capacity here.

The company has announced plans to relocate the largest of its three local ships, the 2,466-passenger Pride of Hawai'i, to Europe in February.

The company yesterday disclosed the review of its Hawai'i operations as it announced a pending \$1 billion cash infusion from one of the nation's largest private equity companies, Apollo Management LP. New York-based Apollo will become a 50 percent owner of NCL, which will use the money to pay down debt and help expand its operations.

As part of the deal, NCL's owner agreed to review the Hawai'i

MORE ON THE NCL-APOLLO AGREEMENT

NCL America is a subsidiary of Miami-based NCL Corp., which yesterday announced it's agreed to a \$1 billion investment that will make Apollo Management LP a half owner. The company operates U.S.-flagged vessels in Hawai'i, making it the only major cruise line that can offer interisland cruises of the state. NCL has 14 ships either in service or under construction, operating under the Norwegian Cruise Line, NCL America and Orient Lines names.

The Hawai'i ships are capable of carrying 6,600 passengers around the state every week. They are:

Name	Passenger capacity	Restaurants	Year placed in service here
Pride of Aloha	2,000	6	2004
Pride of America	2,140	11	2005
Pride of Hawai'i	2,466	12	2006

business and to fund the local operation's losses.

Veitch said he is optimistic the Hawai'i operations will be able to continue.

"Shareholders are very optimistic and enthusiastic about the

(Hawai'i) business," Veitch said in a telephone interview from his Miami office. "If that were not the case, it (closing the Hawai'i operation down) would have been dealt with now." In addition to reducing its

the Hawai'i operations under the NCL brand while Star funds losses.

Veitch said an agreement was needed to cover the Hawai'i operations because it was difficult to value a money-losing operation and because NCL needed time to see if its new local strategy was producing expected

gains.

"We believe an unlikely alternative is that the business closes down," Veitch said. A two-ship Hawai'i operation "is going to be a good business."

NEWS SPLASH!

STUDENTS TAKE PART IN "SCIENCE DAY AT SEA"

Students from Maui, Kaua'i, Kona and Hilo were provided with a unique education opportunity on-board a Norwegian Cruise Line (NCL) America cruise ship, the Pride of America in a week-long program that took place at each port of call during a seven day cruise in October. At each port, approximately 75 students boarded the Pride of America to participate in Science Day at Sea. The program was a partnership with NCL America, National Oceanic Atmospheric Administration (NOAA) Pacific Islands Fisheries Science Center (PIFSC) and NOAA Hawaiian Islands Humpback Whale National Marine Sanctuary, Sea Life Park, Hawai'i Preparatory Academy, and Maui Ocean Center.

The Pride of America cruise ship, serving as a floating classroom, allowed the students to see first hand how a "city at sea" operates. The inaugural Science Day at Sea program also offered lessons on humpback whales, plankton and green sea turtles, which included an up-close encounter with a group of young green sea turtles. Six turtles were onboard as part of a research effort led by NOAA



PIFSC and Sea Life Park. Since 2006, NOAA PIFSC and Sea Life Park have released more than 61 turtles from NCL America cruise ships to learn more about the life and travel patterns of young turtles in the open ocean. The turtles are outfitted with satellite transmitters that allow researchers to receive information about their movements and behavioral patterns in their oceanic habitat.

KOHOLĀ CO

THE VOICE OF THE HAWAIIAN ISLANDS HUMPBACK

CONNECTION

HUMPBACK WHALE NATIONAL MARINE SANCTUARY

WINTER 2008

Turtles call a resort home until they're ready to travel



NATURE CALLS

Shriley Gerum

INDEPENDENCE Day means flags waving in the breeze, hot dogs, and wriggling young Hawaiian marine turtles, gleefully paddling out to sea in the blue-green ocean ...

Turtles? In Hawaii, those who have been working to save the native marine turtles (honu in Hawaiian) look forward to sending another graduating class of juveniles to sea on July 4 at the Mauna Lani Bay Hotel & Bungalows on the Big Island.

The young honu are from brood stock hatched at Sea Life Park. Anywhere from a few dozen to a few hundred hatch each year at the park, and while most are tagged by the NOAA National Marine Fisheries Service and released into the

ocean within 24 hours, some are sent to qualified facilities on educational loans.

The Mauna Lani Bay Hotel & Bungalows has been receiving juvenile honu since 1989, caring for them in the saltwater ponds of the bay until they reach a

size and weight suitable for release. In the meantime, the honu become part of a Turtle Ambassador Program, pioneered at Sea Life Park on Oahu more than 18 years ago.

The public can visit ambassador turtles at certified sites, which also include the Kahala Hotel and Resort on Oahu and the Maui Ocean Center in Maalaea. The sites educate visitors from around the world about the long road to recovery for these marine animals.

THE ANNUAL Turtle Independence Day Celebration at Mauna Lani is held at the ocean's edge, with hundreds of flag-waving well-wishers bidding the young honu aloha. It's a carnival atmosphere that includes live entertainment, educational displays, games, face-painting, picnic fare and canoe rides for the keiki.

At 9:30 a.m., the turtles will be gathered and escorted to the ocean, where a Hawaiian chant and honu hula will take place prior to the release.

Honu chosen for release undergo a thorough veterinary check. Those not yet fit or mature enough might still be the stars of next year's release.

Programs such as this one increase awareness of the need to preserve and learn from these turtles. Those that sleep on our beaches and feed in the shallow waters of Oahu have made a 1,000-mile round trip to mate, nest and return home.

It has only been in recent years that scientists have been



COURTESY MAUNA LANI RESORT

Turtle Independence Day festivities will take place this year from 8:30 to 11:30 a.m. on July 4 at the Mauna Lani Bay Hotel & Bungalows on the Big Island. Call (808) 885-6622.

able to track these ancient mariners — thanks to modern electronics.

If you should come upon a turtle on the beach and it seems to be sporting Cold War-era electronic spyware, please don't try to remove the equipment. The ID tags and transponder equipment help researchers such as Dr. George Balazs, director of the NOAA Marine Turtle Research Program in Honolulu, track released turtles on their travels. Turtle locations are transmitted over the Internet (www.turtles.org), so you, too, can track them.

YOU MAY have lived in Hawaii long enough to remember when turtle steaks were on the menu in island restaurants. Thankfully, turtle meat has been banned in the United States since turtles were de-

clared threatened in 1978. But turtle meat and turtle-shell jewelry are still sold in other parts of the world. Perhaps looking into the eyes of these ambassador turtles and learning more about them may make folks think twice about purchasing turtle-shell ornaments.

The good news is that honu populations have recovered to the point where they frequently can be seen getting some well-deserved rest on island beaches — such as at Oahu's Laniakea Beach.

Those snoozing turtles have migrated 500 miles from the French Frigate Shoals, where they've mated and laid eggs. They probably want what every beachgoing family wants: a little well-deserved rest and the assurance that their young will be safe.

For this reason, the NOAA

National Marine Fisheries Service Marine Turtle Research Program has posted "Show Turtles Aloha" fliers at popular resting sites. The fliers remind visitors not to feed the turtles — hand-feeding of seaweed makes the turtles aggressive toward people. In giant letters, the fliers remind readers that "SWIMMERS — INCLUDING CHILDREN — GET BITTEN," for those who need it spelled out. If you see turtles in trouble — tangled in fishing lines, stranded ashore, sick or injured — call the NOAA National Marine Fisheries Service, 983-5730.

Shirley Gerum teaches botany, ethnobotany and environmental science at Chaminade University. Her column runs on the last Monday of the month. E-mail her at features@starbulletin.com

>From the Associated Press

July 5, 2007

KOHALA COAST, HAWAII - Seven young green sea turtles got their first taste of freedom Wednesday.

The turtles, which are protected under the Endangered Species Act and are considered threatened, were launched into the ocean at Mauna Lani Resort along the Kohala Coast.

Hundreds of resort guests and community residents packed the shoreline to watch as the turtles, or honu in Hawaiian, flipped their way into the waters to begin new lives of freedom.

The 2-year-old turtles - named Kulewa, Meheu, Muolani, Naauao, Palaole, Pookela and Pokii - were carried in slings by young volunteers down to the water's edge where guests scooped them up and released them into the shallows.

The babies were born at Sea Life Park on Oahu and raised at the Mauna Lani Resort's saltwater ponds. They were set free after a final checkup and an identification microchip was implanted in each.

Since 1989, the Turtle Independence Day program, a partnership between the resort and the park, has released more than 100 juveniles into the wild.

Green sea turtles, once hunted for sport and for food, were added to the federal endangered species list in 1978.

"In the last 25 years the numbers have rebounded," said George H. Balazs, a marine turtle researcher with the Pacific Islands Fisheries Science Center of the National Marine Fisheries Service.

"This a great example of the Endangered Species Act really working," Balazs said after helping launch one of the turtles.

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TID 18 2007
NAMES OF 7
released

Shawn's research
~~Shawn's research~~
~~Shawn's research~~

Historical Information for Turtle Tag 11028
 George H. Balazs
 Marine Turtle Research Program
 NOAA Pacific Islands Fisheries Science Center
 2570 Dole Street
 Honolulu, Hawaii 96822-2396
 gbalazs@honiab.nmfs.hawaii.edu

Tag Information:

Tag Number	Date	Tag Type	Tag Position
11028	11/13/1991	1681	RFL
11470	11/13/1991	1681	LFL

Date	Type of Encounter	Location	Tumor/Rank	Nesting Act.	Straight Carapace	Since Last Encounter			Overall			
						Interval	Year	Growth-Rates cm/mo	Interval	Year	Growth-Rates cm/mo	
11/13/1991	Near Shore	Hawaii, Mauna Lani, Captive	0	-	-	-	-	-	-	-	-	-
7/4/1992	Near Shore	Hawaii, Mauna Lani	0	-	40.3	7.0	0.6	-	7.0	0.6	-	-

Claudia Hapeman; requesting info on turtle #11470 to superstrides@juno.com
 I found snorkeling in front of hotel on 7/3/05
 I have photos of him/her below water + above water if you need any for your records. I believe he/she stays in the area.

RESORT ASSOCIATION PARTNERS, LLC

68-150 HO'OHANA STREET
KOHALA COAST, HAWAII 96743

TEL: 808.885.923
FAX: 808.885.175

August 26, 2005

Dear George,

Please accept my most heartfelt apologies for having taken so long to send you this long overdue "Mahalo". Though it is shamefully late in arriving...I hope that you will accept my humble gift of thanks as a small token of my deep appreciation, respect and admiration for you and all that you have done—not just for our honu friends and Mauna Lani...but for me personally. I simply cannot thank you enough for the kindness and support that you provided all throughout my involvement with Mauna Lani's wonderful honu program. It was truly one of the most memorable and enjoyable aspects of my long tenure as part of the resort's senior management team (one the very few FUN things that I was allowed to do!) In addition to your valued friendship, you were a wonderful teacher and I truly learned a lot just from being around you. Though my message of thanks is late, please know that it comes, sincerely, from the bottom of my heart.

For a very long time I pondered how to best say "thank you" to someone like you--aside from getting a honu tattoo, which, for the time being is not something that I'm inclined to do (smile). The enclosed Brent Berger honu art is one of my favorites (I am told that no 2 are exactly alike). I have a framed one in my office that I received as a gift...but I was unable to find anyone who had another available—until just last week. My first thought was that, at this late date, I should really be delivering it to you in person...but I also know that if I choose that path, you might very well be receiving this as a Christmas present. Time just flies by too quickly.

[CORRECTIONS]

The Honolulu Star-Bulletin strives to make its news report fair and accurate. If you have a question or comment about news coverage, call Editor Frank Bridgewater at 529-4791.

HONOLULU STAR-BULLETIN / THURSDAY, JULY 7, 2005

>> National Marine Fisheries Service researcher George Balazs is the science adviser to the Mauna Lani Resort's program of raising captive-bred turtles for release each July 4. A Tuesday article incorrectly said he supervised the program.

>> Claudia Suh Bown is the sister of Petty Officer 2nd Class James Suh, 28, of Deerfield Beach, Fla., a Pearl Harbor Navy SEAL who was killed in Afghanistan on June 28. A Page A1 article Tuesday incorrectly listed her last name as Brown.

>> "Kaimana Hilā" is a song used by U.S. Sen. Daniel Inouye's political campaign. An article on Page A13 Sunday about a University of Hawaii endowment honoring Inouye incorrectly said it was the unofficial song of the 442nd Regimental Combat Team.

HONOLULU STAR-BULLETIN / TUESDAY, JULY 5, 2005 ●



KIRK AIDER / MAUNA LANI RESORT

Big Island residents and visitors helped give eight green sea turtles a send-off yesterday at Mauna Lani Resort on the Big Island's Kohala Coast. The captive-bred turtles lived for two years in saltwater ponds at the resort.

HAWAII A5

Sea turtles' release thrills Big Isle crowd

By Diana Leone

dleone@starbulletin.com

Eight green sea turtles raised in captivity were released into the wild yesterday off the Big Island's Kohala Coast as part of "Turtle Independence Day."

The 20- to 25-pound animals were bred and hatched at Oahu's Sea Life Park and raised for the past two years in saltwater ponds at Mauna Lani Resort, said George Balazs, the National Marine Fisheries Service turtle researcher who supervises the program.

The turtles were collected yesterday from the pools where they lived at the resort, checked for healthiness, then honored with speeches by dignitaries including U.S. Sen. Daniel Akaka and by hula dancers, Balazs said.

The animals were taken by decorated golf cart to the water's edge and released to cheers of an estimated 1,500 onlookers, Balazs said.

"We're having a wonderful turtle day," Balazs said. "Dozens of

children have seen the turtles."

Balazs knows that at least some of the turtles released in prior years are doing well, because they are still transmitting signals via satellite tracking tags. This year's group of turtles did not have satellite tracking devices, but they do have tags that will identify them if they are caught by researchers in the future, he said.

Balazs, recognized worldwide as an expert in green sea turtles, has a soft spot in his heart for the creatures.

"Last night, my wife and I were walking on the beach, and this young couple was getting married," Balazs said yesterday from the Big Island. "A wild turtle was sleeping on the beach, not too far from where they were getting married. I said, 'This is the way it's supposed to be — turtles and people living together.'"

Since the Mauna Lani started its turtle program, it has nurtured more than 100 juvenile honu in its ponds before releasing them into the ocean.

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OCEAN WATCH

Susan Scott

12-23-05 HSB
Bristleworms,
aquariums ^{Red}
don't mix well

A READER sent me an e-mail titled "Thing we found in our tank" and described a "pink worm-like creature with fuzzy hairs." The writer had just added some crabs to the aquarium, along with some new live rocks.

The animal, I wrote back, is likely a free-swimming bristleworm. These marine worms commonly hide inside the cracks and holes of rocks. And introducing a bristleworm to an aquarium is usually introducing trouble.

Some bristleworms, such as the graceful feather dusters, build tube-homes and stay in one place, sifting the water for passing plankton. The bristles on these worms' feet hold them securely inside their tubes.

Others, like my reader's worm, are mobile, and many of those carry poison in their foot bristles. These walkers are called fireworms.

Handling a fireworm is a memorable experience. The bristles break off in human skin, ooze their toxin and cause a nasty rash. There's no effective treatment for these stings, but they aren't medically dangerous and eventually go away on their own.

Carrying poison in their feet is a successful defense for fireworms. Fish don't eat these soft-bodied worms, and humans drop them in a hurry.

Hawaii's fireworms are orange, red, pink, green and often iridescent. But even though fireworms can be handsome, you don't want to expose your invertebrate pets to these creatures. Fireworms are carnivores that eat corals, snails, crabs, starfish or other worms, some of which are benign and quite beautiful.

"How do I get rid of it?" the reader wrote back of

her stowaway.

People have designed traps that effectively catch fireworms in aquariums.

And fireworms have built-in traps that effectively catch prey wherever they find it. The front end of the worm looks rounded and harmless, like an earthworm. But when a fireworm sees something to eat, it rapidly everts its throat, which bears two sharp jaws inside. These jaws seize the prey, and then the worm retracts its throat, pulling the food inside.

In Australia, fireworms eat crown-of-thorns starfish; entering through wounds made by harlequin shrimp. It takes about a week for fireworms to kill a starfish.

Such a slow death is awful to imagine, but this is simply the fastest the worms can eat.

Such starfish eating is a good example of the marine food chain in action: Crown-of-thorns starfish eat coral, and harlequin shrimp eat starfish. Sometimes, however, a starfish escapes the shrimp. But if fireworms find shrimp wounds on a starfish, then they eat the starfish. The shrimp and worms, therefore, help keep the starfish population in check, which keeps the coral reefs thriving.

Of her fireworm, my reader wrote, "I don't want anything in my tank that is violent." One animal eating another, however, is not violence. It's the basis of all life on this planet.

Fireworms play an important role in reef ecology, but that doesn't mean you want them performing their act in your aquarium. If you get one, buy the trap.

Susan Scott can be reached at www.susanscott.net

SUPERFERRY

Some information on whale collisions

Due to the Superferry fiasco, I would like to report on whale collisions with large ships worldwide.

The following data is from a National Fisheries Service report titled "Large Whale Ship Strikes":

From 1975 through 2002 there were 292 reports of whale collisions worldwide. This is an average of approximately 11 collisions per year.

Of the 292 cases, 20 occurred in Hawaiian or Alaskan waters, or an average of less than one collision per year.

Of the known vessel types in collisions (134), the collisions were with the Navy (23), whale-watching boats (19), cruise liners (17) and ferries (16). All other collisions were by other types of ships.

There are an estimated 30,000 humpback whales in the ocean, and the population is growing at the rate of 7 percent per year. That means there will be 2,100 more humpback whales next year. This is an endangered species; however, it's not endangered because of collisions with ships.

You can draw your own conclusions as to how important it is to protect the humpback whales in Hawaiian waters from ship collisions.

DON MOODY | Kailua

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TURTLE EXAMS MAUNA LANI 6-22-05

2005

Physical exams were conducted on all turtles prior to the July 4th release. Four turtles remain in the atrium, eight in the honu pond and seven in the quarantine area. A decision on the number to be released on the 4th is still pending. Blood was taken for CBC and chemistries from 4 turtles (# 24, 25, 30, 36).

Continued monitoring for bristle worms is ongoing.

TURTLE EXAMS- SUMMARY

All turtles appeared in good body condition and health. Some minor abrasions were noted on 2 turtles. No mouth lesions were noted. The straight carapace lengths ranged from 36.8 cm to 42.5 cm with a mean of 39.7 cm. The weights ranged from 18.5 lbs. to 26.5 lbs with a median of 21.1 lbs. The mean growth increase since 5-25 was .9 cm and the mean weight gain was .9 lb. The switch to an all pellet diet probably reflects the decreased weight gain and growth when compared to previous months. The blood chemistries and blood counts were normal. All 2-year-old turtles are eligible for release.

Robert A. Morris MS, DVM

TURTLE EXAMS MAUNA LANI 10-26-05

Physical exams were conducted on all turtles at the Maunā Lani.

Four of the 1+ year old turtles are being housed in the atrium. The remaining seven turtles are housed in the outside Honu pond. Three of these are the 1+ year old turtles and four are the 2+ year old turtles. It was decided to release one of the 2+ year old turtles because of a shell deformity (#30). This turtle has been in good health, eating well and exhibiting a normal growth rate. A normal blood workup was done on June 22 of this year. The decision was based on aesthetics. The turtle was given a physical examination and the weight and measurement was recorded. A pit tag was applied in the right rear flipper (the left had a tag). The turtle was then released at the Mauna Lani 10-26-05.

TURTLE EXAM SUMMARY

All turtles appeared in good health. No health problems were detected. All were eating the pellet diet and growing. No "fin nipping" was detected.

The lengths (SCL) and weight (lbs) range of the four one year + turtles in the atrium was 25.2 cm-29.6 cm and 5.0 lbs-8.1 lbs. Their average gain (from 9-21) in length was .9 cm and weight gain average of 1.5 lbs.

The three outside Honu pond 1+ year olds ranged from 29.4 cm-32.9 cm and weights from 7.2 lbs-11.0 lbs. The average gain in length was 1.2 cm and weight gain 1.5 lbs. This represents only a slight increase in the average gain (.3 cm) in length in the one + year old outside turtles when compared with the inside turtles.

The four two + year old Honu pond turtles ranged from 40.0 cm-42.2 cm and 20.4 lbs-28.0 lbs. The average gain in length was .6 cm and weight gain 1.5 lbs.

The next scheduled exam is January 06.

Robert A. Morris MS, DVM

(177)

KRF yeasting
9 Turtles boarded ~ 1pm
LIN GB board 530pm Room 4504

Monday
October 29, 2007 - Depart Pott changed TO 8520

DINNER AT CAGNEYS 8pm
10/29 DINNER (Matthew McKeon Chief Eng)
(Delinda DONTJE)
Group Services Coord.

(RYAN Hopkins Chief officer
1st officer NAVIGATION)

Chinese & Argentine
Hawaiian Cultural person
KEVANS Hoyt Capt.
JON TOMPSON

10/29 6pm → cleaned fecal from turtles
10/29 8pm → 730am HILO
STEVEN TEPPER - STAFF CAPTAIN
MATTHEW JONES Hotel DIRECTOR

11AM cleaned fecal from turtles
CHIEF officer RYAN x 9802
Hopkins

10/30 HILO 8AM - overcast some rain -
cleaned up messy turtles again.
Set up swimming pool Deck 12.
130 pm brought out 2 turtles
mellow in pool - later brought
all 9. Fm water in pool w/ passenger
crew until ~ 530pm.

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DATA ON TURTLES

Date: 10/26/05

Technicians: Kendall, Pi'I, Dr. Morris

SHELL #	new location	Flipper Tag L Front/ R Front	Pit Tag L Hind	Weight (lbs)	SLC (cm)	observations
1	Honu Pond	YP 01*/ YR 01	4707085372	10.2	31.3	see veterinarian report
2	Atrium	YP 02/ YR 02	470D134339	5.0	25.2	see veterinarian report
3	Atrium	YP 03/ YR 03	470A154624	7.2	28.3	see veterinarian report
4	Atrium	YP 04*/ YR 04*	470B2D232F	8.1	29.6	see veterinarian report
5	Atrium	YP 05/ YR 05	470A10290D	5.7	26.3	see veterinarian report
6	Honu Pond	YP 06/ YR 06	470B595109	11.0	32.9	see veterinarian report
7	Honu Pond	YP 07/ YR 07	470A320E73	7.2	29.4	see veterinarian report

* = missing tag

SHELL #	new location	Flipper Tag L Front	Pit Tag L Hind	Weight (lbs)	SLC (cm)	observations
23	Honu Pond	WI 36	442F410A22	20.4	40.0	~ see veterinarian report RH - 44132F3901
* 30	Honu Pond	WI 51	4524161C79	24.7	40.0	~see veterinarian report RH - 44145D2B79
38	Honu Pond	WI 93	452304285A	22.6	40.6	~see veterinarian report RH - 4414683738
39	Honu Pond	WI 94	44144E7204	28.0	42.2	~see veterinarian report RH - 4413225B00

* = missing tag

* Released 2:00 PM - 10/26/05

DATA ON TURTLES

ML Book

Date: 2/22/06

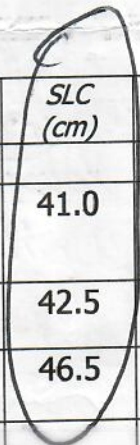
Technicians: Kendall, Pi'i, Dr. Morris (vet.)
Cameron (student)

SHELL #	location	Flipper Tag L Front/ R Front	Pit Tag L Hind	Weight (lbs)	SLC (cm)	observations
						No exams
1	Honu Pond	YP 01*/ YR 01	4707085372			"
2	Honu Pond	YP 02/ YR 02	470D134339			"
3	Honu Pond	YP 03/ YR 03	470A154624			"
4	Honu Pond	YP 04*/ YR 04*	470B2D232F			"
5	Honu Pond	YP 05/ YR 05	470A10290D			"
6	Honu Pond	YP 06/ YR 06	470B595109			"
7	Honu Pond	YP 07/ YR 07	470A320E73			"

* = missing tag

SHELL #	location	Pit Tag L Hind	Pit Tag R Hind	Weight (lbs)	SLC (cm)	observations
23	Honu Pond	442F410A22	44132F3901	21.7	41.0	Mouth & throat clean Left front beak abrasion below nostril (smashed into rock?)
38	Honu Pond	452304285A	4414683738	25.7	42.5	Clean
39	Honu Pond	44144E7204	4413225B00	38.1	46.5	1 plaque spot on mid tongue

* = missing tag



Faint handwritten notes at the bottom of the page, including "select 2 of up for pit tags" and "to utilize at a..."

(176) Group 173 MAUI

11/1/07 ^{Then} Thursday Drove to Hanalei Church & Heia restoration IAO patch of Waiehu Beach Road to the right of Golf Course - walked trail and rich pebble beach, ⁴ beach houses, from concrete ^{washed} waste, bushes, ^{then} beach area Naupaka and Han - lots of wood debris - erosion evident. Walked to IAO stream day - nesting of 2007 summer - 4 clutch areas in this areas. No signs evident. Glynnis said 4th nest (only one she helped excavate) closer to kahului side direction fallen tree perpendicular on beach. Pictures. Walked back to same way. Then drove Waiehu Beach Road toward kahului turned left as Kihona Street goes to Whitto Park - 2 hours. Would have been better to walk in from this direction.

Drove to Costco for rubber gloves. Then returned rental car and to van to ship. Set up pool for 9 turtles at ~ 130pm to departure at ~ 6pm. Dinner at 7pm at ASMIWE. Departed KAHULUI for Kona via PAILOLOCHAMA.

11/2/07 Up ~ 7:15 a.m. off KONA - tender BOATS
 FRIDAY deployed to ferry people to shore.
 Breakfast at Pacific Grand @ 15 AM,
 Turtles set up about 12 noon
 after attaching 2 SPOT 5's on deck 7.
 Lin & I went ashore walked around
 Kaihua waterfront, Hamburgers at
 "Uncle Bigly" Spicini Waterfront,
 Return to ship ~ 3:45 pm, Tended
 pool w/ turtles, Ship departed
 KONA ~ 6:30 pm for Kauai.

11/3/07 Arrive Kauai dockside ~ 7 AM.
 SATURDAY Breakfast Pacific Grand

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Summer
2008

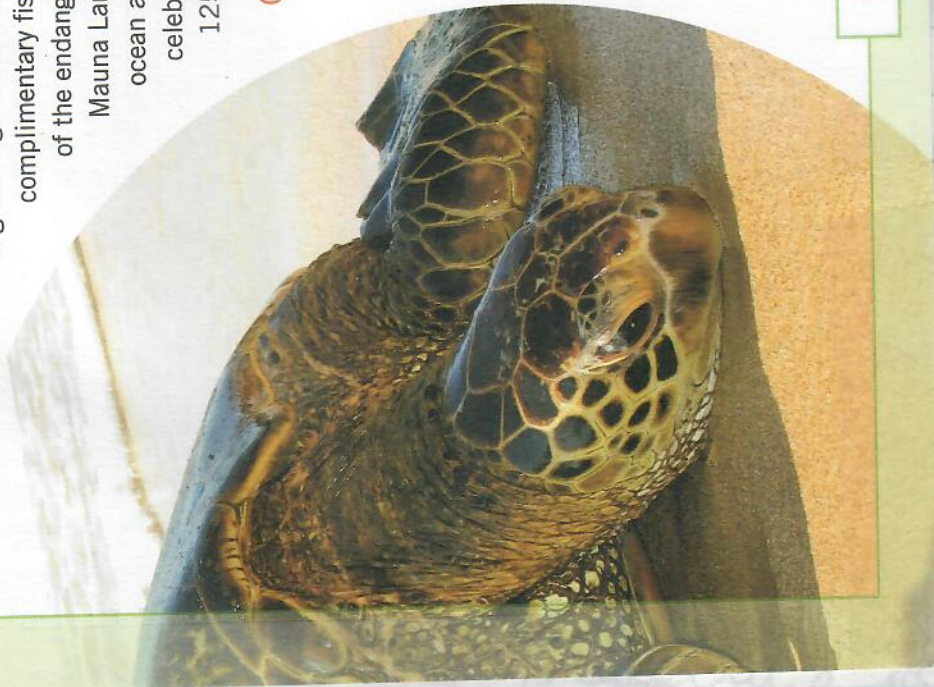
Eco Tourists Will Be Impressed By Our Unique Honu Program

Condé Nast Traveler also recognized Mauna Lani Resort's green sea turtle program as an ecotourism attraction. Since 1989, in collaboration with Oahu's Sea Life Park, Mauna Lani

Resort has raised juvenile honu (turtle) in its saltwater ponds until they are large enough to be released in the wild. The honu are part of the resort's complimentary fishing feeding tour designed to raise awareness of the endangered species. In addition, each Fourth of July, Mauna Lani Resort releases healthy juvenile honu into the ocean as part of their annual "Turtle Independence Day" celebration. Since the program's inception, more than 125 juvenile honu have been released into the wild.

Our Eco-Stewardship Efforts Make Us a Must Stay

These recognitions are reinforced by *National Geographic Traveler* magazine. In their April, 2008 issue, they named Mauna Lani Resort to their prestigious "Stay List" for our eco-stewardship efforts. Preserving the purity and spirit of this extraordinary site and its animal inhabitants is its own reward, but the affirmations of prestigious sources like these make the victories even sweeter.



VISIT US ONLINE AT WWW.MAUNALANI.COM

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FINAL DEPARTURE



EL MORRIS / FMORRIS@STARBUCKET.COM

Pride of Hawaii, a Norwegian Cruise Line ship, made its final departure from Honolulu Harbor as it set out to sea yesterday. It will be repainted, renamed the Norwegian Jade and sent to Europe.

TABLES OF MEASURE

Dry Measure

2 pints (pt.)	=	1 quart (qt.)
8 quarts	=	1 peck (pk.)
4 pecks	=	1 bushel (bu.)
1 cord	=	128 cu. ft.

Linear Measure

12 inches	=	1 foot
3 feet	=	1 yard
16½ ft. (5½ yds.)	=	1 rod
660 feet	=	1 furlong
320 rods (5280 ft.)	=	1 mile

Liquid Measure

4 gills (gi.)	=	1 pint (pt.)
2 pints	=	1 quart (qt.)
4 quarts	=	1 gallon (gal.)
31½ gallons	=	1 barrel (bbl.)
2 barrels	=	1 hogshead (hhd.)

Cubic Measure

1728 cubic inches	=	1 cu. foot
27 cubic feet	=	1 cu. yard
128 cubic feet	=	1 cord of wood
	or	1 perch of stone

Surface Measure

144 sq. in.	=	1 sq. ft.
9 sq. ft.	=	1 sq. yd.
30¼ sq. yds.	=	1 sq. rod
160 sq. rods	=	1 acre

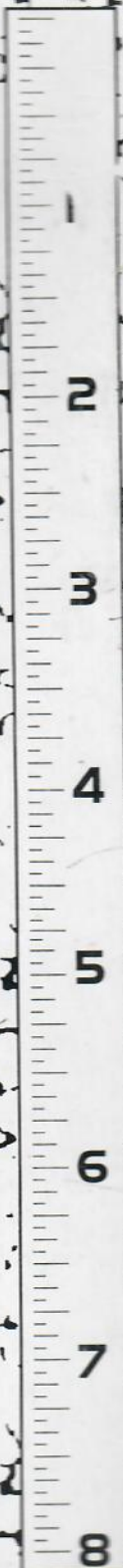
NOTE - A cord of wood is a pile 8 feet long, 4 feet wide and 4 feet high.
A perch of stone or brick is 16½ feet long, 1½ feet wide and 1 foot high.

MULTIPLICATION TABLE

1	2	3	4	5	6	7	8	9	10	11	12
2	4	6	8	10	12	14	16	18	20	22	24
3	6	9	12	15	18	21	24	27	30	33	36
4	8	12	16	20	24	28	32	36	40	44	48
5	10	15	20	25	30	35	40	45	50	55	60
6	12	18	24	30	36	42	48	54	60	66	72
7	14	21	28	35	42	49	56	63	70	77	84
8	16	24	32	40	48	56	64	72	80	88	96
9	18	27	36	45	54	63	72	81	90	99	108
10	20	30	40	50	60	70	80	90	100	110	120
11	22	33	44	55	66	77	88	99	110	121	132
12	24	36	48	60	72	84	96	108	120	132	144

METRIC CONVERSION TABLE

U.S. DEPARTMENT OF COMMERCE METRIC CONVERSION CARD				
National Bureau of Standards Washington, DC 20234			Approximate Conversion to Metric Measures	
SYMBOL	WHEN YOU KNOW	MULTIPLY BY	TO FIND	SYMBOL
LENGTH				
in	inches	25.00	millimeters	mm
in	inches	2.50	centimeters	cm
ft	feet	30.00	centimeters	cm
yd	yards	0.90	meters	m
mi	miles	1.60	kilometers	km
AREA				
in ²	square inches	6.50	square centimeters	cm ²
ft ²	square feet	0.09	square meters	m ²
yd ²	square yards	0.80	square meters	m ²
mi ²	square miles	2.60	square kilometers	km ²
	acres	0.40	hectares	ha
TEMPERATURE (exact)				
°F	Fahrenheit temperature (after subtracting 32)	0.555	Celsius temperature	°C
VOLUME				
tsp	teaspoon	5.00	milliliters	ml
Tbsp	tablespoon	15.00	milliliters	ml
fl. oz.	fluid ounces	30.00	milliliters	ml
c	cups	0.24	liters	l
pt	pints	0.47	liters	l
qt	quart	0.95	liters	l
gal	gallons	3.80	liters	l
ft ³	cubic feet	0.03	cubic meters	m ³
yd ³	cubic yards	0.76	cubic meters	m ³
MASS				
oz	ounces	28.00	grams	g
lb	pounds	0.45	kilograms	kg
	short tons	0.09	tonnes	t



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Ford Ironman 70.3 Hawaii

Honu Triathlon

May 31

Qualifying event for Ford Ironman world championship in October. Olympic distance race, swim and biking.

Race begins at Hapuna Beach ending at Manua Lani Resort at Kalahui-puaa. Visit www.HonuHalfIronman.com or call 329-0063