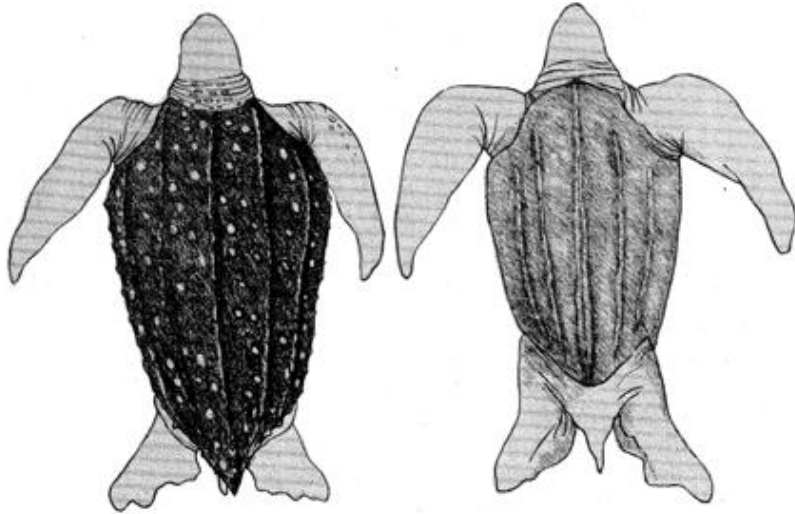


**Marine Turtle Research Program
NOAA Fisheries
Pacific Islands Fisheries Science Center
2570 Dole Street
Honolulu, Hawaii 96822-2396**

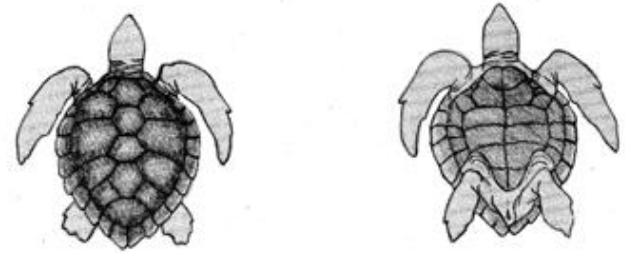


**Shawn Murakawa
Shawn.Murakawa@noaa.gov
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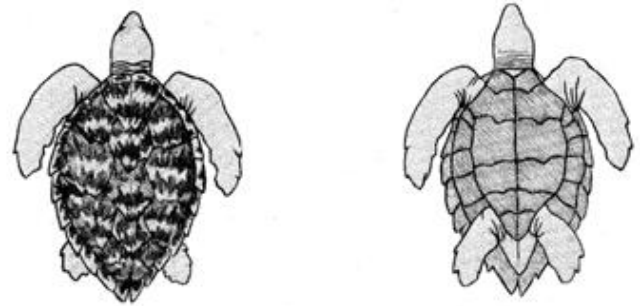
Hawaiian Sea Turtles



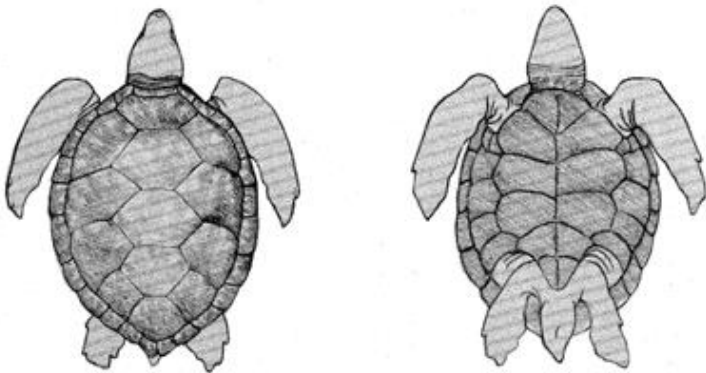
Leatherback



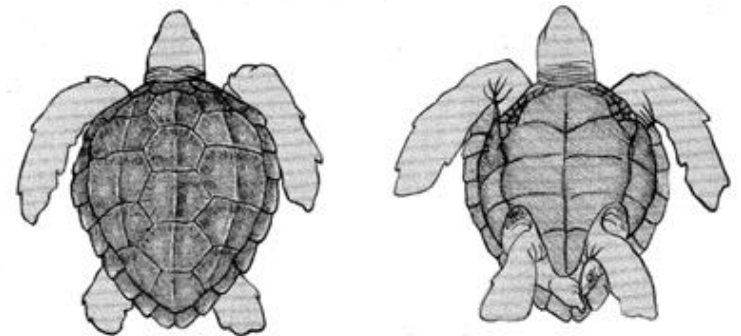
Olive ridley



Hawksbill



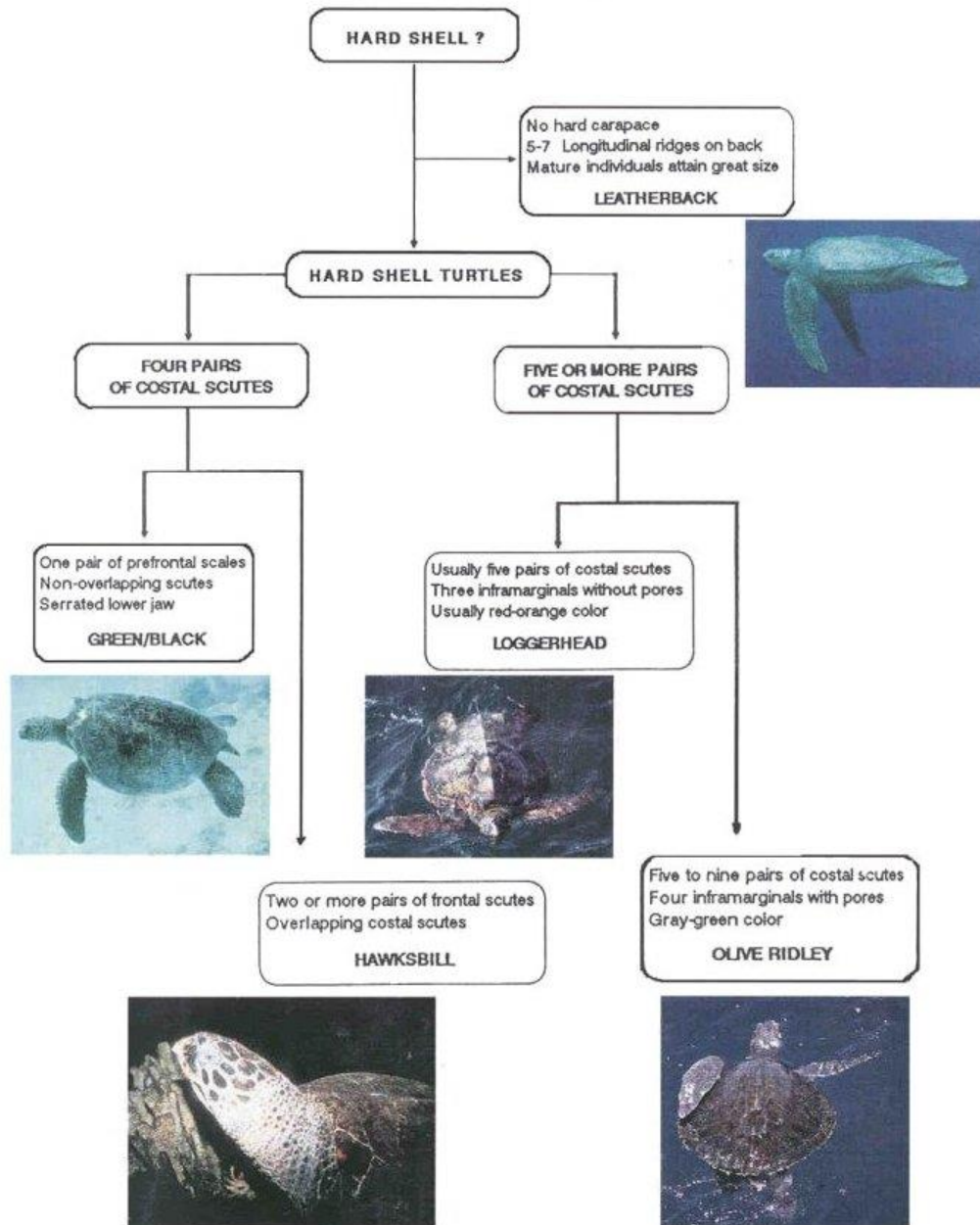
Green



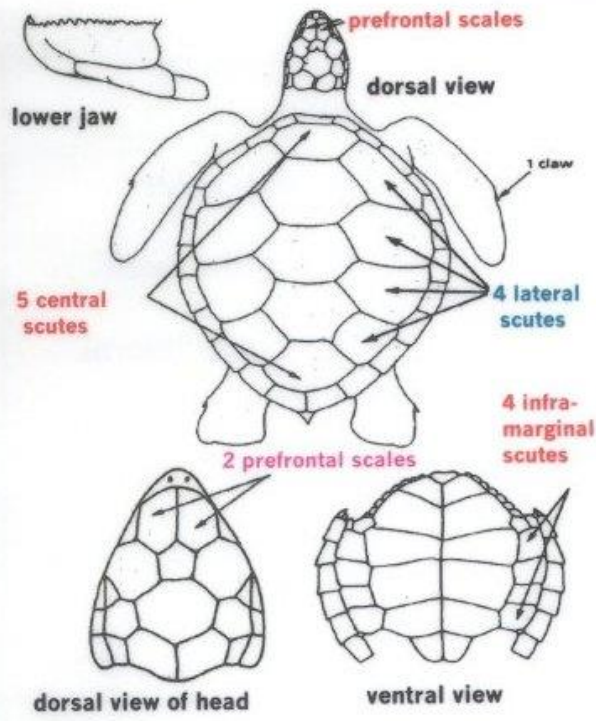
Loggerhead

Sea Turtle Identification

Prepared For the Hawaii Longline Fishermen's Protected Species Workshop
(August/September 2000)



Green Sea Turtle



- Smooth oval shell
- Brown/yellow greenish color
- 4 pairs of lateral scutes
- 5 central scutes
- 2 prefrontal scales
- Serrated lower jaw



Nesting green



KURE
MIDWAY
PEARL AND HERMES REEF

LISIANSKI

LAYSAN
MARO REEF

GARDNER PINNACLES

FRENCH FRIGATE SHOALS

NECKER

NIHOA

LEHUA
NIIHAU
KAULA

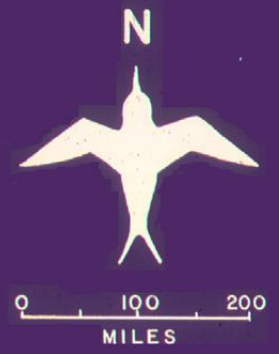
KAUAI

HONOLULU
OAHU

LANAI
MAUI

KAHOOLAWE

HAWAII



HAWAIIAN ISLANDS NORTH PACIFIC OCEAN

Juvenile green



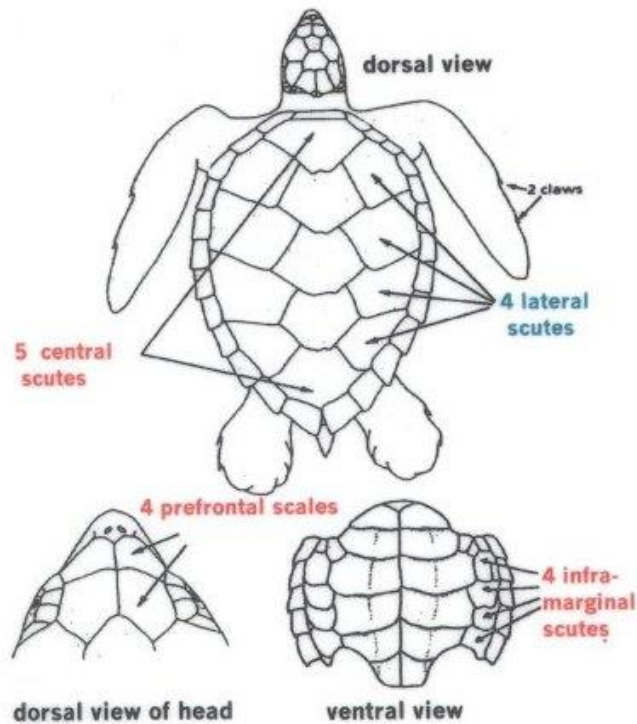
Photo by: George Balazs

Green hatchling



Photo by: Mary Jane Grady

Hawksbill Sea Turtle



- Overlapping scutes
- Narrow shell
- Hawk-like beak
- 4 pairs of lateral scutes
- 5 central scutes
- 4 prefrontal scales



Nesting hawksbill





Photo by: A. Cecil



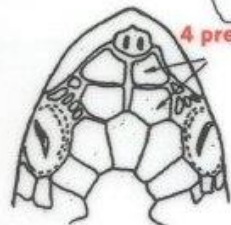
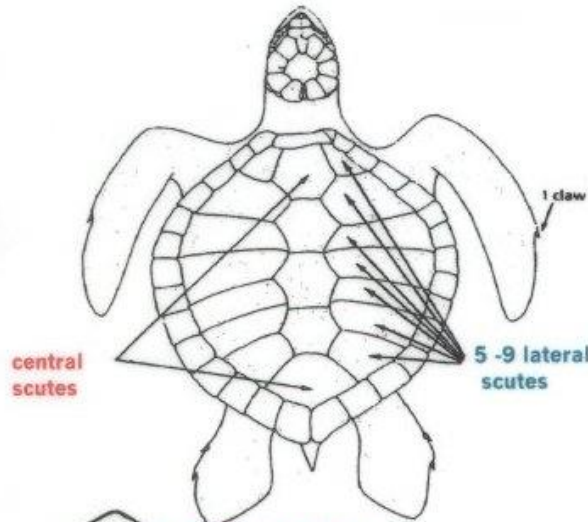
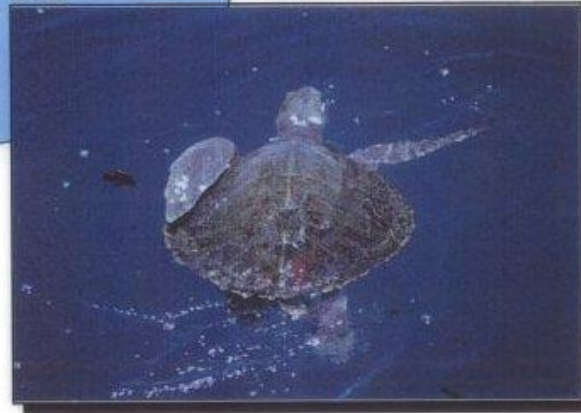
Juvenile hawksbill



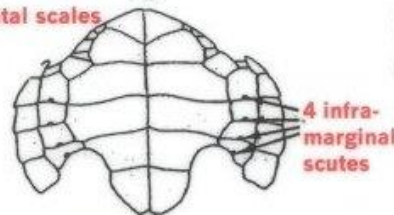
Photo by: Clay Wiseman



OLIVE RIDLEY SEA TURTLE



dorsal view of head



ventral view

- Almost round-shaped shell
- Olive/grayish green color
- Between 5-9 pairs of lateral scutes
- 4 prefrontal scales
- 4 pairs inframarginal scutes



Adult olive ridley



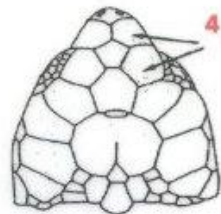
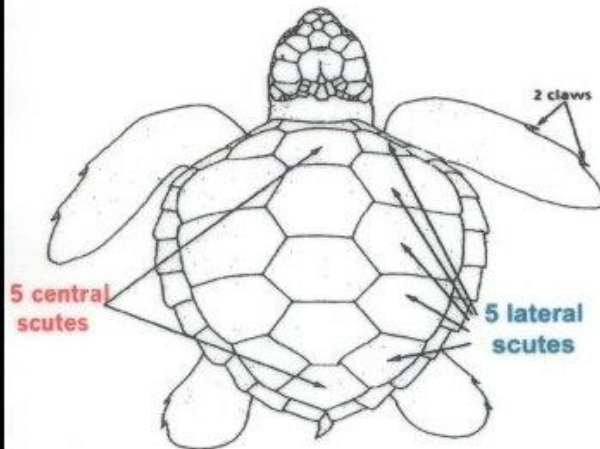
Juvenile olive ridley



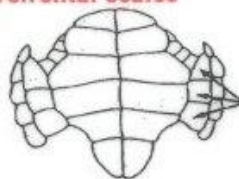
Olive ridley hatchling



Loggerhead Sea Turtle



4 prefrontal scales



3 infra-
marginal
scutes

- Heart shaped shell
- Reddish/orange color
- 5 pairs of lateral scutes
- 5 central scutes
- 4 prefrontal scales
- 3 inframarginal scutes



Adult loggerhead

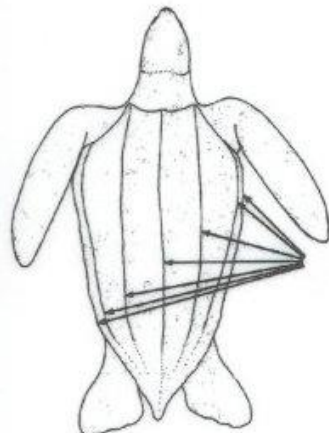
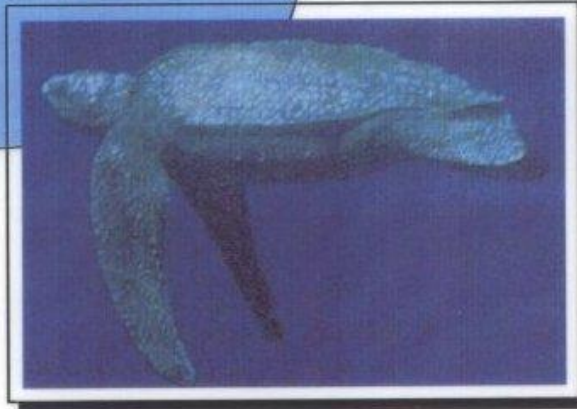




Juvenile loggerhead



Leatherback Sea Turtle



dorsal ridges

Dorsal View
(Top)



w-shaped beak

- Dark color
- No hard shell
- No scales
- 5-7 dorsal ridges
- W-shaped upper jaw or beak
- May attain great size



Adult leatherback





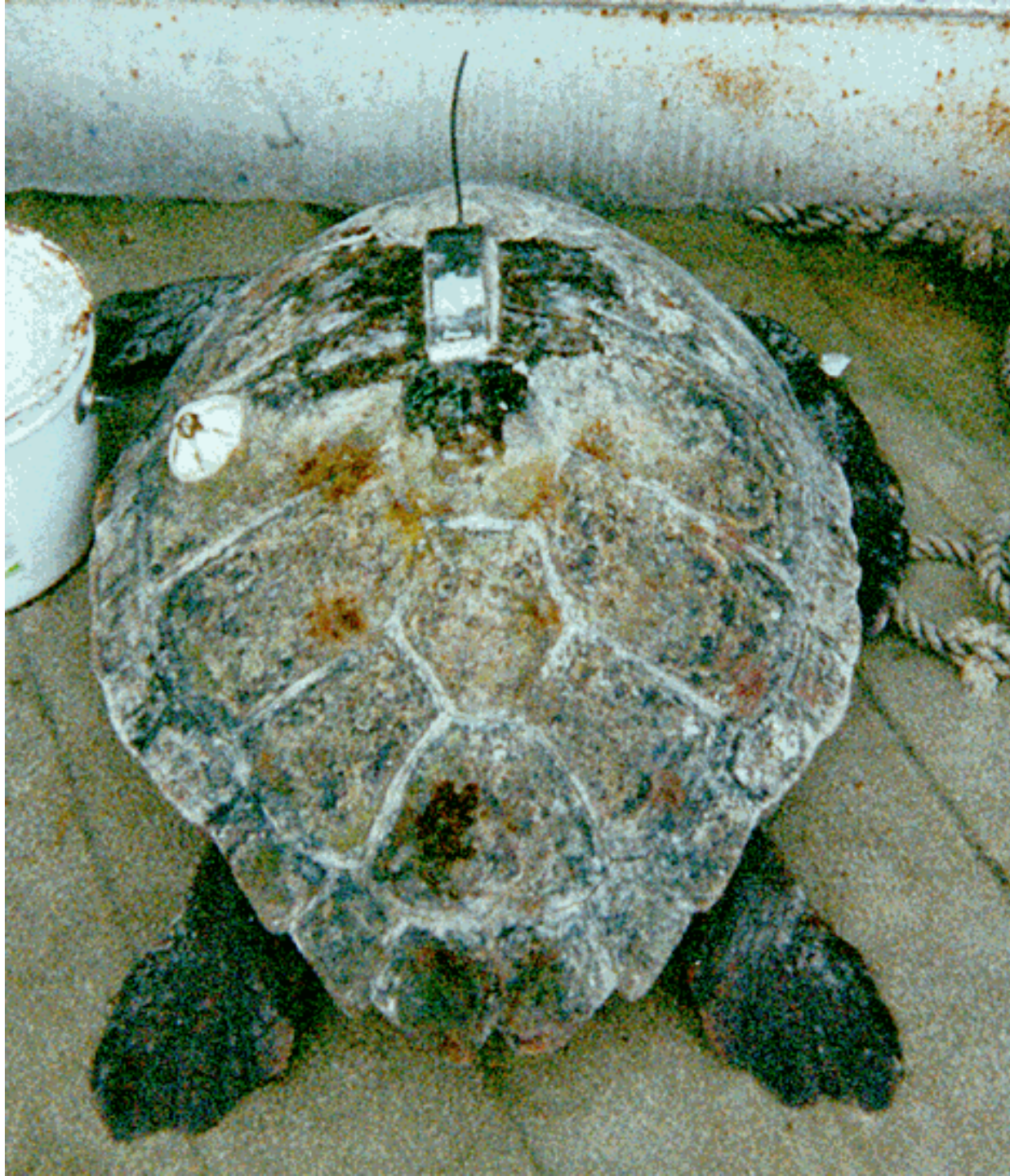


Leatherback hatchling

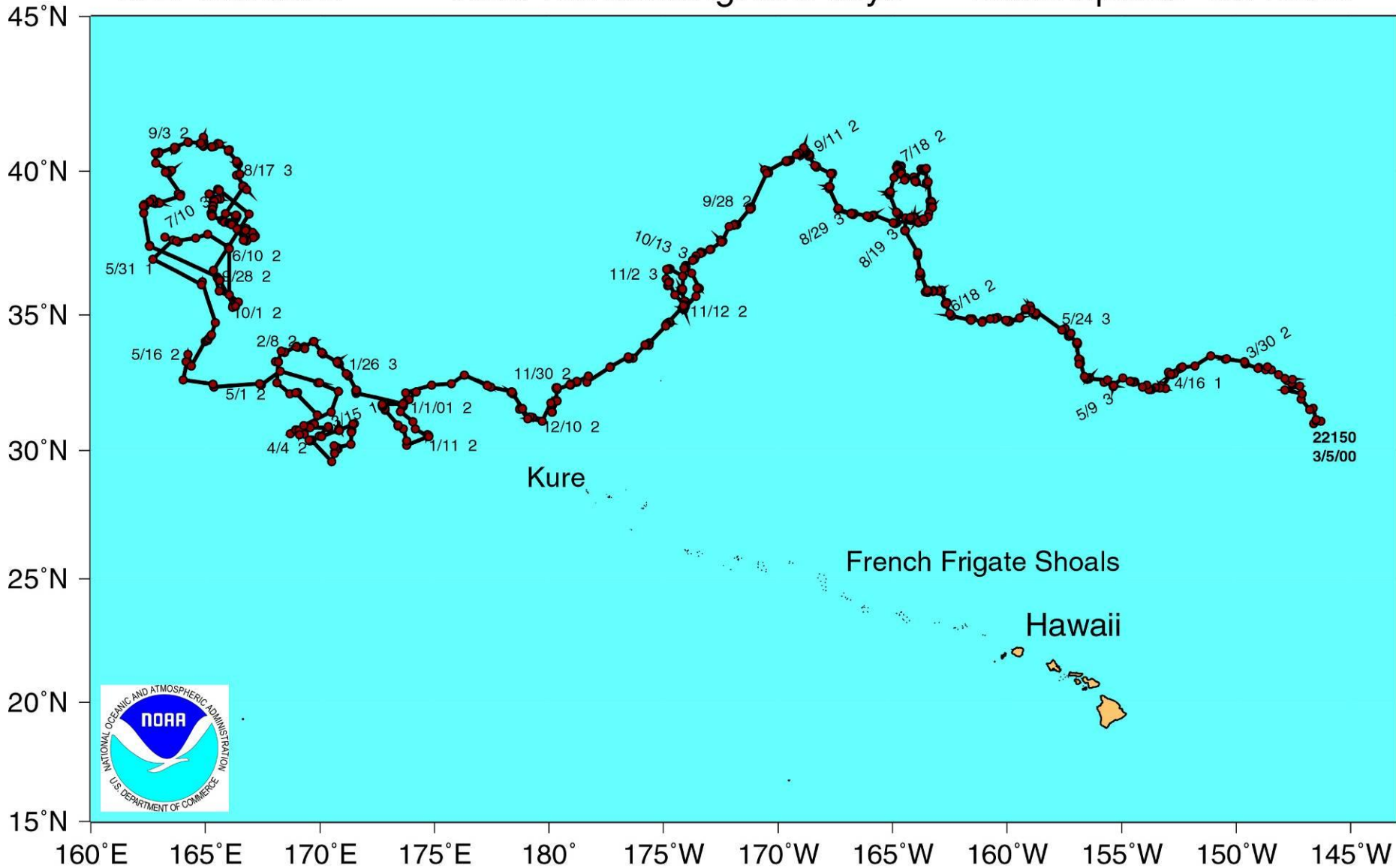


Photo by: Roger Leguen





2000-2001 Post-hooking satellite tracking of pelagic loggerhead 22150
 Duty cycle: 12 hours on, 48 hours off SCL: 60.0 cm Distance: 12792 km
 DEEP INGESTED Time Transmitting: 575 days Mean Speed: 0.9 km/hr



STILL TRANSMITTING

GMT Map by Denise Parker 10/09/01
 National Marine Fisheries Service
 Marine Turtle Research

