

# HAWAII'S COMMONLY CAUGHT BOTTOMFISH SPECIES

## Protected "Deep 7"



**ONAGA**  
*Etelis coruscans*



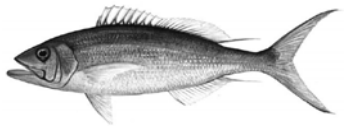
**EHU**  
*Etelis carbunculus*



**OPAKAPAKA**  
*Pristipomoides filamentosus*



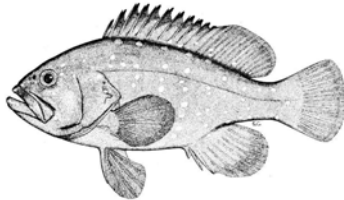
**KALEKALE**  
*Pristipomoides sieboldii*



**LEHI**  
*Aphareus rutilans*



**GINDAI**  
*Pristipomoides zonatus*



**HAPUUPUU**  
*Epinephelus quernus*

## Other Hawaii Federal Bottomfish Management Unit or Ecosystem Component Species



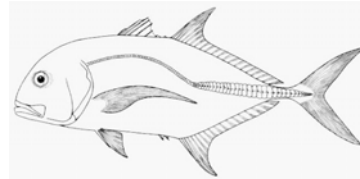
**UKU**  
*Aprion virescens*



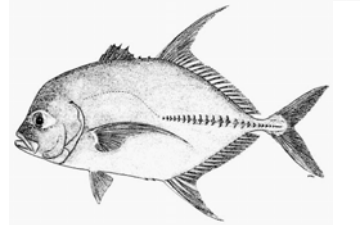
**TAAPE**  
*Lutjanus kasmira*



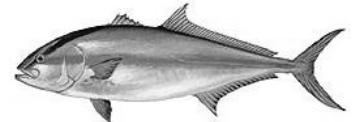
**YELLOWTAIL KALEKALE**  
*Pristipomoides auricilla*



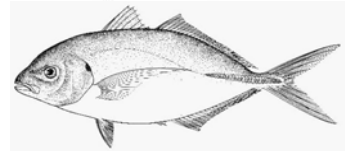
**WHITE ULUA**  
*Caranx ignoblis*



**BLACK ULUA**  
*Caranx lugubris*



**KAHALA**  
*Seriola dumerili*

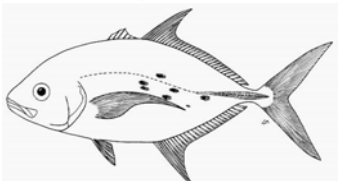


**BUTAGUCHI**  
*Pseudocaranx dentex*

## Some Other Species Caught While Bottomfishing



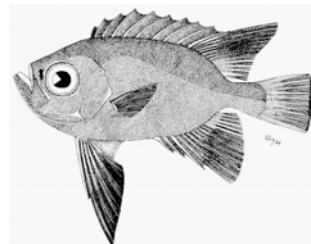
**HOGO**  
*Pontinus macrocephalus*



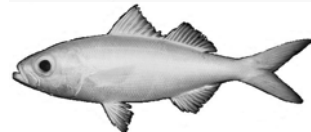
**YELLOWSPOT PAPIO**  
*Carangoides orthogrammus*



**GREEN-EYED SHARK**  
*Squalus mitsukurii*



**AWEOWEO**  
*Cookeolus japonicus*

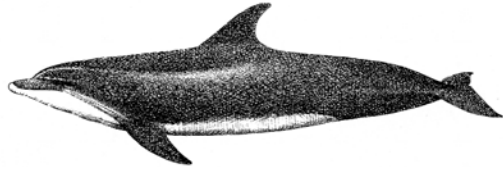


**GOLDEN KALEKALE**  
*Erythrocles scintillans*

**PACIFIC ISLANDS PROTECTED SPECIES**

**Marine Mammals:**

(70) **Bottle-nose dolphin** - Round-shaped body when compared with other similarly shaped dolphins.

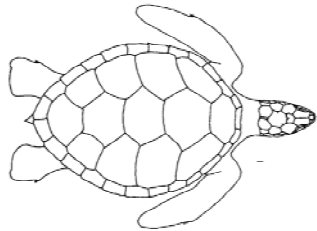


(67) **Pilot whale** – Large black dolphin; rounded bulbous head (“pot head”)

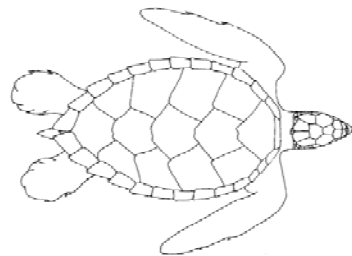


**Turtles:**

(53) **Green** – Dark brown to olive with lighter shades and spots; head small in comparison to body size; blunt beak; only sea turtle with serrated jaw.



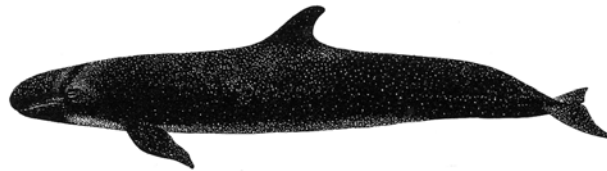
(64) **Hawksbill** – Elongated shell often with overlapping scales; usually dark brown with yellow streaks and spots (“tortoise-shell”); head relatively small with long neck; long and narrow hawk-like beak.



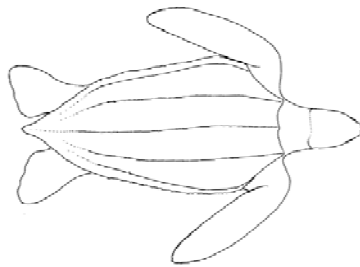
(71) **Spinner dolphin**



(52) **False killer whale** – Large black dolphin; bullet-shaped head.

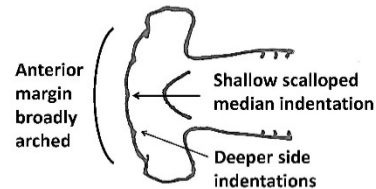


(54) **Leatherback** (softshell) – Black leathery shell with distinct ridges along the back, often has white spots on flippers and underside, largest sea turtle (4-6 ft long).

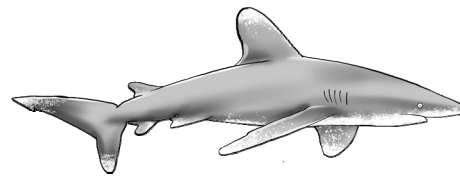


**Sharks and Rays:**

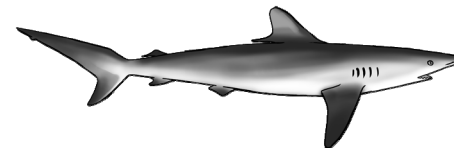
(77) **Scalloped Hammerhead**



(24) **Oceanic White-Tip**



(25) **Silky**



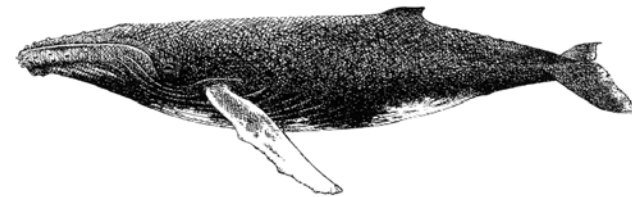
**Giant Manta**



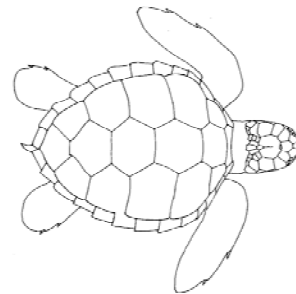
(76) **Rough-toothed dolphin** – “Steno”; no distinct break between forehead and beak.



(66) **Humpback whale** – Long flippers (about 1/3<sup>rd</sup> of body length).



(60) **Loggerhead** – Reddish-brown shell and flippers; head large in relation to body.



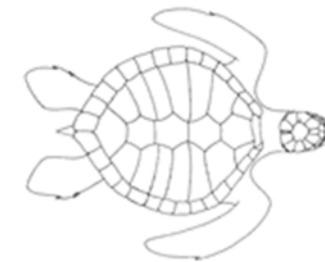
(68) **Risso’s dolphin** – Distinct melon-shaped forehead; no beak; mature animals often scarred over much of their backs.



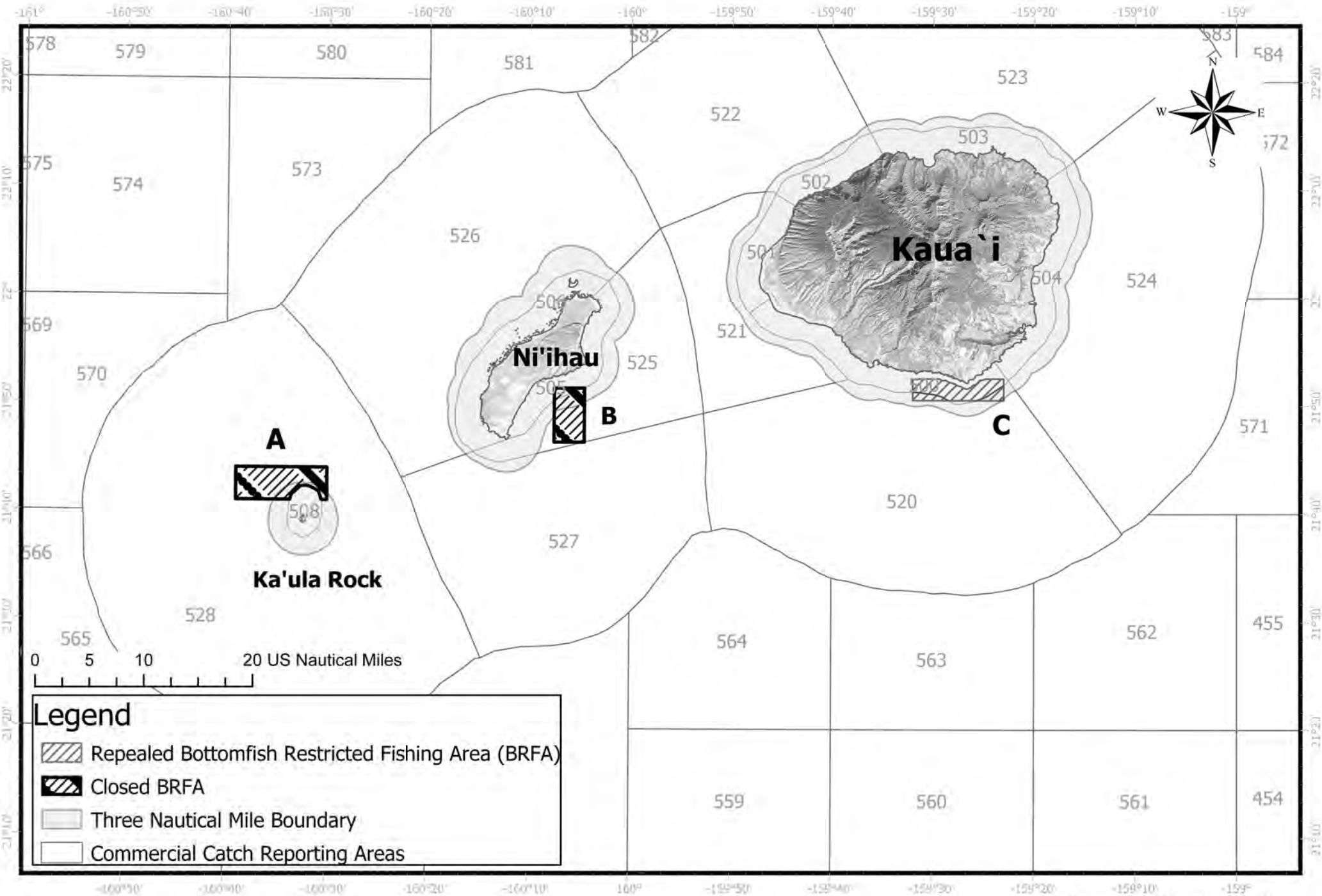
(51) **Monk seal** – Light brown to silver gray; 3-8 ft length; 150-600 lb.



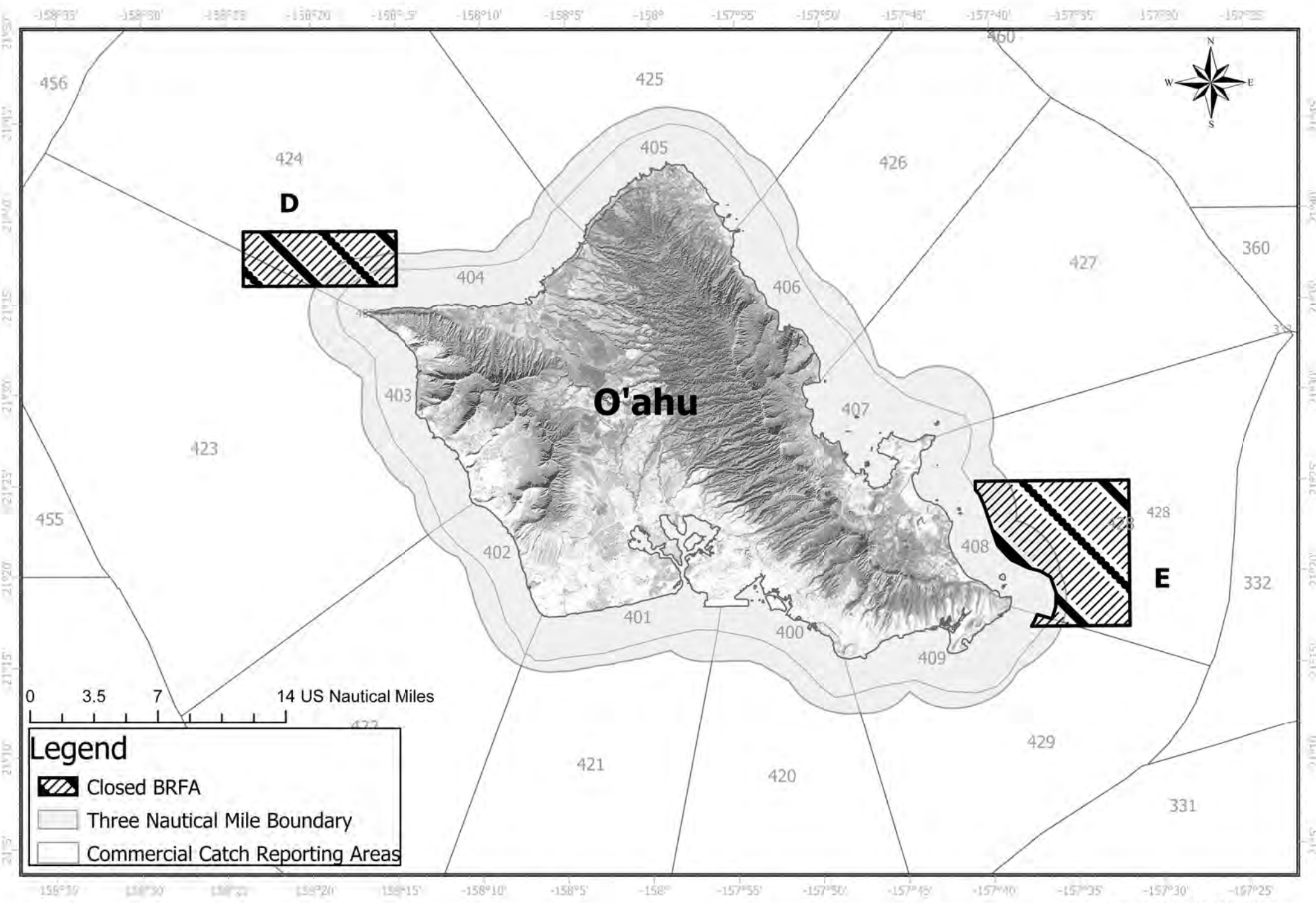
(59) **Olive ridley** – Slate gray to olive brown; width of shell usually equal to or greater than length.



# Exhibit A2: Kauai County BRFAs 07-01-2019

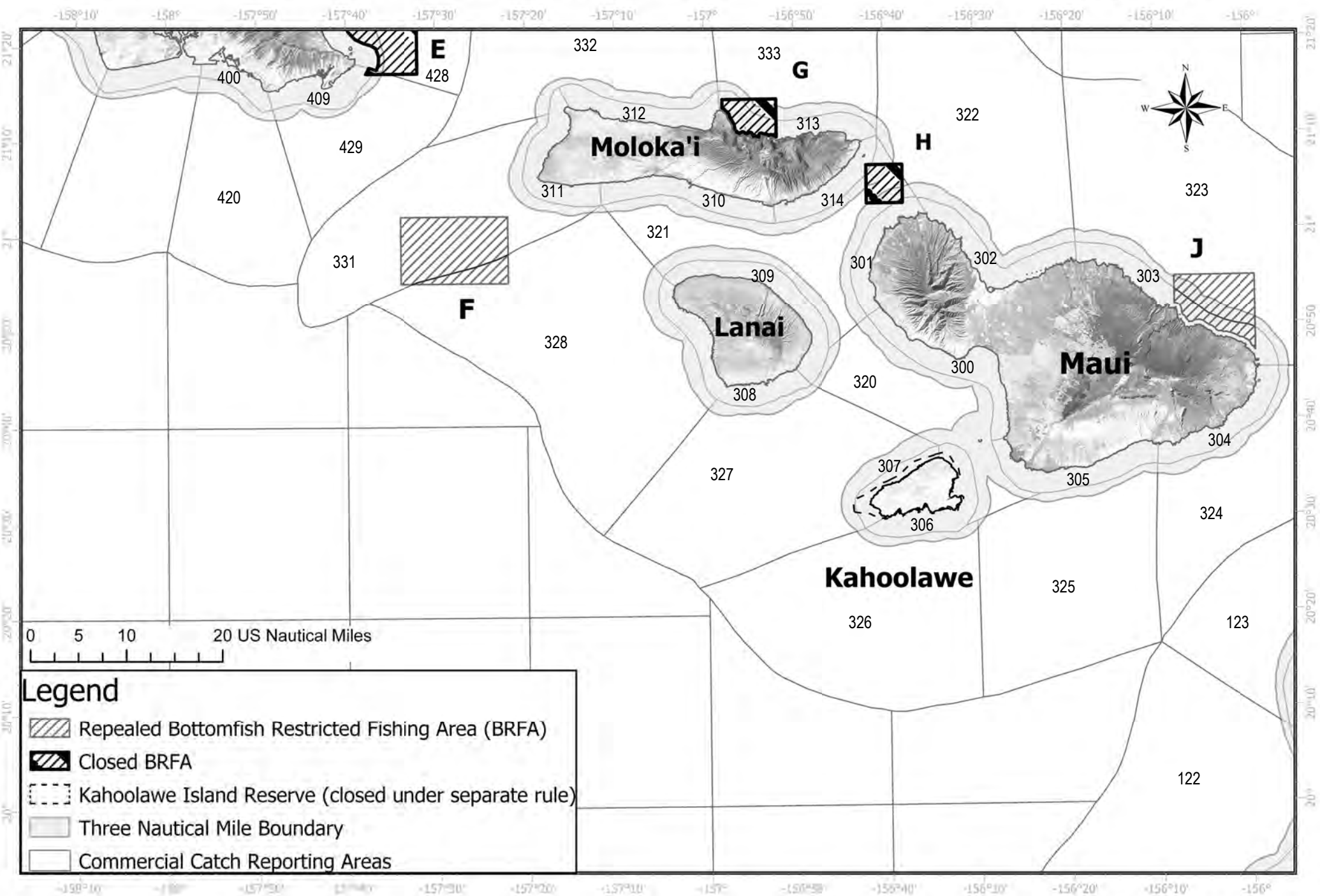


# Exhibit A3: Honolulu City and County BRFAs 07-01-2019








# Exhibit A4: Maui County BRFAs 07-01-2019

Chapter 13-94



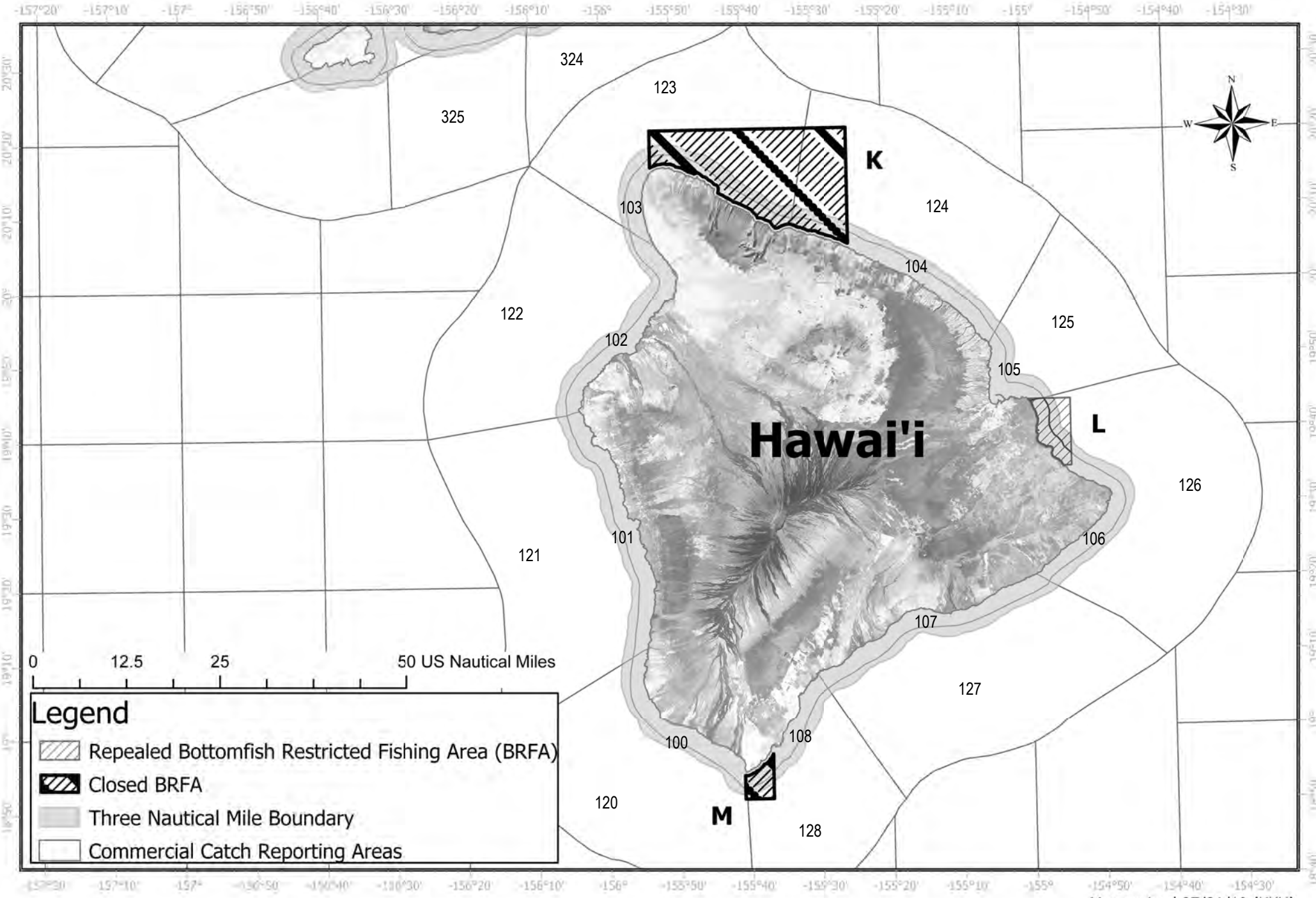
**Legend**

-  Repealed Bottomfish Restricted Fishing Area (BRFA)
-  Closed BRFA
-  Kahoolawe Island Reserve (closed under separate rule)
-  Three Nautical Mile Boundary
-  Commercial Catch Reporting Areas

0 5 10 20 US Nautical Miles

# Exhibit A5: Hawai'i County BRFAs 07-01-2019

CHAPTER 13-94



**Legend**

- Repealed Bottomfish Restricted Fishing Area (BRFA)
- Closed BRFA
- Three Nautical Mile Boundary
- Commercial Catch Reporting Areas