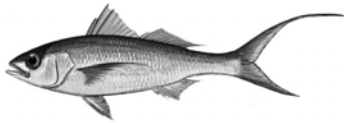


HAWAII'S COMMONLY CAUGHT BOTTOMFISH SPECIES

Protected "Deep 7"



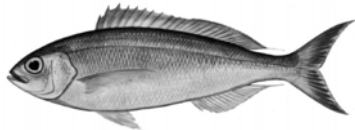
ONAGA
Etelis coruscans



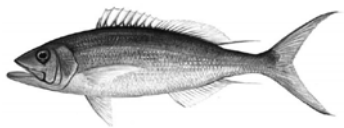
EHU
Etelis carbunculus



OPAKAPAKA
Pristipomoides filamentosus



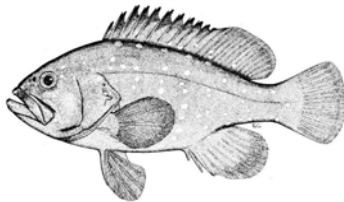
KALEKALE
Pristipomoides sieboldii



LEHI
Aphareus rutilans

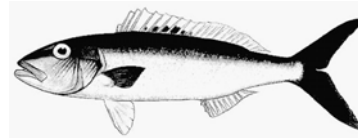


GINDAI
Pristipomoides zonatus



HAPUUPUU
Epinephelus quernus

Other Hawaii Federal Bottomfish Management Unit or Ecosystem Component Species



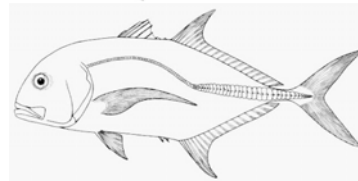
UKU
Aprion virescens



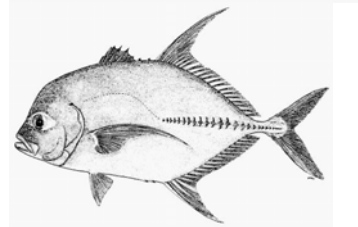
TAAPE
Lutjanus kasmira



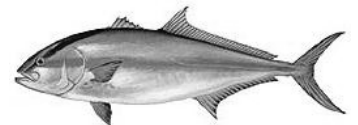
YELLOWTAIL KALEKALE
Pristipomoides auricilla



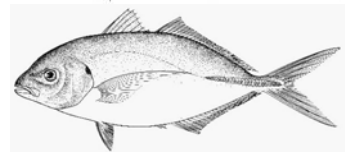
WHITE ULUA
Caranx ignoblis



BLACK ULUA
Caranx lugubris



KAHALA
Seriola dumerili

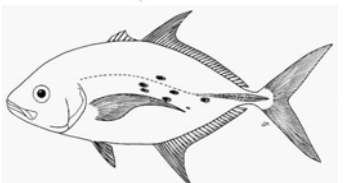


BUTAGUCHI
Pseudocaranx dentex

Some Other Species Caught While Bottomfishing



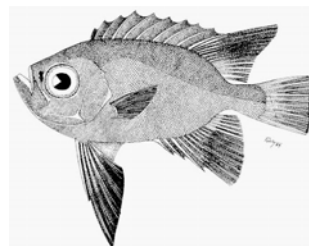
HOGO
Pontinus macrocephalus



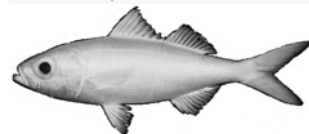
YELLOWSPOT PAPIO
Carangoides orthogrammus



GREEN-EYED SHARK
Squalus mitsukurii



AWEOWEO
Cookeolus japonicus

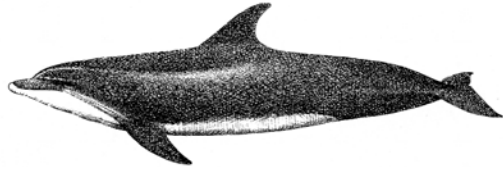


GOLDEN KALEKALE
Erythrocles scintillans

PACIFIC ISLANDS PROTECTED SPECIES

Marine Mammals:

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

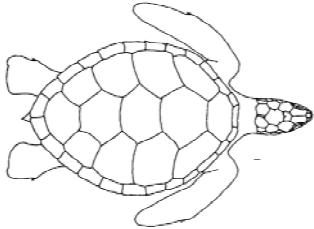


(67) **Pilot whale** – Large black dolphin; rounded bulbous head (“pot head”)

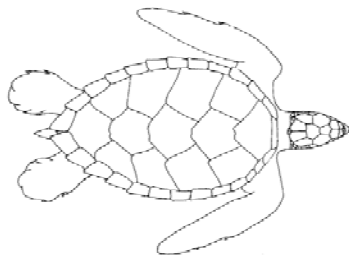


Turtles:

(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.



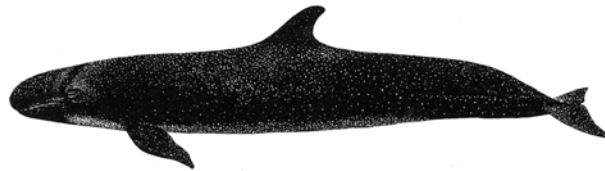
(64) **Hawksbill** – Elongated shell often with overlapping scales; usually dark brown with yellow streaks and spots (“tortoise-shell”); head relatively small with long neck; long and narrow hawk-like beak.



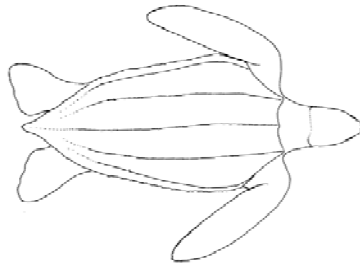
(71) **Spinner dolphin**



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

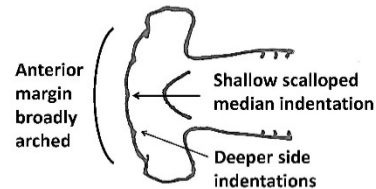


(54) **Leatherback** (softshell) – Black leathery shell with distinct ridges along the back, often has white spots on flippers and underside, largest sea turtle (4-6 ft long).

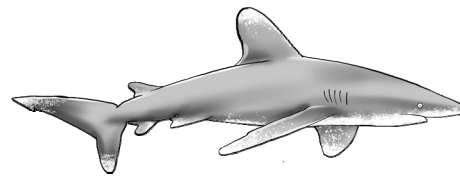


Sharks and Rays:

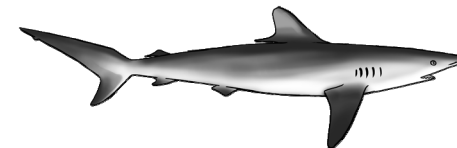
(77) **Scalloped Hammerhead**



(24) **Oceanic White-Tip**



(25) **Silky**



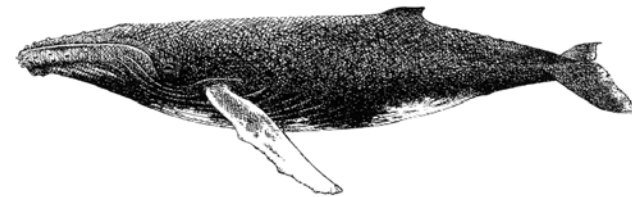
Giant Manta



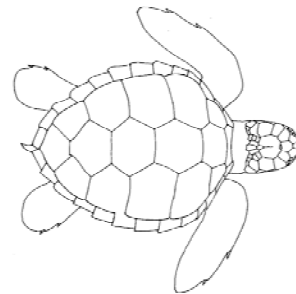
(76) **Rough-toothed dolphin** – “Steno”; no distinct break between forehead and beak.



(66) **Humpback whale** – Long flippers (about 1/3rd 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.

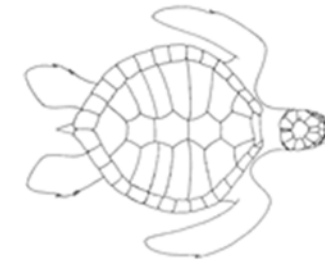


Exhibit A2: Kauai County BRFAs 07-01-2019

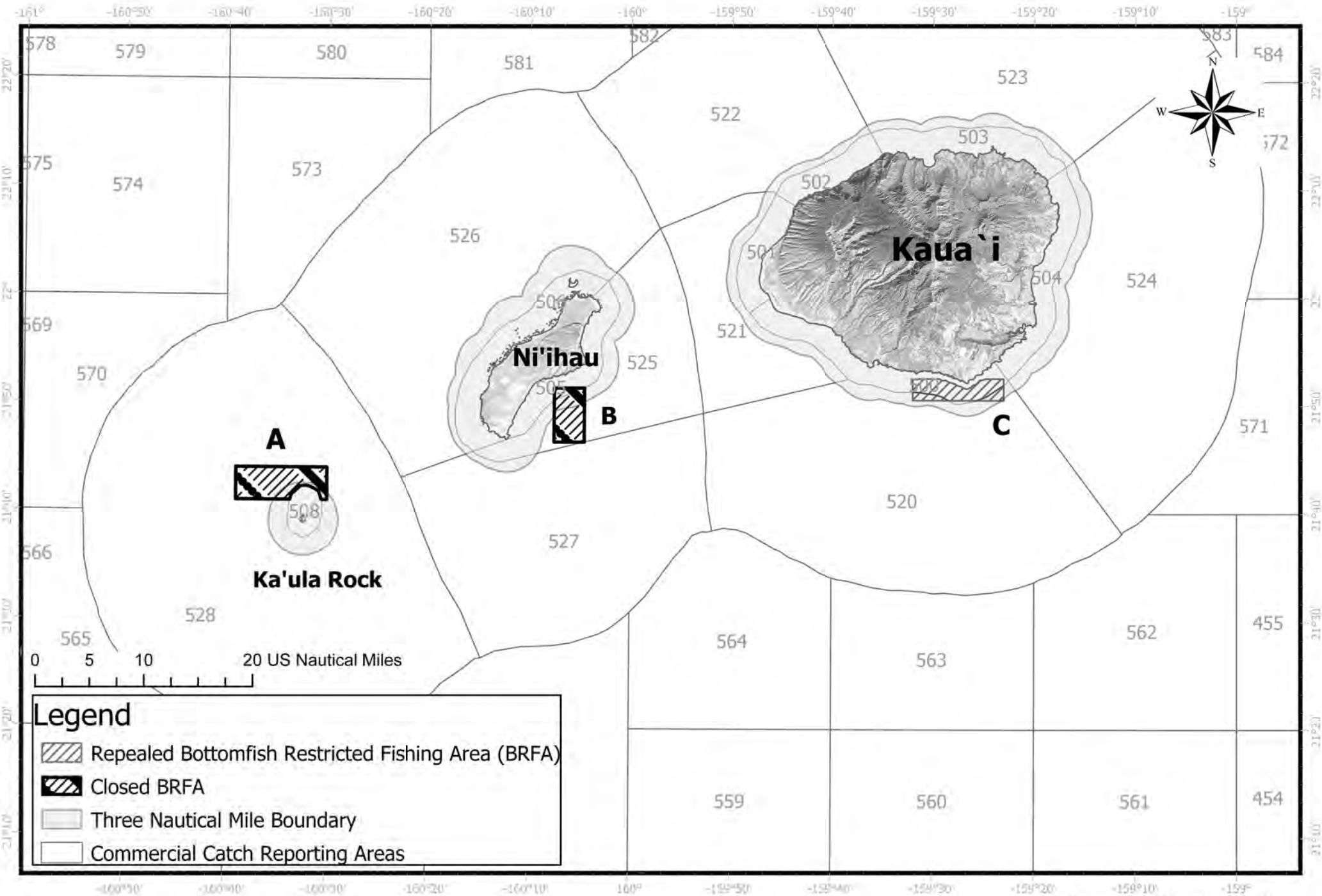


Exhibit A3: Honolulu City and County BRFAs 07-01-2019

Chapter 13-94

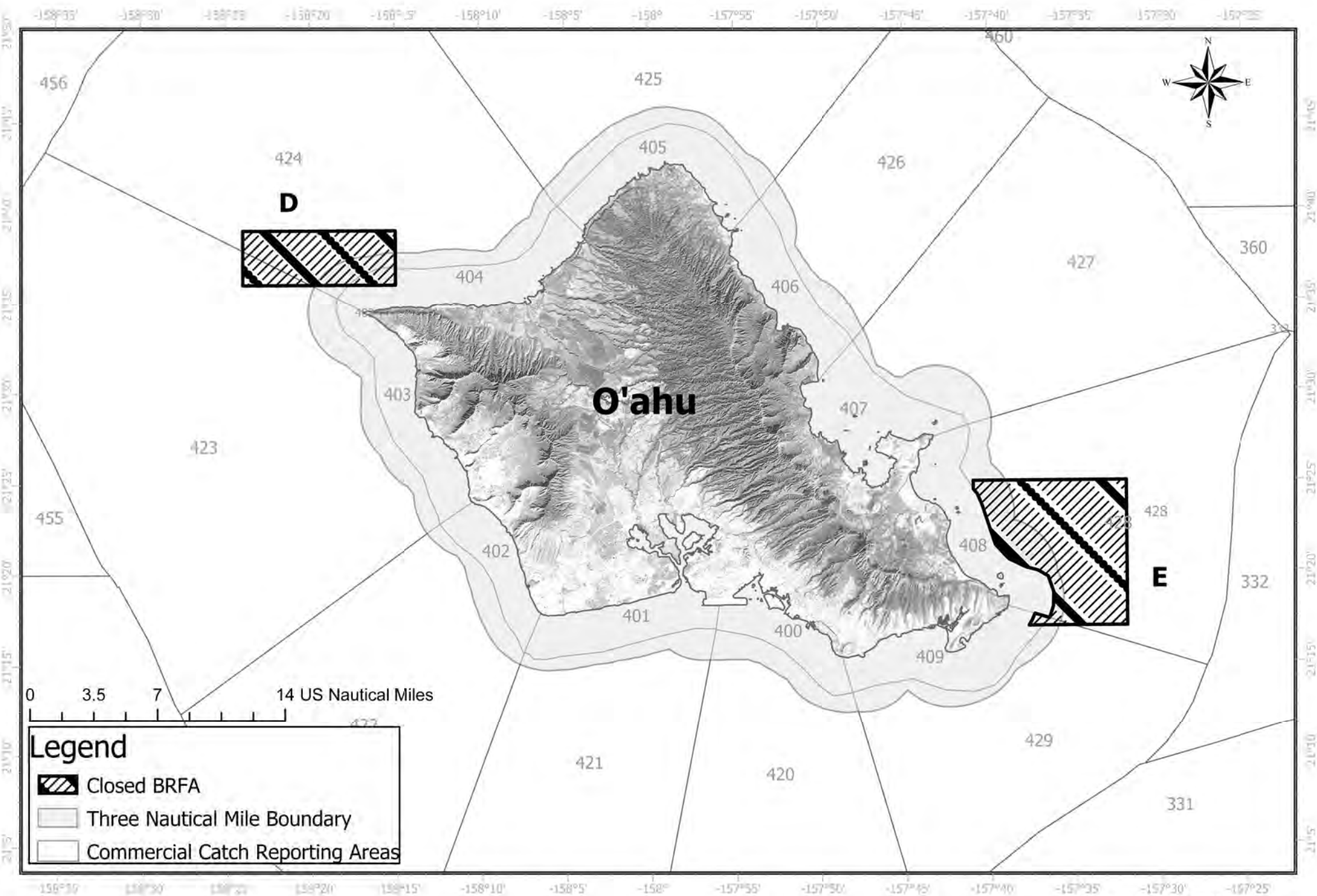


Exhibit A4: Maui County BRFAs 07-01-2019

Chapter 13-94

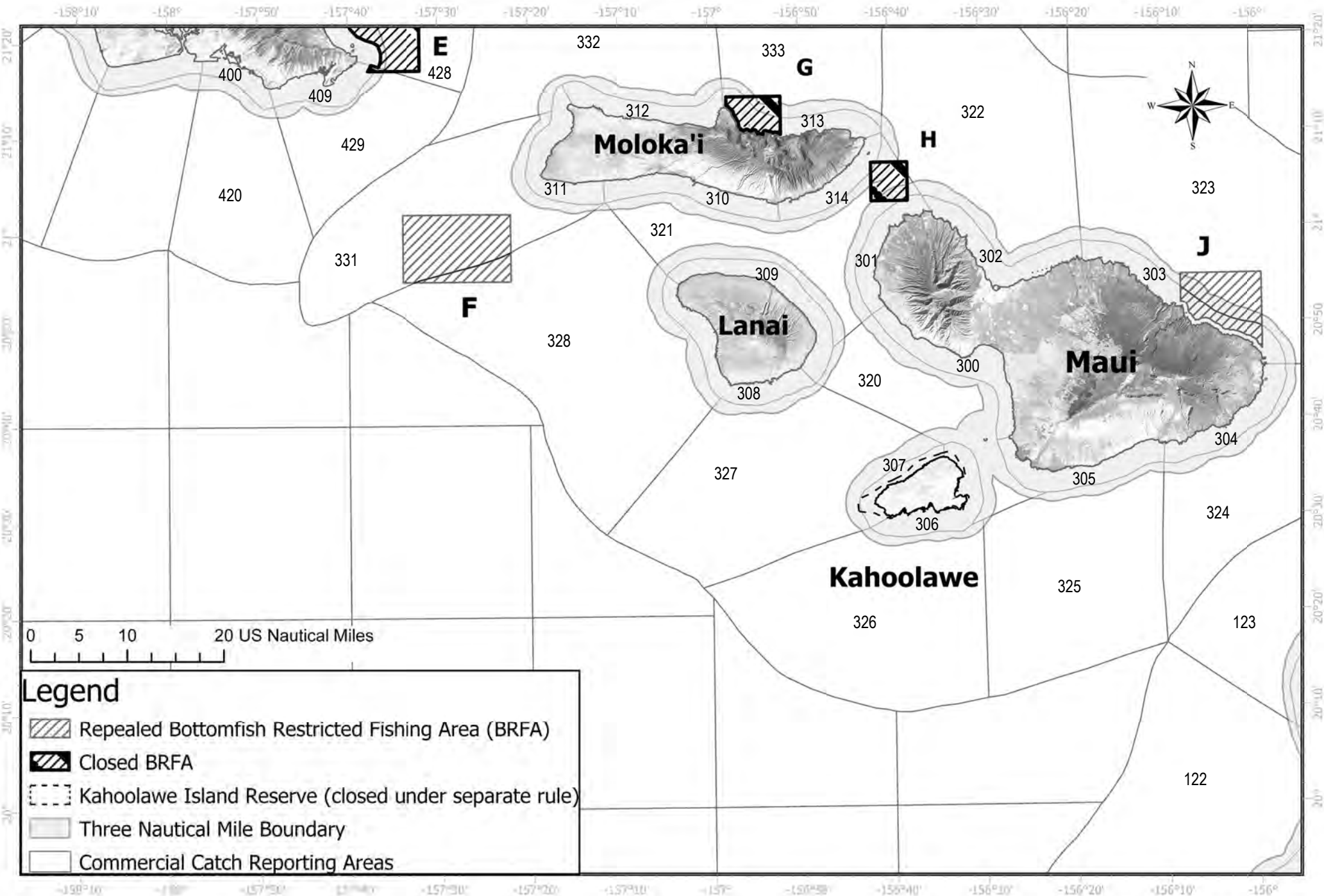


Exhibit A5: Hawai'i County BRFAs 07-01-2019

CHAPTER 13-94

