

PAPAHĀNAUMOKUĀKEA Marine National Monument

French Frigate Shoals: Adapting to Change



Marine Mammal Commission 21 May 2019

Amanda Boyd Papahānaumokuākea Marine National Monument U.S. Fish and Wildlife Service



Northeast Canyons and Seamounts Marine National Monument

NORTH

Marianas Trench Marine National Monument

AS,

Papahānaumokuākea Marine National Monument

Pacific Remote Islands Marine National Monument

Rose Atoll Marine National Monument

Size, Scale, Location



French Frigate Shoals



French Frigate Shoals Papahānaumokuākea Marine National







USN: 1942-1946 USCG: 1952-1979 USFWS: 1979-Present



US Navy

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L'Estate L'AT

US Coast Guard







May 2018



October 2018

Before Hurricane Walaka

After Hurricane Walaka

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With Selected...

Tern Island Post Walaka









Tern Island Post Walaka













We're Making a Difference

- For the last 20 years, NMFS has monitored and mitigated entrapment hazards on Tern.
- During that time they have documented 50 Hawaiian Monk Seals being entrapped at Tern, with 31 entrapments occurring during the last 10 years (2009-2018).
- Within that period, only 1 pup has been documented as dead.

Tern Island-What We Know

Moving Forward

Questions?