

PACIFIC ISLANDS REGION OBSERVER PROGRAM
HAWAII DEEP SET LONGLINE FISHERY - QUARTERLY STATUS REPORT
October 1, 2019 – December 31, 2019

Pacific Islands Regional Office
National Marine Fisheries Service
March 5, 2019

The National Marine Fisheries Service monitors the Hawaii deep-set pelagic longline fishery (targeting tunas) through a mandatory observer program. This report summarizes data for deep-set fishing trips. It ensures prompt dissemination of Hawaii longline observer data, and may be revised after final data editing. The following table summarizes the percent observer coverage for vessel departures, vessels arriving with observers, protected species interactions, and set and hook unit effort for vessels arriving with observers during the 4th Quarter of 2019.

Vessel Departures - 4th Quarter (October 1, 2019 - December 31, 2019)	
Departures	407
Departures with observers	83
Observer coverage 4th quarter	20.4%
Vessels Arriving with Observers - 4th Quarter	
Departures with observers in 4th quarter	83
Observers departing in 3rd quarter arriving 4th quarter	17
Observers departing in 4th quarter arriving 1st quarter 2020	9
Total vessels arriving with observers - 4th quarter	91
Observed Protected Species Interactions - 4th Quarter	
Vessels arriving with observers - 4th quarter	91
Trips with turtle interactions	6
Trips without turtle interactions	85
Trips with marine mammal interactions	9
Trips without marine mammal interactions	82
Trips with seabird interactions	9
Trips without seabird interactions	82
Total Sea Turtle Interactions	6
Released dead	
Olive Ridley	5
Green	1
Total Marine Mammal Interactions	10
Released dead	
False Killer Whale	1
Risso's Dolphin	1
Released injured	
False Killer Whale	6
Rough-toothed Dolphin	1
Unidentified Beaked Whale	1
Total Seabird Interactions	32
Released dead	
Black-footed Albatross	25
Laysan Albatross	6
Released injured	
Black-footed Albatross	1
Total Sets	1,223
Total Hooks Set	3,434,954
Turtles per 1,000 Hooks	0.002
Seabirds per 1,000 Hooks	0.009
Marine Mammals per 1,000 Hooks	0.003

Notes: The percent coverage is based on vessel departures. Protected species interactions are based on vessel arrivals. For the purpose of this report, an animal that is hooked or entangled is considered an interaction.