

**PACIFIC ISLANDS REGION OBSERVER PROGRAM
HAWAII DEEP SET LONGLINE FISHERY – QUARTERLY STATUS REPORT
April 1, 2019 – June 30, 2019**

Pacific Islands Regional Office
National Marine Fisheries Service
November 04, 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 2nd Quarter of 2019.

Vessel Departures - 2nd Quarter (April 1, 2019 - June 30, 2019)	
Departures -----	421
Departures with observers -----	92
Observer coverage 2nd quarter -----	21.9%
 Vessels Arriving with Observers - 2nd Quarter	
Departures with observers in 2nd quarter -----	92
Observers departing in 1st quarter arriving 2nd quarter -----	21
Observers departing in 2nd quarter arriving 3rd quarter -----	26
Total vessels arriving with observers - 2nd quarter -----	87
 Protected Species Interactions - 2nd Quarter	
Vessels arriving with observers - 2nd quarter -----	87
Trips with turtle interactions -----	10
Trips without turtle interactions -----	77
 Trips with marine mammal interactions -----	 3
Trips without marine mammal interactions -----	84
 Trips with seabird interactions -----	 20
Trips without seabird interactions -----	67
 Total Sea Turtle Interactions -----	 12
Released dead	
Olive Ridley -----	11
Green -----	1
 Total Marine Mammal Interactions -----	 3
Released injured	
False Killer Whale -----	3
 Total Seabird Interactions -----	 68
Released dead	
Laysan Albatross -----	11
Black-footed Albatross -----	54
Released injured	
Black-footed Albatross -----	3
 Total Sets	 1,237
Total Hooks Retrieved	3,371,163
Turtles per 1,000 Hooks	0.004
Seabirds per 1,000 Hooks	0.020
Marine Mammals per 1,000 Hooks	0.001

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.