

**PACIFIC ISLANDS REGIONAL OBSERVER PROGRAM
HAWAII SHALLOW SET LONGLINE FISHERY - QUARTERLY STATUS REPORT
January 1 - March 31, 2019**

Pacific Islands Regional Office
National Marine Fisheries Service
May 14, 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 1st Quarter of 2019.

Vessel Departures - 1st Quarter (January 1, 2019 - March 31, 2019)	
Departures -----	25
Departures with observers -----	25
Observer coverage 1st quarter -----	100.0%
 Vessels Arriving with Observers - 1st Quarter	
Departures with observers in 1st quarter -----	25
Observers departing in 4th quarter arriving 1st quarter 2019 -----	3
Observers departing in 1st quarter arriving 2nd quarter -----	0
Total vessels arriving with observers - 1st quarter -----	28
 Protected Species Interactions - 1st Quarter	
Vessels arriving with observers - 1st quarter -----	28
Trips with turtle interactions -----	14
Trips without turtle interactions -----	14
 Trips with marine mammal interactions -----	 1
Trips without marine mammal interactions -----	27
 Trips with seabird interactions -----	 11
Trips without seabird interactions -----	17
 Total Sea Turtle Interactions -----	 22
Released dead	
Olive Ridley -----	1
Released injured	
Loggerhead -----	20
Olive Ridley -----	1
 Total Marine Mammal Interactions -----	 1
Released injured	
Unidentified Seal -----	1 *
 Total Seabird Interactions -----	 34
Released dead	
Black-footed Albatross -----	5
Laysan Albatross -----	3
Released injured	
Black-footed Albatross -----	14
Laysan Albatross -----	12
 Total Sets	 312
Total Hooks Retrieved	374,487
Turtles per 1,000 Hooks	0.059
Seabirds per 1,000 Hooks	0.091
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.

* The pinniped interaction occurred off the California coast, outside the EEZ, while fishing under the Hawaii longline permit.