

**PACIFIC ISLANDS REGION OBSERVER PROGRAM  
HAWAII DEEP SET LONGLINE FISHERY – QUARTERLY STATUS REPORT  
October 1, 2018 – December 31, 2018**

Pacific Islands Regional Office  
National Marine Fisheries Service  
Revised 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 4th Quarter of 2018.

<b>Vessel Departures - 4th Quarter (October 1, 2018 - December 31, 2018)</b>	
Departures -----	396
Departures with observers -----	84
Observer coverage 4th quarter -----	<b>21.2%</b>
 <b>Vessels Arriving with Observers - 4th Quarter</b>	
Departures with observers in 4th quarter -----	84
Observers departing in 3rd quarter arriving 4th quarter -----	16
Observers departing in 4th quarter arriving 1st quarter 2019 -----	14
Total vessels arriving with observers - 4th quarter -----	86
 <b>Observed Protected Species Interactions - 4th Quarter</b>	
Vessels arriving with observers - 4th quarter -----	86
Trips with turtle interactions -----	6
Trips without turtle interactions -----	80
 Trips with marine mammal interactions -----	 4
Trips without marine mammal interactions -----	82
 Trips with seabird interactions -----	 18
Trips without seabird interactions -----	68
 <b>Total Sea Turtle Interactions -----</b>	 <b>10</b>
Released dead	
Olive Ridley -----	8
Loggerhead -----	1
Released injured	
Olive Ridley -----	1
 <b>Total Marine Mammal Interactions -----</b>	 <b>4</b>
Released injured	
False Killer Whale -----	3
Unidentified Cetacean -----	1
 <b>Total Seabird Interactions -----</b>	 <b>36</b>
Released dead	
Black-footed Albatross -----	24
Laysan Albatross -----	7
Red-footed Booby -----	1
Brown Booby -----	1
Unidentified Shearwater -----	1
Released injured	
Black-footed Albatross -----	2
 <b>Total Sets</b>	 <b>1,224</b>
<b>Total Hooks Set</b>	<b>3,332,428</b>
<b>Turtles per 1,000 Hooks</b>	<b>0.003</b>
<b>Seabirds per 1,000 Hooks</b>	<b>0.011</b>
<b>Marine Mammals per 1,000 Hooks</b>	<b>0.001</b>

Note: 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 becomes hooked or entangled is an interaction.