

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

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

The National Marine Fisheries Service monitors the Hawaii shallow-set pelagic longline fishery (targeting swordfish) through a mandatory observer program. This report summarizes data for shallow-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 2019.

<b>Vessel Departures - 2019 (January 1, 2019 - December 31, 2019)</b>	
Departures -----	34
Departures with observers -----	34
Observer coverage 2019 -----	<b>100.0%</b>
<b>Vessels Arriving with Observers - 2019</b>	
Departures with observers in 2019 -----	34
Observers departing in 2018 arriving in 2019 -----	3
Observers departing in 2019 arriving in 2020 -----	9
Total vessels arriving with observers - 2019 -----	28
<b>Observed Protected Species Interactions - 2019</b>	
Vessels arriving with observers - 2019 -----	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
<b>Total Sea Turtle Interactions -----</b>	<b>22</b>
Released dead	
Olive Ridley -----	1
Released injured	
Loggerhead -----	20
Olive Ridley -----	1
<b>Total Marine Mammal Interactions -----</b>	<b>1</b>
Released injured	
Unidentified Seal -----	1
<b>Total Seabird Interactions -----</b>	<b>34</b>
Released dead	
Black-footed Albatross -----	5
Laysan Albatross -----	3
Released injured	
Black-footed Albatross -----	14
Laysan Albatross -----	12
<b>Total Sets</b>	<b>312</b>
<b>Total Hooks Retrieved</b>	<b>374,487</b>
<b>Turtles per 1,000 Hooks</b>	<b>0.059</b>
<b>Seabirds per 1,000 Hooks</b>	<b>0.091</b>
<b>Marine Mammals per 1,000 Hooks</b>	<b>0.003</b>

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