

**PACIFIC ISLANDS REGIONAL OBSERVER PROGRAM**  
**DEEP SET - ANNUAL STATUS REPORT**  
**January 1, 2015 - December 31, 2015**  
Pacific Islands Regional Office  
National Marine Fisheries Service  
January 27, 2016

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The Hawaii-based pelagic longline fishery targeting tunas has been monitored under a mandatory observer program since February 1994. Beginning March 1994, branch personnel have conducted daily shoreside dock rounds in Honolulu to determine which fishing vessels are in port. These dock rounds are used to obtain an estimate of fishing effort on a real-time basis by assuming that a vessel is fishing when it is absent from the harbor. This report summarizes data for vessels that declared intent for a deep set trip. This report is used to ensure prompt dissemination of Hawaii Longline Observer Data and may be revised after final data editing has been completed. 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 2015.

<b>Vessel Departures - 2015 (January 1, 2015 - December 31, 2015)</b>	
Departures -----	1377
Departures with observers -----	283
Observer coverage 2015 -----	<b>20.6%</b>
<b>Vessels Arriving with Observers - 2015</b>	
Departures with observers in 2015 -----	283
Observers departing in 2014 arriving in 2015 -----	11
Observers departing in 2015 arriving in 2016 -----	11
Total vessels arriving with observers - 2015 -----	283
<b>Protected Species Interactions - 2015</b>	
Vessels arriving with observers - 2015 -----	283
Trips with turtle interactions -----	18
Trips without turtle interactions -----	265
Trips with marine mammal interactions -----	10
Trips without marine mammal interactions -----	273
Trips with seabird interactions -----	49
Trips without seabird interactions -----	234
<b>Total Sea Turtles Interactions -----</b>	<b>20</b>
Released dead	
Olive Ridley -----	12
Green -----	1
Loggerhead -----	2
Leatherback -----	2
Released injured	
Leatherback -----	2
Olive Ridley -----	1
<b>Total Marine Mammal Interactions -----</b>	<b>10</b>
Released dead	
False Killer Whale -----	1
Risso's Dolphin -----	1
Released injured	
False Killer Whale -----	4
Risso's Dolphin -----	1
Short-finned Pilot Whale -----	1
Unidentified Cetacean -----	1
Unidentified Dolphin -----	1
<b>Total Seabird Interactions -----</b>	<b>137</b>
Released dead	
Laysan Albatross -----	22
Black-footed Albatross -----	92
Red-footed Booby -----	1
Sooty Shearwater -----	4
Released injured	
Laysan Albatross -----	2
Black-footed Albatross -----	15
Released Alive	
Sooty Shearwater -----	1
<b>Total Sets -----</b>	<b>3,728</b>
<b>Total Hooks Retrieved -----</b>	<b>9,393,234</b>
<b>Turtles per 1,000 Hooks -----</b>	<b>0.002</b>
<b>Seabirds per 1,000 Hooks -----</b>	<b>0.015</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.