

**PACIFIC ISLANDS REGIONAL OBSERVER PROGRAM**  
**DEEP SET**  
**QUARTERLY STATUS REPORT**  
**April 1, 2010 – June 30, 2010**

Pacific Islands Regional Office  
National Marine Fisheries Service  
July 27, 2011

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, and protected species interactions for vessels arriving with observers during the second quarter of 2010.

<b>Vessel Departures - 2nd Quarter (April 1, 2010 - June 30, 2010)</b>	
Departures -----	286
Departures with observers -----	55
Observer coverage 2nd quarter -----	<b>19.2%</b>
 <b>Vessels Arriving with Observers - 2nd Quarter</b>	
Departures with observers in 2nd quarter -----	55
Observers departing in 1st quarter arriving 2nd quarter -----	13
Observers departing in 2nd quarter arriving 3rd quarter -----	23
Total vessels arriving with observers - 2nd quarter -----	45
 <b>Protected Species Interactions - 2nd Quarter</b>	
Vessels arriving with observers - 2nd quarter -----	45
Trips with turtle interactions -----	3
Trips without turtle interactions -----	42
Trips with marine mammal interactions -----	0
Trips without marine mammal interactions -----	45
Trips with seabird interactions -----	2
Trips without seabird interactions -----	43
 <b>Total Sea Turtle Interactions -----</b>	 <b>3</b>
Released dead	
Loggerhead -----	1
Green -----	1
Leatherback -----	1
 <b>Total Marine Mammal Interactions -----</b>	 <b>0</b>
 <b>Total Seabird Interactions -----</b>	 <b>6</b>
Released dead	
Laysan Albatross -----	4
Unidentified Shearwater -----	1
Released injured	1
Laysan Albatross -----	1
	<b>612</b>
<b>Total Sets</b>	<b>1,421,441</b>
<b>Total Hooks Retrieved</b>	<b>0.002</b>
<b>Turtles per 1,000 Hooks</b>	<b>0.004</b>
<b>Seabirds per 1,000 Hooks</b>	<b>0.000</b>
<b>Marine Mammals per 1,000 Hooks</b>	

Note: The percent of observer 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.