

**PACIFIC ISLANDS REGIONAL OBSERVER PROGRAM**  
**DEEP SET**  
**QUARTERLY STATUS REPORT**  
**January 1, 2011 – March 31, 2011**

Pacific Islands Regional Office  
National Marine Fisheries Service  
April 7, 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 percent observer coverage for vessel departures, vessels arriving with observers, and protected species interactions for vessels arriving with observers during the first quarter of 2011.

<b>Vessel Departures - 1st Quarter (January 1, 2011 - March 31, 2011)</b>	
Departures -----	305
Departures with observers -----	66
Observer coverage 1st quarter -----	<b>21.6%</b>
 <b>Vessels Arriving with Observers - 1st Quarter</b>	
Departures with observers in 1st quarter -----	66
Observers departing in 4th quarter arriving 1st quarter 2011 -----	8
Observers departing in 1st quarter arriving 2nd quarter -----	16
Total vessels arriving with observers - 1st quarter -----	88
 <b>Protected Species Interactions - 1st Quarter</b>	
Vessels arriving with observers - 1st quarter -----	58
Trips with turtle interactions -----	3
Trips without turtle interactions -----	55
Trips with marine mammal interactions -----	1
Trips without marine mammal interactions -----	57
Trips with seabird interactions -----	9
Trips without seabird interactions -----	49
 <b>Total Sea Turtle Interactions -----</b>	<b>3</b>
Released Dead	
Green -----	1
Olive ridley -----	1
Released injured	
Leatherback -----	1
 <b>Total Marine Mammal Interactions -----</b>	<b>2</b>
Released injured	
False Killer Whale -----	2
 <b>Total Seabird Interactions -----</b>	<b>19</b>
Released dead	
Black-footed Albatross -----	5
Laysan Albatross -----	13
Released injured	
Laysan Albatross -----	1
 <b>Total Sets -----</b>	<b>777</b>
<b>Total Hooks Retrieved -----</b>	<b>1,772,786</b>
<b>Turtles per 1,000 Hooks -----</b>	<b>0.002</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 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.