

**PACIFIC ISLANDS REGIONAL OBSERVER PROGRAM  
DEEP SET  
ANNUAL STATUS REPORT  
January 1, 2009 - December 31, 2009**

Pacific Islands Regional Office  
National Marine Fisheries Service  
January 19, 2010

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 2009.

<b>Vessel Departures - 2009 (January 1, 2009 - December 31, 2009)</b>	
Departures .....	1221
Departures with observers .....	251
Observer coverage 2009 .....	<b>20.6%</b>
<b>Vessels Arriving with Observers - 2009</b>	
Departures with observers in 2009 .....	251
Observers departing in 2008 arriving in 2009 .....	7
Observers departing in 2009 arriving in 2010 .....	8
Total vessels arriving with observers - 2009 .....	250
<b>Protected Species Interactions - 2009</b>	
Vessels arriving with observers - 2009 .....	250
Trips with turtle interactions .....	4
Trips without turtle interactions .....	246
Trips with marine mammal interactions .....	11
Trips without marine mammal interactions .....	239
Trips with seabird interactions .....	19
Trips without seabird interactions .....	231
<b>Total Sea Turtles Interactions .....</b>	<b>5</b>
Released injured	
Leatherback .....	1
Released Dead	
Olive ridley .....	4
<b>Total Marine Mammal Interactions .....</b>	<b>14</b>
Released injured	
False Killer Whale .....	9
Bottlenose Dolphin .....	1
Unidentified Whale .....	3
Released dead	
False Killer Whale .....	1
<b>Total Seabird Interactions .....</b>	<b>45</b>
Released dead	
Laysan Albatross .....	18
Black-footed Albatross .....	23
Shearwater sp .....	4
<b>Total Sets</b>	<b>3,521</b>
<b>Total Hooks Retrieved</b>	<b>7,877,861</b>
<b>Turtles per 1,000 Hooks</b>	<b>0.001</b>
<b>Seabirds per 1,000 Hooks</b>	<b>0.006</b>
<b>Marine Mammals per 1,000 Hooks</b>	<b>0.002</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.