

**PACIFIC ISLANDS REGIONAL OBSERVER PROGRAM
DEEP SET
ANNUAL STATUS REPORT
January 1, 2010 - December 31, 2010**

Pacific Islands Regional Office
National Marine Fisheries Service
February 9, 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 2010.

Vessel Departures - 2010 (January 1, 2010 - December 31, 2010)	
Departures -----	1216
Departures with observers -----	257
Observer coverage 2010 -----	21.1%
Vessels Arriving with Observers - 2010	
Departures with observers in 2010 -----	257
Observers departing in 2009 arriving in 2010 -----	8
Observers departing in 2010 arriving in 2011 -----	8
Total vessels arriving with observers - 2010 -----	257
Protected Species Interactions - 2010	
Vessels arriving with observers - 2010 -----	257
Trips with turtle interactions -----	7
Trips without turtle interactions -----	250
Trips with marine mammal interactions -----	8
Trips without marine mammal interactions -----	249
Trips with seabird interactions -----	23
Trips without seabird interactions -----	234
Total Sea Turtles Interactions -----	7
Released Dead	
Leatherback -----	1
Green -----	1
Loggerhead -----	1
Olive ridley -----	3
Released injured	
Olive ridley -----	1 *
Total Marine Mammal Interactions -----	9
Released injured	
False Killer Whale -----	4
Bottlenose Dolphin -----	1
Risso's Dolphin -----	1
Unidentified Whale -----	3
Total Seabird Interactions -----	56
Released dead	
Laysan Albatross -----	38
Black-footed Albatross -----	17
Released injured	
Laysan Albatross -----	1
Total Sets	3,580
Total Hooks Retrieved	8,184,127
Turtles per 1,000 Hooks	0.001
Seabirds per 1,000 Hooks	0.007
Marine Mammals per 1,000 Hooks	0.001

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.

* This Olive Ridley interaction occurred inside the American Samoa EEZ. It is included in this report because the vessel departed Honolulu under the Hawaii Longline Permit. The vessel also has an American Samoa Longline Permit.