

**PACIFIC ISLANDS REGIONAL OBSERVER PROGRAM
DEEP SET
ANNUAL STATUS REPORT
January 1, 2011 - December 31, 2011**

Pacific Islands Regional Office
National Marine Fisheries Service
July 23, 2012

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 2011.

Vessel Departures - 2011 (January 1, 2011 - December 31, 2011)	
Departures -----	1260
Departures with observers -----	256
Observer coverage 2011 -----	20.3%
Vessels Arriving with Observers - 2011	
Departures with observers in 2011 -----	256
Observers departing in 2010 arriving in 2011 -----	8
Observers departing in 2011 arriving in 2012 -----	11
Total vessels arriving with observers - 2011 -----	253
Protected Species Interactions - 2011	
Vessels arriving with observers - 2011 -----	253
Trips with turtle interactions -----	11
Trips without turtle interactions -----	242
Trips with marine mammal interactions -----	6
Trips without marine mammal interactions -----	247
Trips with seabird interactions -----	18
Trips without seabird interactions -----	235
Total Sea Turtles Interactions -----	11
Released dead	
Green -----	1
Olive ridley -----	6
Released injured	
Leatherback -----	3
Olive ridley -----	1
Total Marine Mammal Interactions -----	7
Released injured	
False Killer Whale -----	3
Sperm Whale -----	1
Unidentified Cetacean -----	2
Released dead	
Striped Dolphin -----	1
Total Seabird Interactions -----	48
Released dead	
Laysan Albatross -----	31
Black-footed Albatross -----	12
Unidentified Shearwater -----	3
Released injured	
Black-footed Albatross -----	1
Laysan Albatross -----	1
Total Sets	3,540
Total Hooks Retrieved	8,260,092
Turtles per 1,000 Hooks	0.001
Seabirds per 1,000 Hooks	0.006
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.