

**PACIFIC ISLANDS REGIONAL OBSERVER PROGRAM
SHALLOW 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 swordfish and tunas has been monitored under a mandatory observer program since February 1994. In 2004, the Hawaii swordfish fishery was reopened with restrictions on allowable gear used in the fishery. This report is used to ensure prompt dissemination of Hawaii Swordfish 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.

Vessel Departures - 2009 (January 1, 2009 - December 31, 2009)	
Departures -----	104
Departures with observers -----	104
Observer coverage 2009 -----	100.0%
Vessels Arriving with Observers - 2009	
Departures with observers in 2009 -----	104
Observers departing in 2008 arriving in 2009 -----	13
Observers departing in 2009 arriving in 2010 -----	14
Total vessels arriving with observers - 2009 -----	103
Protected Species Interactions - 2009	
Vessels arriving with observers - 2009 -----	103
Trips with turtle interactions -----	10
Trips without turtle interactions -----	93
Trips with marine mammal interactions -----	5
Trips without marine mammal interactions -----	98
Trips with seabird interactions -----	28
Trips without seabird interactions -----	75
Total Sea Turtle Interactions -----	13
Released injured	
Leatherback -----	9
Loggerhead -----	3
Green -----	1
Total Marine Mammal Interactions -----	5
Released injured	
False Killer Whale -----	1
Risso's Dolphin -----	3
Unidentified Whale -----	1
Total Seabird Interactions -----	111
Released injured	
Black-footed Albatross -----	22
Laysan Albatross -----	64
Shearwater sp -----	1
Released dead	
Black-footed Albatross -----	7
Laysan Albatross -----	17
Total Sets	1,833
Total Hooks Retrieved	1,767,128
Turtles per 1,000 Hooks	0.007
Seabirds per 1,000 Hooks	0.063
Marine Mammals per 1,000 Hooks	0.003

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.