

**PACIFIC ISLANDS REGIONAL OBSERVER PROGRAM
SHALLOW SET
ANNUAL STATUS REPORT
January 1, 2013 – December 31, 2013**

Pacific Islands Regional Office
National Marine Fisheries Service
February 11, 2014

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 the percent observer coverage for vessel departures, vessels arriving with observers, and protected species interactions for vessels arriving with observers during 2013.

Vessel Departures - 2013 (January 1, 2013 - December 31, 2013)	
Departures -----	53
Departures with observers -----	53
Observer coverage 2013 -----	100.0%
Vessels Arriving with Observers - 2013	
Departures with observers in 2013 -----	53
Observers departing in 2012 arriving in 2013 -----	8
Observers departing in 2013 arriving in 2014 -----	10
Total vessels arriving with observers - 2013 -----	51
Protected Species Interactions - 2013	
Vessels arriving with observers - 2013 -----	51
Trips with turtle interactions -----	12
Trips without turtle interactions -----	39
Trips with marine mammal interactions -----	9
Trips without marine mammal interactions -----	42
Trips with seabird interactions -----	19
Trips without seabird interactions -----	32
Total Sea Turtle Interactions -----	13
Released injured	
Leatherback -----	7
Loggerhead -----	5 *
Unidentified Hard Shell -----	1 **
Total Marine Mammal Interactions -----	9
Released injured	
Risso's Dolphin -----	3
Bottlenose Dolphin -----	1
Unidentified Beaked Whale -----	2
Northern Elephant Seal -----	1
Released dead	
Rough-toothed Dolphin -----	1
Bottlenose Dolphin -----	1
Total Seabird Interactions -----	76
Released Alive	
Laysan Albatross -----	2
Released injured	
Laysan Albatross -----	34
Black-footed Albatross -----	11
Unidentified Shearwater -----	2
Released dead	
Laysan Albatross -----	10
Black-footed Albatross -----	17
Total Sets	912
Total Hooks Retrieved	1,000,084
Turtles per 1,000 Hooks	0.013
Seabirds per 1,000 Hooks	0.076
Marine Mammals per 1,000 Hooks	0.009

Note: The percent 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.

* One injured Loggerhead was entangled in marine debris, which became entangled with fishing gear. This Loggerhead will not count toward the annual shallow-set interaction limit, but is included in this report.

** The unidentified hard shell sea turtle in this report, is being classified as a Loggerhead sea turtle per protocol for the shallow-set interaction limit and will count toward the annual shallow-set limit.