

**HAWAII LONGLINE OBSERVER PROGRAM  
SHALLOW SET  
ANNUAL STATUS REPORT  
January 1, 2004 – December 31, 2004**

Pacific Islands Regional Office  
National Marine Fisheries Service  
January 25, 2005

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 2004.

**Vessel Departures - 2004 (January 1, 2004 - December 31, 2004)**

Departures -----	11
Departures with observers -----	11
Observer coverage 2004 -----	<b>100.0%</b>

**Vessels Arriving with Observers - 2004**

Departures with observers in 2004 -----	11
Observers departing in 2003 arriving in 2004 -----	0
Observers departing in 2004 arriving in 2005 -----	5
Total vessels arriving with observers - 2004 -----	6

**Protected Species Interactions - 2004**

Vessels arriving with observers - 2004 -----	6
Trips with turtle interactions -----	2
Trips without turtle interactions -----	4
Trips with marine mammal interactions -----	0
Trips without marine mammal interactions -----	6
Trips with seabird interactions -----	1
Trips without seabird interactions -----	5
<b>Total Sea Turtles Interactions -----</b>	<b>2</b>
Released Injured	
Loggerhead -----	1
Leatherback -----	1
<b>Total Marine Mammal Interactions -----</b>	<b>0</b>
<b>Total Seabird Interactions -----</b>	<b>1</b>
Released injured	
Laysan Albatross -----	1
<b>Total Sets</b>	<b>88</b>
<b>Total Hooks Retrieved</b>	<b>76,750</b>
<b>Turtles per 1,000 Hooks</b>	<b>0.026</b>
<b>Seabirds per 1,000 Hooks</b>	<b>0.013</b>
<b>Marine Mammals per 1,000 Hooks</b>	<b>0.000</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.