

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

Pacific Islands Regional Office  
National Marine Fisheries Service  
January 11, 2012

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 2011.

|   |                  |
|---|------------------|
| <b>Vessel Departures - 2011 (January 1, 2011 - December 31, 2011)</b> |                  |
| Departures -----  | 82               |
| Departures with observers -----                                       | 82               |
| Observer coverage 2011 -----  | <b>100.0%</b>    |
| <b>Vessels Arriving with Observers - 2011</b>                         |                  |
| Departures with observers in 2011 -----                               | 82               |
| Observers departing in 2010 arriving in 2011 -----                    | 12               |
| Observers departing in 2011 arriving in 2012 -----                    | 11               |
| Total vessels arriving with observers - 2011 -----                    | 83               |
| <b>Protected Species Interactions - 2011</b>                          |                  |
| Vessels arriving with observers - 2011 -----                          | 83               |
| Trips with turtle interactions -----                                  | 29               |
| Trips without turtle interactions -----                               | 54               |
| Trips with marine mammal interactions -----                           | 12               |
| Trips without marine mammal interactions -----                        | 71               |
| Trips with seabird interactions -----                                 | 21               |
| Trips without seabird interactions -----                              | 62               |
| <b>Total Sea Turtle Interactions -----</b>                            | <b>35</b>        |
| Released injured  |                  |
| Leatherback -----   | 17               |
| Loggerhead -----  | 14               |
| Green -----   | 4                |
| <b>Total Marine Mammal Interactions -----</b>                         | <b>13</b>        |
| Released injured  |                  |
| Bottlenose Dolphin -----  | 2                |
| Blainvilles's Beaked whale -----                                      | 1                |
| Unidentified Beaked Whale -----                                       | 1                |
| False Killer Whale -----  | 1                |
| Humpback Whale -----  | 1                |
| Risso's Dolphin -----   | 4                |
| Common Dolphin -----  | 1                |
| Unidentified Cetacean -----   | 2                |
| <b>Total Seabird Interactions -----</b>                               | <b>68</b>        |
| Released dead   |                  |
| Black-footed Albatross -----  | 5                |
| Laysan Albatross -----  | 10               |
| Released injured  |                  |
| Black-footed Albatross -----  | 14               |
| Laysan Albatross -----  | 39               |
| <b>Total Sets</b>   | <b>1,579</b>     |
| <b>Total Hooks Retrieved</b>  | <b>1,611,395</b> |
| <b>Turtles per 1,000 Hooks</b>  | <b>0.022</b>     |
| <b>Seabirds per 1,000 Hooks</b>                                       | <b>0.042</b>     |
| <b>Marine Mammals per 1,000 Hooks</b>                                 | <b>0.008</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.