

**PACIFIC ISLANDS REGIONAL OBSERVER PROGRAM  
 AMERICAN SAMOA LONGLINE  
 ANNUAL STATUS REPORT  
 January 1, 2010 – December 31, 2010**

Pacific Islands Regional Office  
 National Marine Fisheries Service  
 February 9, 2011

The American Samoa pelagic longline fishery targeting tunas has been monitored under a mandatory observer program since March 2006. Beginning April 2006, branch personnel have conducted daily shoreside dock rounds in American Samoa 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 is used to ensure prompt dissemination of American Samoa Longline 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 2010.

|   |                  |
|---|------------------|
| <b>Vessel Departures - 2010 (January 1, 2010 - December 31, 2010)</b> |                  |
| Departures .....  | 132              |
| Departures with observers .....                                       | 33               |
| Observer coverage 2010 .....  | <b>25.0%</b>     |
| <br>  |                  |
| <b>Vessels Arriving with Observers - 2010</b>                         |                  |
| Departures with observers in 2010 .....                               | 33               |
| Observers departing in 2009 arriving in 2010 .....                    | 0                |
| Observers departing in 2010 arriving in 2011 .....                    | 7                |
| Total vessels arriving with observers - 2010 .....                    | 26               |
| <br>  |                  |
| <b>Protected Species Interactions - 2010</b>                          |                  |
| Vessels arriving with observers - 2010 .....                          | 26               |
| Trips with turtle interactions .....                                  | 5                |
| Trips without turtle interactions .....                               | 21               |
| <br>  |                  |
| Trips with marine mammal interactions .....                           | 0                |
| Trips without marine mammal interactions .....                        | 26               |
| <br>  |                  |
| Trips with seabird interactions .....                                 | 0                |
| Trips without seabird interactions .....                              | 26               |
| <br>  |                  |
| <b>Total Sea Turtles Interactions .....</b>                           | <b>6</b>         |
| Released Dead   |                  |
| Green .....   | 5                |
| Released Injured  |                  |
| Green .....   | 1 *              |
| <br>  |                  |
| <b>Total Marine Mammal Interactions .....</b>                         | <b>0</b>         |
| <br>  |                  |
| <b>Total Seabird Interactions .....</b>                               | <b>0</b>         |
| <br>  |                  |
| <b>Total Sets</b>   | <b>798</b>       |
| <b>Total Hooks Retrieved</b>  | <b>2,296,834</b> |
| <b>Turtles per 1,000 Hooks</b>  | <b>0.003</b>     |
| <b>Seabirds per 1,000 Hooks</b>                                       | <b>0.000</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.

\* An Olive Ridley interaction occurred inside the American Samoa EEZ and is not included in this report because the vessel departed Honolulu under the Hawaii Longline Permit. The vessel also has an American Samoa Longline Permit. The interaction is included in the Hawaii Longline Deep Set Reports.