PACIFIC ISLANDS REGIONAL OBSERVER PROGRAM
DEEP SET
QUARTERLY STATUS REPORT
April 1, 2017 – June 30, 2017
Pacific Islands Regional Office
National Marine Fisheries Service
February 7, 2018

The Hawaii-based pelagic longline fishery targeting tunas has been monitored under a mandatory observer program since February 1994. Beginning March 1994, branch personnel have conducted daily shoreside dock rounds in Honolulu 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 summarizes data for vessels that declared intent for a deep set trip. This report is used to ensure prompt dissemination of Hawaii Longline 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, protected species interactions, and set and hook unit effort for vessels arriving with observers during the second quarter of 2017.

Vessel Departures - 2nd Quarter (April 1, 2017 - June 30, 2017)

Departures	349
Departures with observers	73
Observer coverage 2nd quarter	**20.9%**

Vessels Arriving with Observers - 2nd Quarter

Departures with observers in 2nd quarter	73
Observers departing in 1st quarter arriving 2nd quarter	16
Observers departing in 2nd quarter arriving 3rd quarter	18
Total vessels arriving with observers - 2nd quarter	71

Protected Species Interactions - 2nd Quarter

Vessels arriving with observers - 2nd quarter	71
Trips with turtle interactions	6
Trips without turtle interactions	65
Trips with marine mammal interactions	2
Trips without marine mammal interactions	69
Trips with seabird interactions	22
Trips without seabird interactions	49

Total Sea Turtle Interactions	**6**
Released dead	
Olive Ridley	3
Released injured	
Loggerhead	1
Olive Ridley	1
Green	1
Total Marine Mammal Interactions	**2**
Released injured	
False Killer Whale	1
Unidentified Cetacean	1
Total Seabird Interactions	**40**
Released dead	
Laysan Albatross	1
Black-footed Albatross	32
Released injured	
Black-footed Albatross	7

Total Sets	**925**
Total Hooks Retrieved	**2,458,843**
Turtles per 1,000 Hooks	**0.002**
Seabirds per 1,000 Hooks	**0.016**
Marine Mammals per 1,000 Hooks	**0.001**

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.