

**PIFSC Report on the American Samoa Limited-access Longline Fishery  
from 1 October to 31 December 2016<sup>1</sup>**

Fisheries Research and Monitoring Division, National Marine Fisheries Service, Pacific Islands Fisheries Science Center, NOAA Inouye Regional Center, 1845 Wasp Boulevard, Building 176, Honolulu, HI 96818

The following tables represent effort, retained catch (kept) and discards as reported on longline logsheets for the American Samoa limited-access longline fishery. Effort and catch-effort statistics are based on date of longline haul. Effort and catch statistics are based on logbook data submitted to the PIFSC, FRMD and represent an Oracle table LLDS\_REPORT\_STATS\_AS database extraction done on 31 March 2017. When a statistic (number of vessels, trips) can involve dates of haul in 2 summary periods (i.e., years, semi-annual, quarters), the item is counted in both summary periods. Thus, a trip total is for “partial and completed” trips. As such, these are not additive statistics (i.e., sum of 4 quarters is not the total for the year, etc.).

A Large Vessel Prohibited Area (LVPA) was in effect from 1 March 2002 to 29 January 2016. Effort and catch statistics for 2016 are provided for the vessels fishing in what previously were LVPAs but were reopened in 2016.

---

<sup>1</sup> PIFSC Data Report DR-17-023.  
Issued 8 June 2017.

**Table 1.** Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in American Samoa as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage		Number of vessels active		17
Time Period	1 October - 31 December, 2016	Number of trips (partial or completed)		65
Set Types	All Sets	Number of sets		763
Fishing Area	All Areas	Number of hooks set		2,166,966

  

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
<b>PMUS</b>				
<b>Billfish PMUS</b>				
Blue marlin	166	160	6	0.08
Striped marlin	27	22	5	0.01
Shortbill spearfish	33	9	24	0.02
Swordfish	56	54	2	0.03
Other billfishes	23	9	14	0.01
<b>Total</b>	<b>305</b>	<b>254</b>	<b>51</b>	<b>0.14</b>
<b>Shark PMUS</b>				
Blue shark	542	0	542	0.25
Mako sharks	52	0	52	0.02
Thresher sharks	168	0	168	0.08
Oceanic whitetip shark	166	0	166	0.08
Silky shark	154	0	154	0.07
Other Sharks	47	2	45	0.02
<b>Total</b>	<b>1,129</b>	<b>2</b>	<b>1,127</b>	<b>0.52</b>
<b>Tuna PMUS</b>				
Albacore	19,811	19,742	69	9.14
Bigeye tuna	1,048	1,043	5	0.48
Yellowfin tuna	2,218	2,197	21	1.02
Bluefin tuna	0	0	0	0.00
Skipjack tuna	4,117	4,115	2	1.90
Other tunas	0	0	0	0.00
<b>Total</b>	<b>27,194</b>	<b>27,097</b>	<b>97</b>	<b>12.55</b>
<b>Other PMUS</b>				
Mahimahi	71	70	1	0.03
Moonfish	39	26	13	0.02
Wahoo	1,939	1,935	4	0.89
Oilfish	1,385	149	1,236	0.64
Pomfret	108	44	64	0.05
<b>Total</b>	<b>3,542</b>	<b>2,224</b>	<b>1,318</b>	<b>1.63</b>
<b>Total PMUS</b>	<b>32,170</b>	<b>29,577</b>	<b>2,593</b>	<b>14.85</b>
<b>Total Non-PMUS</b>	<b>370</b>	<b>56</b>	<b>314</b>	<b>0.17</b>
<b>Total All Species</b>	<b>32,540</b>	<b>29,633</b>	<b>2,907</b>	<b>15.02</b>

**Table 2.** Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in American Samoa as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

**Report Coverage**

Time Period 1 October - 31 December, 2016  
 Set Types All Sets  
 Fishing Area Swains LVPA

Number of vessels active	6
Number of trips (partial or completed)	6
Number of sets	27
Number of hooks set	85,847

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
<b>PMUS</b>				
<b>Billfish PMUS</b>				
Blue marlin	6	5	1	0.07
Striped marlin	2	1	1	0.02
Shortbill spearfish	3	0	3	0.03
Swordfish	3	3	0	0.03
Other billfishes	1	0	1	0.01
<b>Total</b>	<b>15</b>	<b>9</b>	<b>6</b>	<b>0.17</b>
<b>Shark PMUS</b>				
Blue shark	18	0	18	0.21
Mako sharks	0	0	0	0.00
Thresher sharks	3	0	3	0.03
Oceanic whitetip shark	3	0	3	0.03
Silky shark	11	0	11	0.13
Other Sharks	16	0	16	0.19
<b>Total</b>	<b>51</b>	<b>0</b>	<b>51</b>	<b>0.59</b>
<b>Tuna PMUS</b>				
Albacore	1,127	1,127	0	13.13
Bigeye tuna	82	82	0	0.96
Yellowfin tuna	73	73	0	0.85
Bluefin tuna	0	0	0	0.00
Skipjack tuna	452	452	0	5.27
Other tunas	0	0	0	0.00
<b>Total</b>	<b>1,734</b>	<b>1,734</b>	<b>0</b>	<b>20.20</b>
<b>Other PMUS</b>				
Mahimahi	0	0	0	0.00
Moonfish	0	0	0	0.00
Wahoo	58	58	0	0.68
Oilfish	41	0	41	0.48
Pomfret	8	0	8	0.09
<b>Total</b>	<b>107</b>	<b>58</b>	<b>49</b>	<b>1.25</b>
<b>Total PMUS</b>	<b>1,907</b>	<b>1,801</b>	<b>106</b>	<b>22.21</b>
<b>Total Non-PMUS</b>	<b>52</b>	<b>1</b>	<b>51</b>	<b>0.61</b>
<b>Total All Species</b>	<b>1,959</b>	<b>1,802</b>	<b>157</b>	<b>22.82</b>

**Table 3.** Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in American Samoa as derived from NMFS Western Pacific Daily Longline Fishing Log records. Catch and effort statistics are based on date of longline haul. Data Source: PIFSC Information Management System, Longline Logbook Data.

Report Coverage		Number of vessels active		14
Time Period	1 October - 31 December, 2016	Number of trips (partial or completed)		57
Set Types	All Sets	Number of sets		86
Fishing Area	Tutuila LVPA	Number of hooks set		150,587

  

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
<b>PMUS</b>				
<b>Billfish PMUS</b>				
Blue marlin	7	5	2	0.05
Striped marlin	1	1	0	0.01
Shortbill spearfish	0	0	0	0.00
Swordfish	3	3	0	0.02
Other billfishes	0	0	0	0.00
<b>Total</b>	<b>11</b>	<b>9</b>	<b>2</b>	<b>0.07</b>
<b>Shark PMUS</b>				
Blue shark	9	0	9	0.06
Mako sharks	2	0	2	0.01
Thresher sharks	13	0	13	0.09
Oceanic whitetip shark	1	0	1	0.01
Silky shark	3	0	3	0.02
Other Sharks	6	0	6	0.04
<b>Total</b>	<b>34</b>	<b>0</b>	<b>34</b>	<b>0.23</b>
<b>Tuna PMUS</b>				
Albacore	981	980	1	6.51
Bigeye tuna	31	31	0	0.21
Yellowfin tuna	352	352	0	2.34
Bluefin tuna	0	0	0	0.00
Skipjack tuna	164	164	0	1.09
Other tunas	0	0	0	0.00
<b>Total</b>	<b>1,528</b>	<b>1,527</b>	<b>1</b>	<b>10.15</b>
<b>Other PMUS</b>				
Mahimahi	32	31	1	0.21
Moonfish	6	3	3	0.04
Wahoo	111	111	0	0.74
Oilfish	38	12	26	0.25
Pomfret	0	0	0	0.00
<b>Total</b>	<b>187</b>	<b>157</b>	<b>30</b>	<b>1.24</b>
<b>Total PMUS</b>	<b>1,760</b>	<b>1,693</b>	<b>67</b>	<b>11.69</b>
<b>Total Non-PMUS</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0.00</b>
<b>Total All Species</b>	<b>1,760</b>	<b>1,693</b>	<b>67</b>	<b>11.69</b>