

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

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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.

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<sup>1</sup> PIFSC Data Report DR-17-019.  
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**Table 1.** Six-month 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 July - 31 December, 2016  
 Set Types All Sets  
 Fishing Area All Areas

Number of vessels active	17
Number of trips (partial or completed)	114
Number of sets	1,361
Number of hooks set	3,882,275

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	252	233	19	0.06
Striped marlin	38	29	9	0.01
Shortbill spearfish	101	15	86	0.03
Swordfish	88	81	7	0.02
Other billfishes	73	20	53	0.02
<b>Total</b>	<b>552</b>	<b>378</b>	<b>174</b>	<b>0.14</b>
<b>Shark PMUS</b>				
Blue shark	1,047	0	1,047	0.27
Mako sharks	109	0	109	0.03
Thresher sharks	289	2	287	0.07
Oceanic whitetip shark	294	0	294	0.08
Silky shark	298	0	298	0.08
Other Sharks	53	2	51	0.01
<b>Total</b>	<b>2,090</b>	<b>4</b>	<b>2,086</b>	<b>0.54</b>
<b>Tuna PMUS</b>				
Albacore	43,984	43,848	136	11.33
Bigeye tuna	1,908	1,902	6	0.49
Yellowfin tuna	9,591	9,520	71	2.47
Bluefin tuna	2	2	0	0.00
Skipjack tuna	9,792	9,540	252	2.52
Other tunas	0	0	0	0.00
<b>Total</b>	<b>65,277</b>	<b>64,812</b>	<b>465</b>	<b>16.81</b>
<b>Other PMUS</b>				
Mahimahi	166	159	7	0.04
Moonfish	68	43	25	0.02
Wahoo	3,187	3,115	72	0.82
Oilfish	2,487	151	2,336	0.64
Pomfret	219	51	168	0.06
<b>Total</b>	<b>6,127</b>	<b>3,519</b>	<b>2,608</b>	<b>1.58</b>
<b>Total PMUS</b>	<b>74,046</b>	<b>68,713</b>	<b>5,333</b>	<b>19.07</b>
<b>Total Non-PMUS</b>	<b>630</b>	<b>66</b>	<b>564</b>	<b>0.16</b>
<b>Total All Species</b>	<b>74,676</b>	<b>68,779</b>	<b>5,897</b>	<b>19.24</b>

**Table 2.** Six-month 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		3
Time Period	1 July - 31 December, 2016	Number of trips (partial or completed)		3
Set Types	All Sets	Number of sets		10
Fishing Area	Outside American Samoa EEZ	Number of hooks set		27,444

  

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	4	4	0	0.15
Striped marlin	1	1	0	0.04
Shortbill spearfish	4	2	2	0.15
Swordfish	0	0	0	0.00
Other billfishes	0	0	0	0.00
<b>Total</b>	<b>9</b>	<b>7</b>	<b>2</b>	<b>0.33</b>
<b>Shark PMUS</b>				
Blue shark	13	0	13	0.47
Mako sharks	0	0	0	0.00
Thresher sharks	0	0	0	0.00
Oceanic whitetip shark	7	0	7	0.26
Silky shark	0	0	0	0.00
Other Sharks	0	0	0	0.00
<b>Total</b>	<b>20</b>	<b>0</b>	<b>20</b>	<b>0.73</b>
<b>Tuna PMUS</b>				
Albacore	49	49	0	1.79
Bigeye tuna	41	41	0	1.49
Yellowfin tuna	48	48	0	1.75
Bluefin tuna	0	0	0	0.00
Skipjack tuna	34	34	0	1.24
Other tunas	0	0	0	0.00
<b>Total</b>	<b>172</b>	<b>172</b>	<b>0</b>	<b>6.27</b>
<b>Other PMUS</b>				
Mahimahi	6	6	0	0.22
Moonfish	0	0	0	0.00
Wahoo	12	12	0	0.44
Oilfish	17	0	17	0.62
Pomfret	1	1	0	0.04
<b>Total</b>	<b>36</b>	<b>19</b>	<b>17</b>	<b>1.31</b>
<b>Total PMUS</b>	<b>237</b>	<b>198</b>	<b>39</b>	<b>8.64</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>237</b>	<b>198</b>	<b>39</b>	<b>8.64</b>

**Table 3.** Six-month 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		8
Time Period	1 July - 31 December, 2016	Number of trips (partial or completed)		10
Set Types	All Sets	Number of sets		49
Fishing Area	Swains LVPA	Number of hooks set		155,684

  

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	10	9	1	0.06
Striped marlin	3	2	1	0.02
Shortbill spearfish	6	1	5	0.04
Swordfish	5	4	1	0.03
Other billfishes	1	0	1	0.01
<b>Total</b>	<b>25</b>	<b>16</b>	<b>9</b>	<b>0.16</b>
<b>Shark PMUS</b>				
Blue shark	25	0	25	0.16
Mako sharks	0	0	0	0.00
Thresher sharks	19	0	19	0.12
Oceanic whitetip shark	12	0	12	0.08
Silky shark	24	0	24	0.15
Other Sharks	16	0	16	0.10
<b>Total</b>	<b>96</b>	<b>0</b>	<b>96</b>	<b>0.62</b>
<b>Tuna PMUS</b>				
Albacore	2,075	2,075	0	13.33
Bigeye tuna	134	133	1	0.86
Yellowfin tuna	397	397	0	2.55
Bluefin tuna	0	0	0	0.00
Skipjack tuna	554	554	0	3.56
Other tunas	0	0	0	0.00
<b>Total</b>	<b>3,160</b>	<b>3,159</b>	<b>1</b>	<b>20.30</b>
<b>Other PMUS</b>				
Mahimahi	0	0	0	0.00
Moonfish	1	0	1	0.01
Wahoo	115	115	0	0.74
Oilfish	62	0	62	0.40
Pomfret	14	0	14	0.09
<b>Total</b>	<b>192</b>	<b>115</b>	<b>77</b>	<b>1.23</b>
<b>Total PMUS</b>	<b>3,473</b>	<b>3,290</b>	<b>183</b>	<b>22.31</b>
<b>Total Non-PMUS</b>	<b>52</b>	<b>1</b>	<b>51</b>	<b>0.33</b>
<b>Total All Species</b>	<b>3,525</b>	<b>3,291</b>	<b>234</b>	<b>22.64</b>

**Table 4.** Six-month 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 July - 31 December, 2016	Number of trips (partial or completed)		101
Set Types	All Sets	Number of sets		165
Fishing Area	Tutuila LVPA	Number of hooks set		298,797

  

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	11	9	2	0.04
Striped marlin	4	2	2	0.01
Shortbill spearfish	4	0	4	0.01
Swordfish	5	5	0	0.02
Other billfishes	7	2	5	0.02
<b>Total</b>	<b>31</b>	<b>18</b>	<b>13</b>	<b>0.10</b>
<b>Shark PMUS</b>				
Blue shark	48	0	48	0.16
Mako sharks	7	0	7	0.02
Thresher sharks	25	2	23	0.08
Oceanic whitetip shark	13	0	13	0.04
Silky shark	13	0	13	0.04
Other Sharks	9	0	9	0.03
<b>Total</b>	<b>115</b>	<b>2</b>	<b>113</b>	<b>0.38</b>
<b>Tuna PMUS</b>				
Albacore	2,142	2,138	4	7.17
Bigeye tuna	125	125	0	0.42
Yellowfin tuna	1,152	1,143	9	3.86
Bluefin tuna	0	0	0	0.00
Skipjack tuna	693	568	125	2.32
Other tunas	0	0	0	0.00
<b>Total</b>	<b>4,112</b>	<b>3,974</b>	<b>138</b>	<b>13.76</b>
<b>Other PMUS</b>				
Mahimahi	68	67	1	0.23
Moonfish	17	13	4	0.06
Wahoo	194	181	13	0.65
Oilfish	138	12	126	0.46
Pomfret	9	1	8	0.03
<b>Total</b>	<b>426</b>	<b>274</b>	<b>152</b>	<b>1.43</b>
<b>Total PMUS</b>	<b>4,684</b>	<b>4,268</b>	<b>416</b>	<b>15.68</b>
<b>Total Non-PMUS</b>	<b>75</b>	<b>0</b>	<b>75</b>	<b>0.25</b>
<b>Total All Species</b>	<b>4,759</b>	<b>4,268</b>	<b>491</b>	<b>15.93</b>