

**PIFSC Report on the American Samoa Limited-access Longline Fishery  
from 1 July to 30 September 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-17-022.  
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**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**

Time Period 1 July - 30 September, 2016  
 Set Types All Sets  
 Fishing Area All Areas

|  |           |
|--|-----------|
| Number of vessels active               | 15        |
| Number of trips (partial or completed) | 60        |
| Number of sets                         | 598       |
| Number of hooks set                    | 1,715,309 |

| 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                            | 86            | 73            | 13              | 0.05                              |
| Striped marlin                         | 11            | 7             | 4               | 0.01                              |
| Shortbill spearfish                    | 68            | 6             | 62              | 0.04                              |
| Swordfish                              | 32            | 27            | 5               | 0.02                              |
| Other billfishes                       | 50            | 11            | 39              | 0.03                              |
| <b>Total</b>                           | <b>247</b>    | <b>124</b>    | <b>123</b>      | <b>0.14</b>                       |
| <b>Shark PMUS</b>                      |               |               |                 |                                   |
| Blue shark                             | 505           | 0             | 505             | 0.29                              |
| Mako sharks                            | 57            | 0             | 57              | 0.03                              |
| Thresher sharks                        | 121           | 2             | 119             | 0.07                              |
| Oceanic whitetip shark                 | 128           | 0             | 128             | 0.07                              |
| Silky shark                            | 144           | 0             | 144             | 0.08                              |
| Other Sharks                           | 6             | 0             | 6               | 0.00                              |
| <b>Total</b>                           | <b>961</b>    | <b>2</b>      | <b>959</b>      | <b>0.56</b>                       |
| <b>Tuna PMUS</b>                       |               |               |                 |                                   |
| Albacore                               | 24,173        | 24,106        | 67              | 14.09                             |
| Bigeye tuna                            | 860           | 859           | 1               | 0.50                              |
| Yellowfin tuna                         | 7,373         | 7,323         | 50              | 4.30                              |
| Bluefin tuna                           | 2             | 2             | 0               | 0.00                              |
| Skipjack tuna                          | 5,675         | 5,425         | 250             | 3.31                              |
| Other tunas                            | 0             | 0             | 0               | 0.00                              |
| <b>Total</b>                           | <b>38,083</b> | <b>37,715</b> | <b>368</b>      | <b>22.20</b>                      |
| <b>Other PMUS</b>                      |               |               |                 |                                   |
| Mahimahi                               | 95            | 89            | 6               | 0.06                              |
| Moonfish                               | 29            | 17            | 12              | 0.02                              |
| Wahoo                                  | 1,248         | 1,180         | 68              | 0.73                              |
| Oilfish                                | 1,102         | 2             | 1,100           | 0.64                              |
| Pomfret                                | 111           | 7             | 104             | 0.06                              |
| <b>Total</b>                           | <b>2,585</b>  | <b>1,295</b>  | <b>1,290</b>    | <b>1.51</b>                       |
| <b>Total PMUS</b>                      | <b>41,876</b> | <b>39,136</b> | <b>2,740</b>    | <b>24.41</b>                      |
| <b>Total Non-PMUS</b>                  | <b>260</b>    | <b>10</b>     | <b>250</b>      | <b>0.15</b>                       |
| <b>Total All Species</b>               | <b>42,136</b> | <b>39,146</b> | <b>2,990</b>    | <b>24.56</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 |                             | Number of vessels active               |  | 4      |
|-----------------|-----------------------------|--|--|--------|
| Time Period     | 1 July - 30 September, 2016 | Number of trips (partial or completed) |  | 5      |
| Set Types       | All Sets                    | Number of sets                         |  | 22     |
| Fishing Area    | Swains LVPA                 | Number of hooks set                    |  | 69,837 |

  

| 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               | 0.06                              |
| Striped marlin                         | 1             | 1            | 0               | 0.01                              |
| Shortbill spearfish                    | 3             | 1            | 2               | 0.04                              |
| Swordfish                              | 2             | 1            | 1               | 0.03                              |
| Other billfishes                       | 0             | 0            | 0               | 0.00                              |
| <b>Total</b>                           | <b>10</b>     | <b>7</b>     | <b>3</b>        | <b>0.14</b>                       |
| <b>Shark PMUS</b>                      |               |              |                 |                                   |
| Blue shark                             | 7             | 0            | 7               | 0.10                              |
| Mako sharks                            | 0             | 0            | 0               | 0.00                              |
| Thresher sharks                        | 16            | 0            | 16              | 0.23                              |
| Oceanic whitetip shark                 | 9             | 0            | 9               | 0.13                              |
| Silky shark                            | 13            | 0            | 13              | 0.19                              |
| Other Sharks                           | 0             | 0            | 0               | 0.00                              |
| <b>Total</b>                           | <b>45</b>     | <b>0</b>     | <b>45</b>       | <b>0.64</b>                       |
| <b>Tuna PMUS</b>                       |               |              |                 |                                   |
| Albacore                               | 948           | 948          | 0               | 13.57                             |
| Bigeye tuna                            | 52            | 51           | 1               | 0.74                              |
| Yellowfin tuna                         | 324           | 324          | 0               | 4.64                              |
| Bluefin tuna                           | 0             | 0            | 0               | 0.00                              |
| Skipjack tuna                          | 102           | 102          | 0               | 1.46                              |
| Other tunas                            | 0             | 0            | 0               | 0.00                              |
| <b>Total</b>                           | <b>1,426</b>  | <b>1,425</b> | <b>1</b>        | <b>20.42</b>                      |
| <b>Other PMUS</b>                      |               |              |                 |                                   |
| Mahimahi                               | 0             | 0            | 0               | 0.00                              |
| Moonfish                               | 1             | 0            | 1               | 0.01                              |
| Wahoo                                  | 57            | 57           | 0               | 0.82                              |
| Oilfish                                | 21            | 0            | 21              | 0.30                              |
| Pomfret                                | 6             | 0            | 6               | 0.09                              |
| <b>Total</b>                           | <b>85</b>     | <b>57</b>    | <b>28</b>       | <b>1.22</b>                       |
| <b>Total PMUS</b>                      | <b>1,566</b>  | <b>1,489</b> | <b>77</b>       | <b>22.42</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>1,566</b>  | <b>1,489</b> | <b>77</b>       | <b>22.42</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               |  | 11      |
|-----------------|-----------------------------|--|--|---------|
| Time Period     | 1 July - 30 September, 2016 | Number of trips (partial or completed) |  | 47      |
| Set Types       | All Sets                    | Number of sets                         |  | 79      |
| Fishing Area    | Tutuila LVPA                | Number of hooks set                    |  | 148,210 |

  

| 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               | 0.03                              |
| Striped marlin                         | 3             | 1            | 2               | 0.02                              |
| Shortbill spearfish                    | 4             | 0            | 4               | 0.03                              |
| Swordfish                              | 2             | 2            | 0               | 0.01                              |
| Other billfishes                       | 7             | 2            | 5               | 0.05                              |
| <b>Total</b>                           | <b>20</b>     | <b>9</b>     | <b>11</b>       | <b>0.13</b>                       |
| <b>Shark PMUS</b>                      |               |              |                 |                                   |
| Blue shark                             | 39            | 0            | 39              | 0.26                              |
| Mako sharks                            | 5             | 0            | 5               | 0.03                              |
| Thresher sharks                        | 12            | 2            | 10              | 0.08                              |
| Oceanic whitetip shark                 | 12            | 0            | 12              | 0.08                              |
| Silky shark                            | 10            | 0            | 10              | 0.07                              |
| Other Sharks                           | 3             | 0            | 3               | 0.02                              |
| <b>Total</b>                           | <b>81</b>     | <b>2</b>     | <b>79</b>       | <b>0.55</b>                       |
| <b>Tuna PMUS</b>                       |               |              |                 |                                   |
| Albacore                               | 1,161         | 1,158        | 3               | 7.83                              |
| Bigeye tuna                            | 94            | 94           | 0               | 0.63                              |
| Yellowfin tuna                         | 800           | 791          | 9               | 5.40                              |
| Bluefin tuna                           | 0             | 0            | 0               | 0.00                              |
| Skipjack tuna                          | 529           | 404          | 125             | 3.57                              |
| Other tunas                            | 0             | 0            | 0               | 0.00                              |
| <b>Total</b>                           | <b>2,584</b>  | <b>2,447</b> | <b>137</b>      | <b>17.43</b>                      |
| <b>Other PMUS</b>                      |               |              |                 |                                   |
| Mahimahi                               | 36            | 36           | 0               | 0.24                              |
| Moonfish                               | 11            | 10           | 1               | 0.07                              |
| Wahoo                                  | 83            | 70           | 13              | 0.56                              |
| Oilfish                                | 100           | 0            | 100             | 0.67                              |
| Pomfret                                | 9             | 1            | 8               | 0.06                              |
| <b>Total</b>                           | <b>239</b>    | <b>117</b>   | <b>122</b>      | <b>1.61</b>                       |
| <b>Total PMUS</b>                      | <b>2,924</b>  | <b>2,575</b> | <b>349</b>      | <b>19.73</b>                      |
| <b>Total Non-PMUS</b>                  | <b>75</b>     | <b>0</b>     | <b>75</b>       | <b>0.51</b>                       |
| <b>Total All Species</b>               | <b>2,999</b>  | <b>2,575</b> | <b>424</b>      | <b>20.23</b>                      |