

**The American Samoa Longline Limited-entry Fishery  
Semi-annual Report  
1 July - 31 December, 2018<sup>1</sup>**

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This semi-annual report for the period 1 July - 31 December, 2018, contains summary data summaries of fishing effort and catch statistics as reported on longline log sheets for the American Samoa longline limited-entry fishery. Data in this report originate from the PIFSC Information Management System (Oracle) table LLDS\_REPORT\_STATS\_PRELIM\_AS, representing preliminary data received as of 07 September 2019. Catch and effort statistics are based on date of longline haul. When a statistic (number of vessels, trips) involves dates of haul in two 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 statistics are not additive (i.e., sum of four quarters is not the total for the year, etc.).

The following tables show fishery statistics for the stated time period, area, and set type, and includes effort (number of vessels, trips, sets, and hooks set), and for each listed species, organized by pelagic management unit species (PMUS) groups of billfish, shark, tuna, and other, the table includes the number of fish caught, kept, and released, and the catch per unit effort (CPUE), measured as the number of fish caught per 1,000 hooks.

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<sup>1</sup>PIFSC Data Report DR-19-053. Issued 12 Dec 2019  
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**Table 1.** American Samoa longline limited-entry fishery semi-annual statistics for all fishing areas and all fishing categories (set types), including effort (number of vessels, trips, sets, and hooks set), and for each listed species, organized by pelagic management unit species (PMUS) groups of billfish, shark, tuna, and other, along with the number of fish caught, kept, and released, and the catch per unit effort (CPUE, number per 1,000 hooks, calculated as the sum of fish caught divided by the sum of hooks set). Data Source: PIFSC Information Management System, Longline Logbook Data.

| Report Coverage |                            |  |           |  |
|-----------------|----------------------------|--|-----------|--|
| Time Period     | 1 July - 31 December, 2018 | Number of vessels active               | 13        |  |
| Set Types       | All Sets                   | Number of trips (partial or completed) | 118       |  |
| Fishing Area    | All Areas                  | Number of sets                         | 1,350     |  |
|                 |                            | Number of hooks set                    | 3,595,981 |  |

  

| Pelagic Management Unit Species (PMUS) | Number Caught | Number Kept   | Number Released | CPUE<br>Number Caught<br>per 1000 Hooks |
|--|---------------|---------------|-----------------|---|
| <b>PMUS</b>                            |               |               |                 |   |
| <b>Billfish PMUS</b>                   |               |               |                 |   |
| Blue marlin                            | 281           | 272           | 9               | 0.08                                    |
| Striped marlin                         | 37            | 33            | 4               | 0.01                                    |
| Shortbill spearfish                    | 96            | 38            | 58              | 0.03                                    |
| Swordfish                              | 96            | 80            | 16              | 0.03                                    |
| Other billfishes                       | 55            | 20            | 35              | 0.02                                    |
| <b>Total</b>                           | <b>565</b>    | <b>443</b>    | <b>122</b>      | <b>0.16</b>                             |
| <b>Shark PMUS</b>                      |               |               |                 |   |
| Blue shark                             | 1,427         | 0             | 1,427           | 0.40                                    |
| Mako sharks                            | 138           | 7             | 131             | 0.04                                    |
| Thresher sharks                        | 179           | 0             | 179             | 0.05                                    |
| Oceanic whitetip shark                 | 335           | 0             | 335             | 0.09                                    |
| Silky shark                            | 258           | 0             | 258             | 0.07                                    |
| <b>Total</b>                           | <b>2,337</b>  | <b>7</b>      | <b>2,330</b>    | <b>0.65</b>                             |
| <b>Tuna PMUS</b>                       |               |               |                 |   |
| Albacore                               | 51,616        | 51,290        | 326             | 14.35                                   |
| Bigeye tuna                            | 1,018         | 994           | 24              | 0.28                                    |
| Yellowfin tuna                         | 3,694         | 3,578         | 116             | 1.03                                    |
| Bluefin tuna                           | 5             | 5             | 0               | 0.00                                    |
| Skipjack tuna                          | 8,333         | 8,199         | 134             | 2.32                                    |
| Other tunas                            | 0             | 0             | 0               | 0.00                                    |
| <b>Total</b>                           | <b>64,666</b> | <b>64,066</b> | <b>600</b>      | <b>17.98</b>                            |
| <b>Other PMUS</b>                      |               |               |                 |   |
| Mahimahi                               | 377           | 372           | 5               | 0.10                                    |
| Moonfish                               | 25            | 18            | 7               | 0.01                                    |
| Wahoo                                  | 1,848         | 1,827         | 21              | 0.51                                    |
| Oilfish                                | 1,170         | 0             | 1,170           | 0.33                                    |
| Pomfret                                | 193           | 18            | 175             | 0.05                                    |
| <b>Total</b>                           | <b>3,613</b>  | <b>2,235</b>  | <b>1,378</b>    | <b>1.00</b>                             |
| <b>Total PMUS</b>                      | <b>71,181</b> | <b>66,751</b> | <b>4,430</b>    | <b>19.79</b>                            |
| Non-PMUS Sharks                        | 64            | 0             | 64              | 0.02                                    |
| <b>Total Non-PMUS</b>                  | <b>175</b>    | <b>63</b>     | <b>112</b>      | <b>0.05</b>                             |
| <b>Total All Species</b>               | <b>71,356</b> | <b>66,814</b> | <b>4,542</b>    | <b>19.84</b>                            |