

## **The Hawaii Limited-access Longline Logbook Summary Report 1 July to 30 September 2013<sup>1</sup>**

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The following tables represent effort, retained catch (kept) and discard as reported on longline log sheets for the Hawaii limited-access longline fishery. To satisfy confidentiality RFMO reporting standards, data from the California-based longline fishery is also included in this report. Catch-and-effort statistics are summarized from logbook data submitted to the PIFSC, FRMD and are based on date of longline haul. The statistics originate from an Oracle table LLDS\_REPORT\_STATS\_HICA database extraction done on 3 May 2016. 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).

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<sup>1</sup>PIFSC Data Report DR-16-023.  
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**Table 1.** Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, 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, 2013  
 Set Types All Sets  
 Fishing Area All Areas

|  |            |
|--|------------|
| Number of vessels active               | 123        |
| Number of trips (partial or completed) | 368        |
| Number of sets                         | 4,569      |
| Number of hooks set                    | 11,523,386 |

| 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                            | 935            | 921            | 14              | 0.08                              |
| Striped marlin                         | 1,514          | 1,500          | 14              | 0.13                              |
| Shortbill spearfish                    | 2,131          | 2,127          | 4               | 0.18                              |
| Swordfish                              | 1,387          | 1,081          | 306             | 0.12                              |
| Other billfishes                       | 59             | 49             | 10              | 0.01                              |
| <b>Total</b>                           | <b>6,026</b>   | <b>5,678</b>   | <b>348</b>      | <b>0.52</b>                       |
| <b>Shark PMUS</b>                      |                |                |                 |                                   |
| Blue shark                             | 11,504         | 1              | 11,503          | 1.00                              |
| Mako sharks                            | 564            | 118            | 446             | 0.05                              |
| Thresher sharks                        | 665            | 10             | 655             | 0.06                              |
| Oceanic whitetip shark                 | 84             | 2              | 82              | 0.01                              |
| Silky shark                            | 31             | 1              | 30              | 0.00                              |
| Other Sharks                           | 53             | 0              | 53              | 0.00                              |
| <b>Total</b>                           | <b>12,901</b>  | <b>132</b>     | <b>12,769</b>   | <b>1.12</b>                       |
| <b>Tuna PMUS</b>                       |                |                |                 |                                   |
| Albacore                               | 855            | 850            | 5               | 0.07                              |
| Bigeye tuna                            | 53,008         | 52,168         | 840             | 4.60                              |
| Yellowfin tuna                         | 2,253          | 2,225          | 28              | 0.20                              |
| Bluefin tuna                           | 0              | 0              | 0               | 0.00                              |
| Skipjack tuna                          | 1,929          | 1,911          | 18              | 0.17                              |
| Other tunas                            | 0              | 0              | 0               | 0.00                              |
| <b>Total</b>                           | <b>58,045</b>  | <b>57,154</b>  | <b>891</b>      | <b>5.04</b>                       |
| <b>Other PMUS</b>                      |                |                |                 |                                   |
| Mahimahi                               | 31,605         | 31,308         | 297             | 2.74                              |
| Moonfish                               | 9,507          | 9,445          | 62              | 0.83                              |
| Wahoo                                  | 2,304          | 2,293          | 11              | 0.20                              |
| Oilfish                                | 4,441          | 4,331          | 110             | 0.39                              |
| Pomfret                                | 17,882         | 17,805         | 77              | 1.55                              |
| <b>Total</b>                           | <b>65,739</b>  | <b>65,182</b>  | <b>557</b>      | <b>5.70</b>                       |
| <b>Total PMUS</b>                      | <b>142,711</b> | <b>128,146</b> | <b>14,565</b>   | <b>12.38</b>                      |
| <b>Total Non-PMUS</b>                  | <b>1,399</b>   | <b>566</b>     | <b>833</b>      | <b>0.12</b>                       |
| <b>Total All Species</b>               | <b>144,110</b> | <b>128,712</b> | <b>15,398</b>   | <b>12.51</b>                      |

**Table 2.** Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, 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               |  | 48      |
|-----------------|-----------------------------|--|--|---------|
| Time Period     | 1 July - 30 September, 2013 | Number of trips (partial or completed) |  | 67      |
| Set Types       | All Sets                    | Number of sets                         |  | 334     |
| Fishing Area    | Main Hawaiian Islands EEZ   | Number of hooks set                    |  | 807,128 |

  

| 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                            | 198           | 194          | 4               | 0.25                              |
| Striped marlin                         | 84            | 82           | 2               | 0.10                              |
| Shortbill spearfish                    | 201           | 200          | 1               | 0.25                              |
| Swordfish                              | 103           | 70           | 33              | 0.13                              |
| Other billfishes                       | 4             | 3            | 1               | 0.00                              |
| <b>Total</b>                           | <b>590</b>    | <b>549</b>   | <b>41</b>       | <b>0.73</b>                       |
| <b>Shark PMUS</b>                      |               |              |                 |                                   |
| Blue shark                             | 1,613         | 0            | 1,613           | 2.00                              |
| Mako sharks                            | 26            | 7            | 19              | 0.03                              |
| Thresher sharks                        | 34            | 3            | 31              | 0.04                              |
| Oceanic whitetip shark                 | 48            | 2            | 46              | 0.06                              |
| Silky shark                            | 14            | 1            | 13              | 0.02                              |
| Other Sharks                           | 7             | 0            | 7               | 0.01                              |
| <b>Total</b>                           | <b>1,742</b>  | <b>13</b>    | <b>1,729</b>    | <b>2.16</b>                       |
| <b>Tuna PMUS</b>                       |               |              |                 |                                   |
| Albacore                               | 218           | 218          | 0               | 0.27                              |
| Bigeye tuna                            | 988           | 956          | 32              | 1.22                              |
| Yellowfin tuna                         | 1,161         | 1,139        | 22              | 1.44                              |
| Bluefin tuna                           | 0             | 0            | 0               | 0.00                              |
| Skipjack tuna                          | 279           | 277          | 2               | 0.35                              |
| Other tunas                            | 0             | 0            | 0               | 0.00                              |
| <b>Total</b>                           | <b>2,646</b>  | <b>2,590</b> | <b>56</b>       | <b>3.28</b>                       |
| <b>Other PMUS</b>                      |               |              |                 |                                   |
| Mahimahi                               | 554           | 542          | 12              | 0.69                              |
| Moonfish                               | 212           | 211          | 1               | 0.26                              |
| Wahoo                                  | 479           | 476          | 3               | 0.59                              |
| Oilfish                                | 377           | 359          | 18              | 0.47                              |
| Pomfret                                | 661           | 655          | 6               | 0.82                              |
| <b>Total</b>                           | <b>2,283</b>  | <b>2,243</b> | <b>40</b>       | <b>2.83</b>                       |
| <b>Total PMUS</b>                      | <b>7,261</b>  | <b>5,395</b> | <b>1,866</b>    | <b>9.00</b>                       |
| <b>Total Non-PMUS</b>                  | <b>500</b>    | <b>497</b>   | <b>3</b>        | <b>0.62</b>                       |
| <b>Total All Species</b>               | <b>7,761</b>  | <b>5,892</b> | <b>1,869</b>    | <b>9.62</b>                       |

**Table 3.** Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, 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, 2013  
 Set Types All Sets  
 Fishing Area Northwestern Hawaiian Islands EEZ

|  |        |
|--|--------|
| Number of vessels active               | 6      |
| Number of trips (partial or completed) | 6      |
| Number of sets                         | 16     |
| Number of hooks set                    | 40,077 |

| 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                            | 5             | 5           | 0               | 0.12                              |
| Striped marlin                         | 10            | 10          | 0               | 0.25                              |
| Shortbill spearfish                    | 6             | 6           | 0               | 0.15                              |
| Swordfish                              | 1             | 1           | 0               | 0.02                              |
| Other billfishes                       | 0             | 0           | 0               | 0.00                              |
| <b>Total</b>                           | <b>22</b>     | <b>22</b>   | <b>0</b>        | <b>0.55</b>                       |
| <b>Shark PMUS</b>                      |               |             |                 |                                   |
| Blue shark                             | 70            | 0           | 70              | 1.75                              |
| Mako sharks                            | 2             | 0           | 2               | 0.05                              |
| Thresher sharks                        | 0             | 0           | 0               | 0.00                              |
| Oceanic whitetip shark                 | 6             | 0           | 6               | 0.15                              |
| Silky shark                            | 0             | 0           | 0               | 0.00                              |
| Other Sharks                           | 0             | 0           | 0               | 0.00                              |
| <b>Total</b>                           | <b>78</b>     | <b>0</b>    | <b>78</b>       | <b>1.95</b>                       |
| <b>Tuna PMUS</b>                       |               |             |                 |                                   |
| Albacore                               | 30            | 30          | 0               | 0.75                              |
| Bigeye tuna                            | 57            | 57          | 0               | 1.42                              |
| Yellowfin tuna                         | 28            | 28          | 0               | 0.70                              |
| Bluefin tuna                           | 0             | 0           | 0               | 0.00                              |
| Skipjack tuna                          | 25            | 25          | 0               | 0.62                              |
| Other tunas                            | 0             | 0           | 0               | 0.00                              |
| <b>Total</b>                           | <b>140</b>    | <b>140</b>  | <b>0</b>        | <b>3.49</b>                       |
| <b>Other PMUS</b>                      |               |             |                 |                                   |
| Mahimahi                               | 4             | 4           | 0               | 0.10                              |
| Moonfish                               | 16            | 16          | 0               | 0.40                              |
| Wahoo                                  | 18            | 18          | 0               | 0.45                              |
| Oilfish                                | 8             | 8           | 0               | 0.20                              |
| Pomfret                                | 13            | 13          | 0               | 0.32                              |
| <b>Total</b>                           | <b>59</b>     | <b>59</b>   | <b>0</b>        | <b>1.47</b>                       |
| <b>Total PMUS</b>                      | <b>299</b>    | <b>221</b>  | <b>78</b>       | <b>7.46</b>                       |
| <b>Total Non-PMUS</b>                  | <b>9</b>      | <b>9</b>    | <b>0</b>        | <b>0.22</b>                       |
| <b>Total All Species</b>               | <b>308</b>    | <b>230</b>  | <b>78</b>       | <b>7.69</b>                       |

**Table 4.** Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, 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, 2013            | Number of vessels active               | 3      |  |
| Set Types       | All Sets                               | Number of trips (partial or completed) | 3      |  |
| Fishing Area    | Pacific Remote Island Areas (PRIA) EEZ | Number of sets                         | 5      |  |
|                 |  | Number of hooks set                    | 13,428 |  |

  

| 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               | 0.30                              |
| Striped marlin                         | 2             | 2           | 0               | 0.15                              |
| Shortbill spearfish                    | 2             | 2           | 0               | 0.15                              |
| Swordfish                              | 1             | 1           | 0               | 0.07                              |
| Other billfishes                       | 0             | 0           | 0               | 0.00                              |
| <b>Total</b>                           | <b>9</b>      | <b>9</b>    | <b>0</b>        | <b>0.67</b>                       |
| <b>Shark PMUS</b>                      |               |             |                 |                                   |
| Blue shark                             | 34            | 0           | 34              | 2.53                              |
| Mako sharks                            | 0             | 0           | 0               | 0.00                              |
| Thresher sharks                        | 8             | 0           | 8               | 0.60                              |
| Oceanic whitetip shark                 | 0             | 0           | 0               | 0.00                              |
| Silky shark                            | 0             | 0           | 0               | 0.00                              |
| Other Sharks                           | 0             | 0           | 0               | 0.00                              |
| <b>Total</b>                           | <b>42</b>     | <b>0</b>    | <b>42</b>       | <b>3.13</b>                       |
| <b>Tuna PMUS</b>                       |               |             |                 |                                   |
| Albacore                               | 14            | 14          | 0               | 1.04                              |
| Bigeye tuna                            | 45            | 45          | 0               | 3.35                              |
| Yellowfin tuna                         | 4             | 4           | 0               | 0.30                              |
| Bluefin tuna                           | 0             | 0           | 0               | 0.00                              |
| Skipjack tuna                          | 7             | 7           | 0               | 0.52                              |
| Other tunas                            | 0             | 0           | 0               | 0.00                              |
| <b>Total</b>                           | <b>70</b>     | <b>70</b>   | <b>0</b>        | <b>5.21</b>                       |
| <b>Other PMUS</b>                      |               |             |                 |                                   |
| Mahimahi                               | 4             | 4           | 0               | 0.30                              |
| Moonfish                               | 5             | 5           | 0               | 0.37                              |
| Wahoo                                  | 6             | 6           | 0               | 0.45                              |
| Oilfish                                | 6             | 6           | 0               | 0.45                              |
| Pomfret                                | 16            | 16          | 0               | 1.19                              |
| <b>Total</b>                           | <b>37</b>     | <b>37</b>   | <b>0</b>        | <b>2.76</b>                       |
| <b>Total PMUS</b>                      | <b>158</b>    | <b>116</b>  | <b>42</b>       | <b>11.77</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>158</b>    | <b>116</b>  | <b>42</b>       | <b>11.77</b>                      |

**Table 5.** Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, 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               |  | 50      |
|-----------------|---------------------------------|--|--|---------|
| Time Period     | 1 July - 30 September, 2013     | Number of trips (partial or completed) |  | 69      |
| Set Types       | All Sets                        | Number of sets                         |  | 355     |
| Fishing Area    | Hawaiian Islands EEZ + PRIA EEZ | Number of hooks set                    |  | 860,633 |

  

| 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                            | 207           | 203          | 4               | 0.24                              |
| Striped marlin                         | 96            | 94           | 2               | 0.11                              |
| Shortbill spearfish                    | 209           | 208          | 1               | 0.24                              |
| Swordfish                              | 105           | 72           | 33              | 0.12                              |
| Other billfishes                       | 4             | 3            | 1               | 0.00                              |
| <b>Total</b>                           | <b>621</b>    | <b>580</b>   | <b>41</b>       | <b>0.72</b>                       |
| <b>Shark PMUS</b>                      |               |              |                 |                                   |
| Blue shark                             | 1,717         | 0            | 1,717           | 2.00                              |
| Mako sharks                            | 28            | 7            | 21              | 0.03                              |
| Thresher sharks                        | 42            | 3            | 39              | 0.05                              |
| Oceanic whitetip shark                 | 54            | 2            | 52              | 0.06                              |
| Silky shark                            | 14            | 1            | 13              | 0.02                              |
| Other Sharks                           | 7             | 0            | 7               | 0.01                              |
| <b>Total</b>                           | <b>1,862</b>  | <b>13</b>    | <b>1,849</b>    | <b>2.16</b>                       |
| <b>Tuna PMUS</b>                       |               |              |                 |                                   |
| Albacore                               | 262           | 262          | 0               | 0.30                              |
| Bigeye tuna                            | 1,090         | 1,058        | 32              | 1.27                              |
| Yellowfin tuna                         | 1,193         | 1,171        | 22              | 1.39                              |
| Bluefin tuna                           | 0             | 0            | 0               | 0.00                              |
| Skipjack tuna                          | 311           | 309          | 2               | 0.36                              |
| Other tunas                            | 0             | 0            | 0               | 0.00                              |
| <b>Total</b>                           | <b>2,856</b>  | <b>2,800</b> | <b>56</b>       | <b>3.32</b>                       |
| <b>Other PMUS</b>                      |               |              |                 |                                   |
| Mahimahi                               | 562           | 550          | 12              | 0.65                              |
| Moonfish                               | 233           | 232          | 1               | 0.27                              |
| Wahoo                                  | 503           | 500          | 3               | 0.58                              |
| Oilfish                                | 391           | 373          | 18              | 0.45                              |
| Pomfret                                | 690           | 684          | 6               | 0.80                              |
| <b>Total</b>                           | <b>2,379</b>  | <b>2,339</b> | <b>40</b>       | <b>2.76</b>                       |
| <b>Total PMUS</b>                      | <b>7,718</b>  | <b>5,732</b> | <b>1,986</b>    | <b>8.97</b>                       |
| <b>Total Non-PMUS</b>                  | <b>509</b>    | <b>506</b>   | <b>3</b>        | <b>0.59</b>                       |
| <b>Total All Species</b>               | <b>8,227</b>  | <b>6,238</b> | <b>1,989</b>    | <b>9.56</b>                       |

**Table 6.** Quarterly summary report of fishing effort and catch statistics for U.S. longline vessels based in Hawaii and California, 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               |            |
|-----------------|-----------------------------|--|------------|
| Time Period     | 1 July - 30 September, 2013 |  | 121        |
| Set Types       | All Sets                    | Number of trips (partial or completed) | 346        |
| Fishing Area    | Outside U.S. EEZ            | Number of sets                         | 4,214      |
|                 |                             | Number of hooks set                    | 10,662,753 |

  

| 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                            | 728            | 718            | 10              | 0.07                              |
| Striped marlin                         | 1,418          | 1,406          | 12              | 0.13                              |
| Shortbill spearfish                    | 1,922          | 1,919          | 3               | 0.18                              |
| Swordfish                              | 1,282          | 1,009          | 273             | 0.12                              |
| Other billfishes                       | 55             | 46             | 9               | 0.01                              |
| <b>Total</b>                           | <b>5,405</b>   | <b>5,098</b>   | <b>307</b>      | <b>0.51</b>                       |
| <b>Shark PMUS</b>                      |                |                |                 |                                   |
| Blue shark                             | 9,787          | 1              | 9,786           | 0.92                              |
| Mako sharks                            | 536            | 111            | 425             | 0.05                              |
| Thresher sharks                        | 623            | 7              | 616             | 0.06                              |
| Oceanic whitetip shark                 | 30             | 0              | 30              | 0.00                              |
| Silky shark                            | 17             | 0              | 17              | 0.00                              |
| Other Sharks                           | 46             | 0              | 46              | 0.00                              |
| <b>Total</b>                           | <b>11,039</b>  | <b>119</b>     | <b>10,920</b>   | <b>1.04</b>                       |
| <b>Tuna PMUS</b>                       |                |                |                 |                                   |
| Albacore                               | 593            | 588            | 5               | 0.06                              |
| Bigeye tuna                            | 51,918         | 51,110         | 808             | 4.87                              |
| Yellowfin tuna                         | 1,060          | 1,054          | 6               | 0.10                              |
| Bluefin tuna                           | 0              | 0              | 0               | 0.00                              |
| Skipjack tuna                          | 1,618          | 1,602          | 16              | 0.15                              |
| Other tunas                            | 0              | 0              | 0               | 0.00                              |
| <b>Total</b>                           | <b>55,189</b>  | <b>54,354</b>  | <b>835</b>      | <b>5.18</b>                       |
| <b>Other PMUS</b>                      |                |                |                 |                                   |
| Mahimahi                               | 31,043         | 30,758         | 285             | 2.91                              |
| Moonfish                               | 9,274          | 9,213          | 61              | 0.87                              |
| Wahoo                                  | 1,801          | 1,793          | 8               | 0.17                              |
| Oilfish                                | 4,050          | 3,958          | 92              | 0.38                              |
| Pomfret                                | 17,192         | 17,121         | 71              | 1.61                              |
| <b>Total</b>                           | <b>63,360</b>  | <b>62,843</b>  | <b>517</b>      | <b>5.94</b>                       |
| <b>Total PMUS</b>                      | <b>134,993</b> | <b>122,414</b> | <b>12,579</b>   | <b>12.66</b>                      |
| <b>Total Non-PMUS</b>                  | <b>890</b>     | <b>60</b>      | <b>830</b>      | <b>0.08</b>                       |
| <b>Total All Species</b>               | <b>135,883</b> | <b>122,474</b> | <b>13,409</b>   | <b>12.74</b>                      |