

## **The Hawaii Limited-access Longline Logbook Summary Report 1 October to 31 December 2013<sup>1</sup>**

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

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).

---

<sup>1</sup>PIFSC Data Report DR-16-024.  
Issued 25 July 2016.

**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		Number of vessels active		
Time Period	1 October - 31 December, 2013	130		
Set Types	All Sets	Number of trips (partial or completed) 420		
Fishing Area	All Areas	Number of sets 5,350		
		Number of hooks set 13,279,001		

  

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	1,155	1,143	12	0.09
Striped marlin	7,083	7,025	58	0.53
Shortbill spearfish	5,739	5,701	38	0.43
Swordfish	3,631	3,017	614	0.27
Other billfishes	221	218	3	0.02
<b>Total</b>	<b>17,829</b>	<b>17,104</b>	<b>725</b>	<b>1.34</b>
<b>Shark PMUS</b>				
Blue shark	19,406	20	19,386	1.46
Mako sharks	1,194	129	1,065	0.09
Thresher sharks	947	14	933	0.07
Oceanic whitetip shark	61	0	61	0.00
Silky shark	2	0	2	0.00
Other Sharks	206	2	204	0.02
<b>Total</b>	<b>21,816</b>	<b>165</b>	<b>21,651</b>	<b>1.64</b>
<b>Tuna PMUS</b>				
Albacore	1,859	1,844	15	0.14
Bigeye tuna	67,226	65,705	1,521	5.06
Yellowfin tuna	5,546	5,473	73	0.42
Bluefin tuna	5	5	0	0.00
Skipjack tuna	7,338	7,251	87	0.55
Other tunas	16	2	14	0.00
<b>Total</b>	<b>81,990</b>	<b>80,280</b>	<b>1,710</b>	<b>6.17</b>
<b>Other PMUS</b>				
Mahimahi	20,168	20,042	126	1.52
Moonfish	4,471	4,383	88	0.34
Wahoo	3,149	3,131	18	0.24
Oilfish	10,819	10,337	482	0.81
Pomfret	13,530	13,337	193	1.02
<b>Total</b>	<b>52,137</b>	<b>51,230</b>	<b>907</b>	<b>3.93</b>
<b>Total PMUS</b>	<b>173,772</b>	<b>148,779</b>	<b>24,993</b>	<b>13.09</b>
<b>Total Non-PMUS</b>	<b>1,398</b>	<b>89</b>	<b>1,309</b>	<b>0.11</b>
<b>Total All Species</b>	<b>175,170</b>	<b>148,868</b>	<b>26,302</b>	<b>13.19</b>

**Table 2.** Quarterly summary report of fishing catch-and-effort 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 October - 31 December, 2013  
 Set Types All Sets  
 Fishing Area Main Hawaiian Islands EEZ

Number of vessels active	110
Number of trips (partial or completed)	266
Number of sets	2,053
Number of hooks set	5,157,625

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	466	455	11	0.09
Striped marlin	3,010	2,973	37	0.58
Shortbill spearfish	1,854	1,843	11	0.36
Swordfish	398	231	167	0.08
Other billfishes	112	110	2	0.02
<b>Total</b>	<b>5,840</b>	<b>5,612</b>	<b>228</b>	<b>1.13</b>
<b>Shark PMUS</b>				
Blue shark	7,513	20	7,493	1.46
Mako sharks	243	41	202	0.05
Thresher sharks	364	7	357	0.07
Oceanic whitetip shark	45	0	45	0.01
Silky shark	1	0	1	0.00
Other Sharks	92	1	91	0.02
<b>Total</b>	<b>8,258</b>	<b>69</b>	<b>8,189</b>	<b>1.60</b>
<b>Tuna PMUS</b>				
Albacore	299	298	1	0.06
Bigeye tuna	23,725	23,379	346	4.60
Yellowfin tuna	1,583	1,555	28	0.31
Bluefin tuna	0	0	0	0.00
Skipjack tuna	2,541	2,508	33	0.49
Other tunas	2	2	0	0.00
<b>Total</b>	<b>28,150</b>	<b>27,742</b>	<b>408</b>	<b>5.46</b>
<b>Other PMUS</b>				
Mahimahi	9,253	9,215	38	1.79
Moonfish	1,087	1,083	4	0.21
Wahoo	975	972	3	0.19
Oilfish	4,539	4,403	136	0.88
Pomfret	4,559	4,503	56	0.88
<b>Total</b>	<b>20,413</b>	<b>20,176</b>	<b>237</b>	<b>3.96</b>
<b>Total PMUS</b>	<b>62,661</b>	<b>53,599</b>	<b>9,062</b>	<b>12.15</b>
<b>Total Non-PMUS</b>	<b>664</b>	<b>34</b>	<b>630</b>	<b>0.13</b>
<b>Total All Species</b>	<b>63,325</b>	<b>53,633</b>	<b>9,692</b>	<b>12.28</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		Number of vessels active			69
Time Period	1 October - 31 December, 2013	Number of trips (partial or completed)			95
Set Types	All Sets	Number of sets			824
Fishing Area	Northwestern Hawaiian Islands EEZ	Number of hooks set			2,042,748

  

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	199	199	0	0.10
Striped marlin	1,282	1,273	9	0.63
Shortbill spearfish	1,197	1,191	6	0.59
Swordfish	74	65	9	0.04
Other billfishes	53	53	0	0.03
<b>Total</b>	<b>2,805</b>	<b>2,781</b>	<b>24</b>	<b>1.37</b>
<b>Shark PMUS</b>				
Blue shark	5,081	0	5,081	2.49
Mako sharks	129	10	119	0.06
Thresher sharks	214	4	210	0.10
Oceanic whitetip shark	8	0	8	0.00
Silky shark	1	0	1	0.00
Other Sharks	37	0	37	0.02
<b>Total</b>	<b>5,470</b>	<b>14</b>	<b>5,456</b>	<b>2.68</b>
<b>Tuna PMUS</b>				
Albacore	751	751	0	0.37
Bigeye tuna	11,422	11,050	372	5.59
Yellowfin tuna	1,585	1,553	32	0.78
Bluefin tuna	0	0	0	0.00
Skipjack tuna	1,575	1,568	7	0.77
Other tunas	0	0	0	0.00
<b>Total</b>	<b>15,333</b>	<b>14,922</b>	<b>411</b>	<b>7.51</b>
<b>Other PMUS</b>				
Mahimahi	1,171	1,166	5	0.57
Moonfish	441	441	0	0.22
Wahoo	387	386	1	0.19
Oilfish	1,558	1,535	23	0.76
Pomfret	1,644	1,622	22	0.80
<b>Total</b>	<b>5,201</b>	<b>5,150</b>	<b>51</b>	<b>2.55</b>
<b>Total PMUS</b>	<b>28,809</b>	<b>22,867</b>	<b>5,942</b>	<b>14.10</b>
<b>Total Non-PMUS</b>	<b>25</b>	<b>22</b>	<b>3</b>	<b>0.01</b>
<b>Total All Species</b>	<b>28,834</b>	<b>22,889</b>	<b>5,945</b>	<b>14.12</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 October - 31 December, 2013	Number of vessels active	10
Set Types	All Sets	Number of trips (partial or completed)	11
Fishing Area	Pacific Remote Island Areas (PRIA) EEZ	Number of sets	24
		Number of hooks set	56,904

  

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	12	12	0	0.21
Striped marlin	22	22	0	0.39
Shortbill spearfish	66	66	0	1.16
Swordfish	3	3	0	0.05
Other billfishes	0	0	0	0.00
<b>Total</b>	<b>103</b>	<b>103</b>	<b>0</b>	<b>1.81</b>
<b>Shark PMUS</b>				
Blue shark	183	0	183	3.22
Mako sharks	0	0	0	0.00
Thresher sharks	2	0	2	0.04
Oceanic whitetip shark	0	0	0	0.00
Silky shark	0	0	0	0.00
Other Sharks	1	0	1	0.02
<b>Total</b>	<b>186</b>	<b>0</b>	<b>186</b>	<b>3.27</b>
<b>Tuna PMUS</b>				
Albacore	144	144	0	2.53
Bigeye tuna	303	299	4	5.32
Yellowfin tuna	52	52	0	0.91
Bluefin tuna	0	0	0	0.00
Skipjack tuna	64	64	0	1.12
Other tunas	0	0	0	0.00
<b>Total</b>	<b>563</b>	<b>559</b>	<b>4</b>	<b>9.89</b>
<b>Other PMUS</b>				
Mahimahi	45	45	0	0.79
Moonfish	15	15	0	0.26
Wahoo	35	35	0	0.62
Oilfish	25	25	0	0.44
Pomfret	28	26	2	0.49
<b>Total</b>	<b>148</b>	<b>146</b>	<b>2</b>	<b>2.60</b>
<b>Total PMUS</b>	<b>1,000</b>	<b>808</b>	<b>192</b>	<b>17.57</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>1,000</b>	<b>808</b>	<b>192</b>	<b>17.57</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**

Time Period 1 October - 31 December, 2013  
 Set Types All Sets  
 Fishing Area Hawaiian Islands EEZ + PRIA EEZ

Number of vessels active	121
Number of trips (partial or completed)	318
Number of sets	2,901
Number of hooks set	7,257,277

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	677	666	11	0.09
Striped marlin	4,314	4,268	46	0.59
Shortbill spearfish	3,117	3,100	17	0.43
Swordfish	475	299	176	0.07
Other billfishes	165	163	2	0.02
<b>Total</b>	<b>8,748</b>	<b>8,496</b>	<b>252</b>	<b>1.21</b>
<b>Shark PMUS</b>				
Blue shark	12,777	20	12,757	1.76
Mako sharks	372	51	321	0.05
Thresher sharks	580	11	569	0.08
Oceanic whitetip shark	53	0	53	0.01
Silky shark	2	0	2	0.00
Other Sharks	130	1	129	0.02
<b>Total</b>	<b>13,914</b>	<b>83</b>	<b>13,831</b>	<b>1.92</b>
<b>Tuna PMUS</b>				
Albacore	1,194	1,193	1	0.16
Bigeye tuna	35,450	34,728	722	4.88
Yellowfin tuna	3,220	3,160	60	0.44
Bluefin tuna	0	0	0	0.00
Skipjack tuna	4,180	4,140	40	0.58
Other tunas	2	2	0	0.00
<b>Total</b>	<b>44,046</b>	<b>43,223</b>	<b>823</b>	<b>6.07</b>
<b>Other PMUS</b>				
Mahimahi	10,469	10,426	43	1.44
Moonfish	1,543	1,539	4	0.21
Wahoo	1,397	1,393	4	0.19
Oilfish	6,122	5,963	159	0.84
Pomfret	6,231	6,151	80	0.86
<b>Total</b>	<b>25,762</b>	<b>25,472</b>	<b>290</b>	<b>3.55</b>
<b>Total PMUS</b>	<b>92,470</b>	<b>77,274</b>	<b>15,196</b>	<b>12.74</b>
<b>Total Non-PMUS</b>	<b>689</b>	<b>56</b>	<b>633</b>	<b>0.09</b>
<b>Total All Species</b>	<b>93,159</b>	<b>77,330</b>	<b>15,829</b>	<b>12.84</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 October - 31 December, 2013	119		
Set Types	All Sets	Number of trips (partial or completed) 293		
Fishing Area	Outside U.S. EEZ	Number of sets 2,449		
		Number of hooks set 6,021,724		

  

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	478	477	1	0.08
Striped marlin	2,769	2,757	12	0.46
Shortbill spearfish	2,622	2,601	21	0.44
Swordfish	3,156	2,718	438	0.52
Other billfishes	56	55	1	0.01
<b>Total</b>	<b>9,081</b>	<b>8,608</b>	<b>473</b>	<b>1.51</b>
<b>Shark PMUS</b>				
Blue shark	6,629	0	6,629	1.10
Mako sharks	822	78	744	0.14
Thresher sharks	367	3	364	0.06
Oceanic whitetip shark	8	0	8	0.00
Silky shark	0	0	0	0.00
Other Sharks	76	1	75	0.01
<b>Total</b>	<b>7,902</b>	<b>82</b>	<b>7,820</b>	<b>1.31</b>
<b>Tuna PMUS</b>				
Albacore	665	651	14	0.11
Bigeye tuna	31,776	30,977	799	5.28
Yellowfin tuna	2,326	2,313	13	0.39
Bluefin tuna	5	5	0	0.00
Skipjack tuna	3,158	3,111	47	0.52
Other tunas	14	0	14	0.00
<b>Total</b>	<b>37,944</b>	<b>37,057</b>	<b>887</b>	<b>6.30</b>
<b>Other PMUS</b>				
Mahimahi	9,699	9,616	83	1.61
Moonfish	2,928	2,844	84	0.49
Wahoo	1,752	1,738	14	0.29
Oilfish	4,697	4,374	323	0.78
Pomfret	7,299	7,186	113	1.21
<b>Total</b>	<b>26,375</b>	<b>25,758</b>	<b>617</b>	<b>4.38</b>
<b>Total PMUS</b>	<b>81,302</b>	<b>71,505</b>	<b>9,797</b>	<b>13.50</b>
<b>Total Non-PMUS</b>	<b>709</b>	<b>33</b>	<b>676</b>	<b>0.12</b>
<b>Total All Species</b>	<b>82,011</b>	<b>71,538</b>	<b>10,473</b>	<b>13.62</b>