

## **The Hawaii Limited-access Longline Logbook Summary Report 1 April to 30 June 2015<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. Effort and catch 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-16-034.  
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**

Time Period 1 April - 30 June, 2015  
 Set Types All Sets  
 Fishing Area All Areas

Number of vessels active	139
Number of trips (partial or completed)	429
Number of sets	5,114
Number of hooks set	12,659,872

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	3,189	3,166	23	0.25
Striped marlin	2,970	2,946	24	0.23
Shortbill spearfish	4,492	4,429	63	0.35
Swordfish	5,885	5,496	389	0.46
Other billfishes	189	189	0	0.01
<b>Total</b>	<b>16,725</b>	<b>16,226</b>	<b>499</b>	<b>1.32</b>
<b>Shark PMUS</b>				
Blue shark	17,041	0	17,041	1.35
Mako sharks	1,157	150	1,007	0.09
Thresher sharks	7,045	23	7,022	0.56
Oceanic whitetip shark	533	1	532	0.04
Silky shark	109	0	109	0.01
Other Sharks	143	0	143	0.01
<b>Total</b>	<b>26,028</b>	<b>174</b>	<b>25,854</b>	<b>2.06</b>
<b>Tuna PMUS</b>				
Albacore	4,789	4,777	12	0.38
Bigeye tuna	52,253	51,654	599	4.13
Yellowfin tuna	5,148	5,082	66	0.41
Bluefin tuna	2	2	0	0.00
Skipjack tuna	7,055	6,848	207	0.56
Other tunas	1	1	0	0.00
<b>Total</b>	<b>69,248</b>	<b>68,364</b>	<b>884</b>	<b>5.47</b>
<b>Other PMUS</b>				
Mahimahi	8,049	7,938	111	0.64
Moonfish	5,743	5,727	16	0.45
Wahoo	10,014	9,984	30	0.79
Oilfish	8,435	7,647	788	0.67
Pomfret	36,541	36,384	157	2.89
<b>Total</b>	<b>68,782</b>	<b>67,680</b>	<b>1,102</b>	<b>5.43</b>
<b>Total PMUS</b>	<b>180,783</b>	<b>152,444</b>	<b>28,339</b>	<b>14.28</b>
<b>Total Non-PMUS</b>	<b>1,028</b>	<b>489</b>	<b>539</b>	<b>0.08</b>
<b>Total All Species</b>	<b>181,811</b>	<b>152,933</b>	<b>28,878</b>	<b>14.36</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		106
Time Period	1 April - 30 June, 2015	Number of trips (partial or completed)		201
Set Types	All Sets	Number of sets		1,178
Fishing Area	Hawaiian Islands EEZ + PRIA EEZ	Number of hooks set		2,761,063

  

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	895	885	10	0.32
Striped marlin	1,007	1,000	7	0.36
Shortbill spearfish	1,516	1,499	17	0.55
Swordfish	2,236	2,077	159	0.81
Other billfishes	39	39	0	0.01
<b>Total</b>	<b>5,693</b>	<b>5,500</b>	<b>193</b>	<b>2.06</b>
<b>Shark PMUS</b>				
Blue shark	4,578	0	4,578	1.66
Mako sharks	305	63	242	0.11
Thresher sharks	1,073	9	1,064	0.39
Oceanic whitetip shark	350	1	349	0.13
Silky shark	102	0	102	0.04
Other Sharks	68	0	68	0.02
<b>Total</b>	<b>6,476</b>	<b>73</b>	<b>6,403</b>	<b>2.35</b>
<b>Tuna PMUS</b>				
Albacore	919	917	2	0.33
Bigeye tuna	7,895	7,778	117	2.86
Yellowfin tuna	1,624	1,598	26	0.59
Bluefin tuna	0	0	0	0.00
Skipjack tuna	2,903	2,781	122	1.05
Other tunas	0	0	0	0.00
<b>Total</b>	<b>13,341</b>	<b>13,074</b>	<b>267</b>	<b>4.83</b>
<b>Other PMUS</b>				
Mahimahi	2,066	2,009	57	0.75
Moonfish	607	607	0	0.22
Wahoo	2,729	2,717	12	0.99
Oilfish	1,907	1,635	272	0.69
Pomfret	6,453	6,380	73	2.34
<b>Total</b>	<b>13,762</b>	<b>13,348</b>	<b>414</b>	<b>4.98</b>
<b>Total PMUS</b>	<b>39,272</b>	<b>31,995</b>	<b>7,277</b>	<b>14.22</b>
<b>Total Non-PMUS</b>	<b>487</b>	<b>277</b>	<b>210</b>	<b>0.18</b>
<b>Total All Species</b>	<b>39,759</b>	<b>32,272</b>	<b>7,487</b>	<b>14.40</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 April - 30 June, 2015  
 Set Types All Sets  
 Fishing Area Outside U.S. EEZ

Number of vessels active	138
Number of trips (partial or completed)	385
Number of sets	3,936
Number of hooks set	9,898,809

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	2,294	2,281	13	0.23
Striped marlin	1,963	1,946	17	0.20
Shortbill spearfish	2,976	2,930	46	0.30
Swordfish	3,649	3,419	230	0.37
Other billfishes	150	150	0	0.02
<b>Total</b>	<b>11,032</b>	<b>10,726</b>	<b>306</b>	<b>1.11</b>
<b>Shark PMUS</b>				
Blue shark	12,463	0	12,463	1.26
Mako sharks	852	87	765	0.09
Thresher sharks	5,972	14	5,958	0.60
Oceanic whitetip shark	183	0	183	0.02
Silky shark	7	0	7	0.00
Other Sharks	75	0	75	0.01
<b>Total</b>	<b>19,552</b>	<b>101</b>	<b>19,451</b>	<b>1.98</b>
<b>Tuna PMUS</b>				
Albacore	3,870	3,860	10	0.39
Bigeye tuna	44,358	43,876	482	4.48
Yellowfin tuna	3,524	3,484	40	0.36
Bluefin tuna	2	2	0	0.00
Skipjack tuna	4,152	4,067	85	0.42
Other tunas	1	1	0	0.00
<b>Total</b>	<b>55,907</b>	<b>55,290</b>	<b>617</b>	<b>5.65</b>
<b>Other PMUS</b>				
Mahimahi	5,983	5,929	54	0.60
Moonfish	5,136	5,120	16	0.52
Wahoo	7,285	7,267	18	0.74
Oilfish	6,528	6,012	516	0.66
Pomfret	30,088	30,004	84	3.04
<b>Total</b>	<b>55,020</b>	<b>54,332</b>	<b>688</b>	<b>5.56</b>
<b>Total PMUS</b>	<b>141,511</b>	<b>120,449</b>	<b>21,062</b>	<b>14.30</b>
<b>Total Non-PMUS</b>	<b>541</b>	<b>212</b>	<b>329</b>	<b>0.05</b>
<b>Total All Species</b>	<b>142,052</b>	<b>120,661</b>	<b>21,391</b>	<b>14.35</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 April - 30 June, 2015  
 Set Types Shallow sets  
 Fishing Area All Areas

Number of vessels active	16
Number of trips (partial or completed)	25
Number of sets	301
Number of hooks set	327,827

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	28	28	0	0.09
Striped marlin	163	160	3	0.50
Shortbill spearfish	51	47	4	0.16
Swordfish	3,532	3,178	354	10.77
Other billfishes	5	5	0	0.02
<b>Total</b>	<b>3,779</b>	<b>3,418</b>	<b>361</b>	<b>11.53</b>
<b>Shark PMUS</b>				
Blue shark	2,400	0	2,400	7.32
Mako sharks	272	48	224	0.83
Thresher sharks	22	0	22	0.07
Oceanic whitetip shark	7	0	7	0.02
Silky shark	0	0	0	0.00
Other Sharks	0	0	0	0.00
<b>Total</b>	<b>2,701</b>	<b>48</b>	<b>2,653</b>	<b>8.24</b>
<b>Tuna PMUS</b>				
Albacore	22	22	0	0.07
Bigeye tuna	213	208	5	0.65
Yellowfin tuna	54	52	2	0.16
Bluefin tuna	0	0	0	0.00
Skipjack tuna	15	15	0	0.05
Other tunas	0	0	0	0.00
<b>Total</b>	<b>304</b>	<b>297</b>	<b>7</b>	<b>0.93</b>
<b>Other PMUS</b>				
Mahimahi	1,194	1,171	23	3.64
Moonfish	34	32	2	0.10
Wahoo	8	7	1	0.02
Oilfish	300	248	52	0.92
Pomfret	13	12	1	0.04
<b>Total</b>	<b>1,549</b>	<b>1,470</b>	<b>79</b>	<b>4.73</b>
<b>Total PMUS</b>	<b>8,333</b>	<b>5,233</b>	<b>3,100</b>	<b>25.42</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>8,333</b>	<b>5,233</b>	<b>3,100</b>	<b>25.42</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 April - 30 June, 2015  
 Set Types Deep sets  
 Fishing Area All Areas

Number of vessels active	139
Number of trips (partial or completed)	404
Number of sets	4,813
Number of hooks set	12,332,045

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	3,161	3,138	23	0.26
Striped marlin	2,807	2,786	21	0.23
Shortbill spearfish	4,441	4,382	59	0.36
Swordfish	2,353	2,318	35	0.19
Other billfishes	184	184	0	0.01
<b>Total</b>	<b>12,946</b>	<b>12,808</b>	<b>138</b>	<b>1.05</b>
<b>Shark PMUS</b>				
Blue shark	14,641	0	14,641	1.19
Mako sharks	885	102	783	0.07
Thresher sharks	7,023	23	7,000	0.57
Oceanic whitetip shark	526	1	525	0.04
Silky shark	109	0	109	0.01
Other Sharks	143	0	143	0.01
<b>Total</b>	<b>23,327</b>	<b>126</b>	<b>23,201</b>	<b>1.89</b>
<b>Tuna PMUS</b>				
Albacore	4,767	4,755	12	0.39
Bigeye tuna	52,040	51,446	594	4.22
Yellowfin tuna	5,094	5,030	64	0.41
Bluefin tuna	2	2	0	0.00
Skipjack tuna	7,040	6,833	207	0.57
Other tunas	1	1	0	0.00
<b>Total</b>	<b>68,944</b>	<b>68,067</b>	<b>877</b>	<b>5.59</b>
<b>Other PMUS</b>				
Mahimahi	6,855	6,767	88	0.56
Moonfish	5,709	5,695	14	0.46
Wahoo	10,006	9,977	29	0.81
Oilfish	8,135	7,399	736	0.66
Pomfret	36,528	36,372	156	2.96
<b>Total</b>	<b>67,233</b>	<b>66,210</b>	<b>1,023</b>	<b>5.45</b>
<b>Total PMUS</b>	<b>172,450</b>	<b>147,211</b>	<b>25,239</b>	<b>13.98</b>
<b>Total Non-PMUS</b>	<b>1,028</b>	<b>489</b>	<b>539</b>	<b>0.08</b>
<b>Total All Species</b>	<b>173,478</b>	<b>147,700</b>	<b>25,778</b>	<b>14.07</b>