

**PIFSC Report on the American Samoa Limited-access Longline Fishery
from 1 April to 30 June 2016¹**

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

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.

¹ PIFSC Data Report DR-17-021.
Issued 8 June 2017.

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		Number of vessels active		16
Time Period	1 April - 30 June, 2016	Number of trips (partial or completed)		60
Set Types	All Sets	Number of sets		625
Fishing Area	All Areas	Number of hooks set		1,752,021

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	164	128	36	0.09
Striped marlin	6	4	2	0.00
Shortbill spearfish	114	30	84	0.07
Swordfish	23	20	3	0.01
Other billfishes	50	23	27	0.03
Total	357	205	152	0.20
Shark PMUS				
Blue shark	1,254	3	1,251	0.72
Mako sharks	57	3	54	0.03
Thresher sharks	93	0	93	0.05
Oceanic whitetip shark	362	0	362	0.21
Silky shark	126	0	126	0.07
Other Sharks	13	0	13	0.01
Total	1,905	6	1,899	1.09
Tuna PMUS				
Albacore	29,052	28,764	288	16.58
Bigeye tuna	1,042	1,025	17	0.59
Yellowfin tuna	6,784	6,719	65	3.87
Bluefin tuna	0	0	0	0.00
Skipjack tuna	2,367	2,366	1	1.35
Other tunas	0	0	0	0.00
Total	39,245	38,874	371	22.40
Other PMUS				
Mahimahi	64	58	6	0.04
Moonfish	29	17	12	0.02
Wahoo	766	743	23	0.44
Oilfish	1,094	21	1,073	0.62
Pomfret	172	30	142	0.10
Total	2,125	869	1,256	1.21
Total PMUS	43,632	39,954	3,678	24.90
Total Non-PMUS	1,984	11	1,973	1.13
Total All Species	45,616	39,965	5,651	26.04

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		6
Time Period	1 April - 30 June, 2016	Number of trips (partial or completed)		7
Set Types	All Sets	Number of sets		50
Fishing Area	Swains LVPA	Number of hooks set		161,961

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	25	19	6	0.15
Striped marlin	0	0	0	0.00
Shortbill spearfish	13	2	11	0.08
Swordfish	2	1	1	0.01
Other billfishes	9	5	4	0.06
Total	49	27	22	0.30
Shark PMUS				
Blue shark	48	0	48	0.30
Mako sharks	0	0	0	0.00
Thresher sharks	4	0	4	0.02
Oceanic whitetip shark	48	0	48	0.30
Silky shark	41	0	41	0.25
Other Sharks	1	0	1	0.01
Total	142	0	142	0.88
Tuna PMUS				
Albacore	3,238	3,233	5	19.99
Bigeye tuna	162	162	0	1.00
Yellowfin tuna	588	586	2	3.63
Bluefin tuna	0	0	0	0.00
Skipjack tuna	445	445	0	2.75
Other tunas	0	0	0	0.00
Total	4,433	4,426	7	27.37
Other PMUS				
Mahimahi	7	5	2	0.04
Moonfish	1	1	0	0.01
Wahoo	71	71	0	0.44
Oilfish	109	6	103	0.67
Pomfret	25	3	22	0.15
Total	213	86	127	1.32
Total PMUS	4,837	4,539	298	29.87
Total Non-PMUS	369	1	368	2.28
Total All Species	5,206	4,540	666	32.14

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		13
Time Period	1 April - 30 June, 2016	Number of trips (partial or completed)		49
Set Types	All Sets	Number of sets		93
Fishing Area	Tutuila LVPA	Number of hooks set		180,516

Pelagic Management Unit Species (PMUS)	Number Caught	Number Kept	Number Released	CPUE Number Caught per 1000 Hooks
PMUS				
Billfish PMUS				
Blue marlin	7	7	0	0.04
Striped marlin	1	1	0	0.01
Shortbill spearfish	2	2	0	0.01
Swordfish	2	2	0	0.01
Other billfishes	4	3	1	0.02
Total	16	15	1	0.09
Shark PMUS				
Blue shark	148	1	147	0.82
Mako sharks	6	2	4	0.03
Thresher sharks	5	0	5	0.03
Oceanic whitetip shark	32	0	32	0.18
Silky shark	4	0	4	0.02
Other Sharks	0	0	0	0.00
Total	195	3	192	1.08
Tuna PMUS				
Albacore	3,096	3,061	35	17.15
Bigeye tuna	112	110	2	0.62
Yellowfin tuna	1,159	1,148	11	6.42
Bluefin tuna	0	0	0	0.00
Skipjack tuna	230	230	0	1.27
Other tunas	0	0	0	0.00
Total	4,597	4,549	48	25.47
Other PMUS				
Mahimahi	24	22	2	0.13
Moonfish	6	5	1	0.03
Wahoo	83	83	0	0.46
Oilfish	125	0	125	0.69
Pomfret	6	6	0	0.03
Total	244	116	128	1.35
Total PMUS	5,052	4,683	369	27.99
Total Non-PMUS	119	3	116	0.66
Total All Species	5,171	4,686	485	28.65