

FLC Monitoring

Sea State

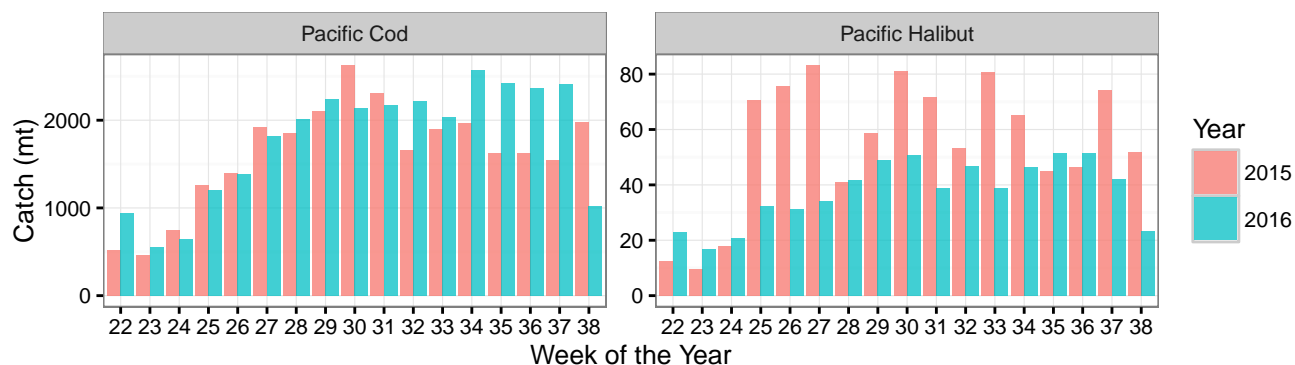
15 September, 2016

Overview

The total cumulative catch of Pacific cod at the end of 2016-09-10 was 82,193 mt. At the same week in the previous year, the cumulative catch was 78,078 mt (Table 1). Halibut catch to date has decreased by 24.7% over last year.

Table 1: Catch statistics for week ending 2016-09-10 (Week 37).

	Cumulative 2015	Cumulative 2016	Week 37 2015	Week 37 2016
P. Halibut (mt)	2,123	1,599	74	42
P. Cod (mt)	78,078	82,193	1,548	2,411
Avg. Rate (kg/mt)	22	15	33	13
Number of Sets	9,286	8,703	275	296



NMFS Stat Area Summary

Table 2: Halibut encounter rates for the week ending 2016-09-10.

Trip Target	NMFS Area	Groundfish (mt)	Halibut (kg)	Rate (kg/mt)	Halibut Mortality (mt)
Cod	509	426	7,577	17.8	0.682
Cod	513	149	3,567	23.9	0.324
Cod	514	64	987	15.5	0.089
Cod	517	457	15,089	33.0	1.358
Cod	521	902	7,613	8.4	0.701
Cod	523	58	1,544	26.8	0.139
Cod	524	1,115	7,539	6.8	0.679

Vessel Rates and Ranking

Table 3: Vessel rates in kg of halibut per ton of groundfish for the week ending 2016-09-10.

Trip Target	Vessel	Rate	Rank
Cod	BLUE ATTU	0.43	1
Cod	BERING PROWLER	0.53	2
Cod	CLIPPER EPIC	0.75	3
Cod	BLUE BALLARD	1.11	4
Cod	FRONTIER MARINER	1.14	5
Cod	ALASKAN LEADER	1.53	6
Cod	BERING LEADER	2.23	7
Cod	GLACIER BAY	5.39	8
Cod	DEEP PACIFIC	9.80	9
Cod	ALASKA MIST	9.81	10
Cod	BRISTOL LEADER	10.95	11
Cod	U S LIBERATOR	11.01	12
Cod	CLIPPER ENDEAVOR	17.54	13
Cod	LILLI ANN	20.09	14
Cod	ALASKAN LADY	22.08	15
Cod	SIBERIAN SEA	28.48	16
Cod	COURAGEOUS	29.67	17
Cod	FRONTIER EXPLORER	36.34	18
Cod	OCEAN PROWLER	42.20	19
Cod	FRONTIER SPIRIT	58.94	20
Cod	CLIPPER SURPRISE	68.50	21

Viability Sampling

Total number of hauls sampled to date is 5,059, and the total number of hauls sampled in 2015 was 8,349.

Table 4: Viability samples as of 2016-09-11

Trip Target	Injury Type	Year-to-date	Week 37	Week 36
Cod	Minor	3,952	140	88
Cod	Moderate	330	13	7
Cod	Severe	33	0	1
Cod	Dead	66	1	0
OtherSpecies	Minor	2	0	2
Turbot	Minor	14	0	0
Turbot	Moderate	1	0	0
Turbot	Severe	1	0	0

Discard Mortality Rates (DMR)

The 2016 discard mortality rate based on all viability samples (Table 4) to date is 7.9% for trips targeting Cod (Table 5), and 3.5% for trips targeting OtherSpecies.

Table 5: Halibut discard mortality rates based on viability sampling.

Trip Target	DMR Year-to-date	Week 37	Week 36
Cod	7.9%	6.9%	6.54%
OtherSpecies	3.5%	NaN%	3.5%
Turbot	9.47%	NaN%	NaN%

Blue King Crab

Total number of blue king crab caught to date in 2016 is 491. In 2015 the total number of blue king crab was 488.

Table 6: Number of Blue King Crab caught in Reporting Area in week 36. No activity is denoted with NA.

Area	Week 36 (2015)	Week 36 (2016)
509	0	0
512	0	0
513	260	62
514	3	0
516	0	2
517	6	0
518	NA	0
519	1	0
521	179	179
523	0	0
524	15	195
541	0	0
542	0	0
543	0	0
610	0	0
620	0	0
630	0	0
640	0	0
649	0	0
650	0	0
659	0	0