

FLC Monitoring

Sea State

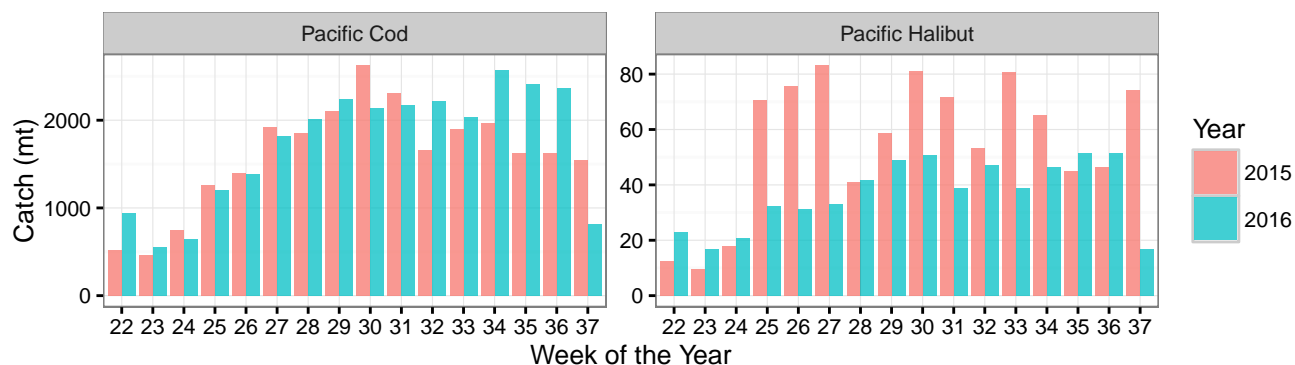
08 September, 2016

Overview

The total cumulative catch of Pacific cod at the end of 2016-09-03 was 79,776 mt. At the same week in the previous year, the cumulative catch was 76,529 mt (Table 1). Halibut catch to date has decreased by 24.1% over last year.

Table 1: Catch statistics for week ending 2016-09-03 (Week 36).

	Cumulative 2015	Cumulative 2016	Week 36 2015	Week 36 2016
P. Halibut (mt)	2,049	1,556	46	51
P. Cod (mt)	76,529	79,776	1,630	2,363
Avg. Rate (kg/mt)	21	15	21	17
Number of Sets	9,011	8,406	275	249



NMFS Stat Area Summary

Table 2: Halibut encounter rates for the week ending 2016-09-03.

Trip Target	NMFS Area	Groundfish (mt)	Halibut (kg)	Rate (kg/mt)	Halibut Mortality (mt)
Cod	509	499	12,234	24.5	1.112
Cod	513	92	2,744	29.8	0.247
Cod	514	53	682	12.9	0.061
Cod	517	414	10,468	25.3	0.942
Cod	521	425	15,324	36.1	1.379
Cod	523	132	3,122	23.6	0.281
Cod	524	1,542	7,351	4.8	0.662
OtherSpecies	509	2	506	259.4	0.046

Vessel Rates and Ranking

Table 3: Vessel rates in kg of halibut per ton of groundfish for the week ending 2016-09-03.

Trip Target	Vessel	Rate	Rank
Cod	ALASKAN LADY	0.00	1.5
Cod	PROWLER	0.00	1.5
Cod	CLIPPER EPIC	0.68	3.0
Cod	ARCTIC PROWLER	1.17	4.0
Cod	OCEAN PROWLER	1.44	5.0
Cod	ALASKAN LEADER	1.90	6.0
Cod	BLUE ATTU	4.73	7.0
Cod	BRISTOL LEADER	4.82	8.0
Cod	BERING PROWLER	5.74	9.0
Cod	BERING LEADER	6.07	10.0
Cod	GLACIER BAY	10.07	11.0
Cod	U S LIBERATOR	10.88	12.0
Cod	ALASKA MIST	12.87	13.0
Cod	DEEP PACIFIC	15.02	14.0
Cod	CLIPPER SURPRISE	18.61	15.0
Cod	FRONTIER SPIRIT	26.35	16.0
Cod	BLUE BALLARD	31.57	17.0
Cod	LILLI ANN	33.77	18.0
Cod	CLIPPER ENDEAVOR	34.86	19.0
Cod	SIBERIAN SEA	35.72	20.0
Cod	FRONTIER MARINER	52.77	21.0
Cod	FRONTIER EXPLORER	66.20	22.0

Viability Sampling

Total number of hauls sampled to date is 4,880, and the total number of hauls sampled in 2015 was 8,349.

Table 4: Viability samples as of 2016-09-04

Trip Target	Injury Type	Year-to-date	Week 36	Week 35
Cod	Minor	3,582	86	159
Cod	Moderate	317	7	7
Cod	Severe	28	1	4
Cod	Dead	65	0	1
OtherSpecies	Minor	2	2	0
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 8.12% 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 36	Week 35
Cod	8.12%	6.61%	6.87%
OtherSpecies	3.5%	3.5%	NaN%
Turbot	9.47%	NaN%	NaN%

Trip Target	DMR Year-to-date	Week 36	Week 35
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Blue King Crab

Total number of blue king crab caught to date in 2016 is 438. In 2015 the total number of blue king crab was 488.

Table 6: Number of Blue King Crab caught in Reporting Area in week 35. No activity is denoted with NA.

Area	Week 35 (2015)	Week 35 (2016)
509	0	0
512	0	0
513	245	62
514	3	0
516	0	2
517	6	0
518	NA	0
519	1	0
521	196	163
523	0	0
524	15	131
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