

FLC Monitoring

Sea State

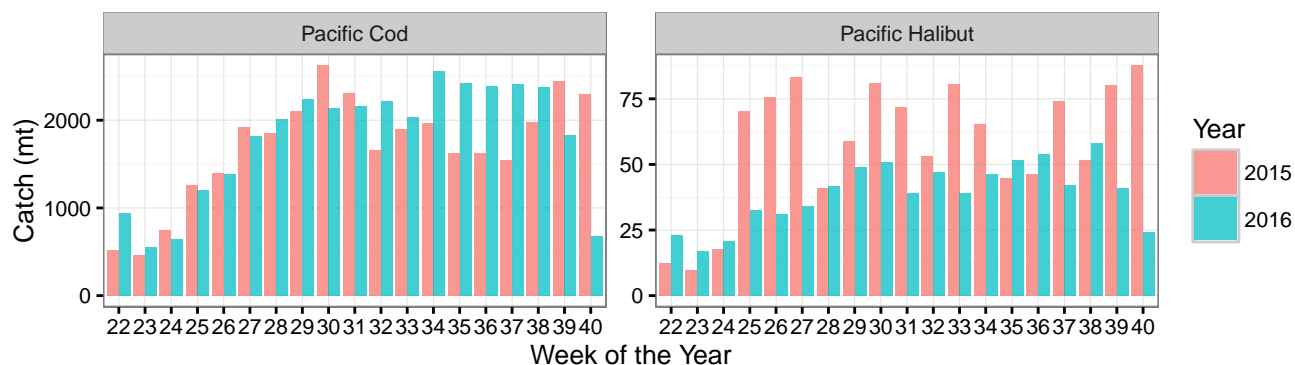
29 September, 2016

Overview

The total cumulative catch of Pacific cod at the end of 2016-09-24 was 86,423 mt. At the same week in the previous year, the cumulative catch was 82,502 mt (Table 1). Halibut catch to date has decreased by 24.6% over last year.

Table 1: Catch statistics for week ending 2016-09-24 (Week 39).

	Cumulative 2015	Cumulative 2016	Week 39 2015	Week 39 2016
P. Halibut (mt)	2,255	1,701	80	41
P. Cod (mt)	82,502	86,423	2,450	1,834
Avg. Rate (kg/mt)	22	15	24	17
Number of Sets	9,998	9,234	399	207



NMFS Stat Area Summary

Table 2: Halibut encounter rates for the week ending 2016-09-24.

Trip Target	NMFS Area	Groundfish (mt)	Halibut (kg)	Rate (kg/mt)	Halibut Mortality (mt)
Cod	509	281.9	14,823	52.6	1.357
Cod	513	3.3	405	121.6	0.036
Cod	517	327.6	7,501	22.9	0.675
Cod	521	765.4	4,329	5.7	0.394
Cod	523	23.6	1,589	67.3	0.143
Cod	524	1,429.2	11,776	8.2	1.066
OtherSpecies	514	15.2	3,894	256.3	0.350

Vessel Rates and Ranking

Table 3: Vessel rates in kg of halibut per ton of groundfish for the week ending 2016-09-24.

Trip Target	Vessel	Rate	Rank
Cod	FRONTIER MARINER	0.16	1
Cod	BLUE BALLARD	0.60	2
Cod	BLUE ATTU	0.80	3
Cod	BERING PROWLER	0.87	4
Cod	GLACIER BAY	0.89	5
Cod	U S LIBERATOR	1.22	6
Cod	FRONTIER SPIRIT	1.96	7
Cod	OCEAN PROWLER	2.10	8
Cod	ALASKAN LADY	3.10	9
Cod	CLIPPER EPIC	3.93	10
Cod	FRONTIER EXPLORER	6.17	11
Cod	BERING LEADER	10.15	12
Cod	BRISTOL LEADER	13.84	13
Cod	ALASKAN LEADER	14.27	14
Cod	CLIPPER SURPRISE	22.07	15
Cod	SIBERIAN SEA	23.87	16
Cod	ALASKA MIST	25.93	17
Cod	COURAGEOUS	40.77	18
Cod	LILLI ANN	47.78	19
Cod	DEEP PACIFIC	64.53	20

Viability Sampling

Total number of hauls sampled to date is 5,309, and the total number of hauls sampled in 2015 was 8,349.

Table 4: Viability samples as of 2016-09-25

Trip Target	Injury Type	Year-to-date	Week 39	Week 38
Cod	Minor	4,279	101	176
Cod	Moderate	355	6	14
Cod	Severe	35	0	4
Cod	Dead	70	2	2
OtherSpecies	Minor	3	1	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 7.85% 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 39	Week 38
Cod	7.85%	7.08%	8.11%
OtherSpecies	3.5%	3.5%	0%
Turbot	9.47%	0%	0%

Blue King Crab

Total number of blue king crab caught to date in 2016 is 602. In 2015 the total number of blue king crab was 488.

Table 6: Number of Blue King Crab caught in Reporting Area in week 38. No activity is denoted with NA.

Area	Week 38 (2015)	Week 38 (2016)
509	0	0
512	0	0
513	249	62
514	3	0
516	0	2
517	0	0
518	NA	0
519	1	0
521	196	218
523	0	0
524	15	262
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

Sea Birds

**NOTE: Work in progress. I'm still trying to validate these numbers with the regional office. Stay tuned.

Name	2015	2016
Auklet/Murrelet Unidentified	1	NA
Bird Unidentified	56	84
Black-Footed Albatross	2	4
Black-Legged Kittiwake	3	1
Crested Auklet	2	NA
Dark Shearwater Unidentified	13	2
Glaucus Gull	8	16
Glaucus-Winged Gull	4	10
Gull Unidentified	272	84
Laysan Albatross	27	9
Northern Fulmar	877	1,045
Red-Legged Kittiwake	4	NA
Sea Birds Unidentified	4	2
Shearwater Unidentified	16	266
Short-Tailed Shearwater	62	629
Sooty Shearwater	15	249