

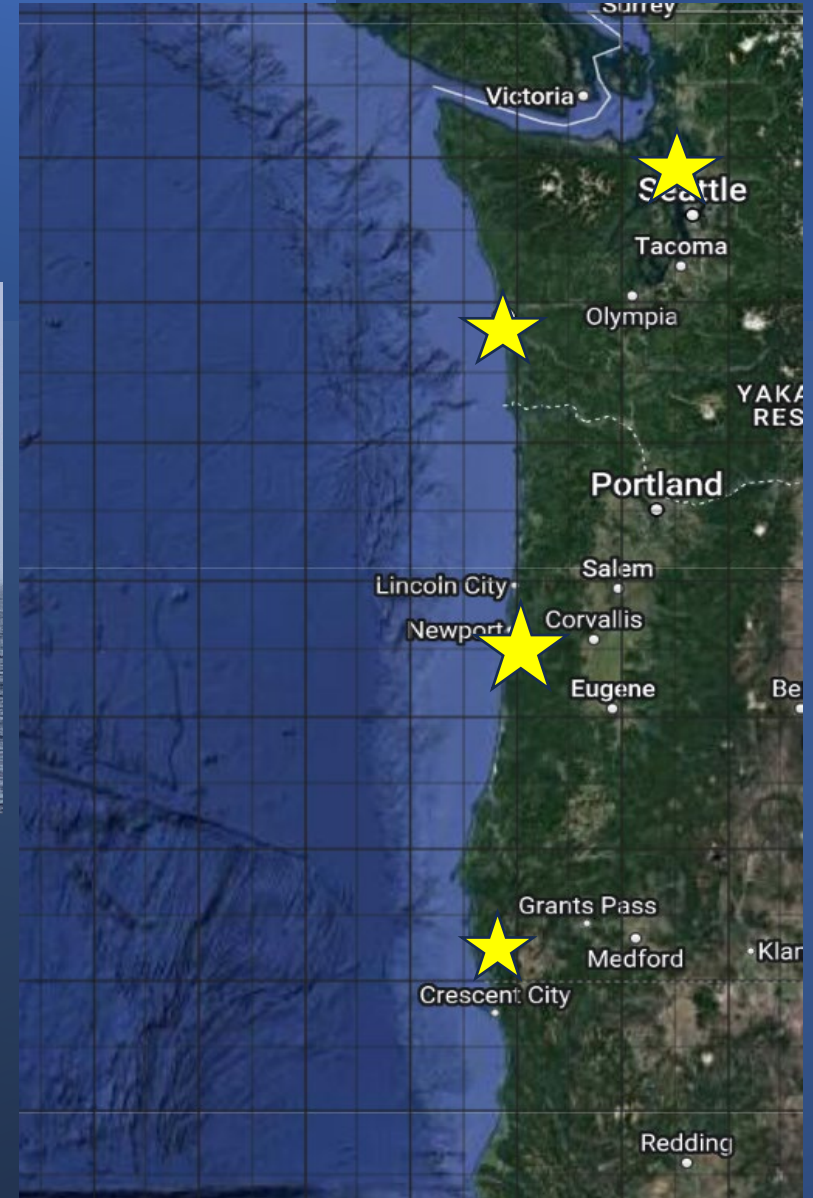
Whiting Mothership Cooperative Inseason Report

September 2023 PFMC

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At-sea delivery between a catcher vessel and mothership



Spring 2023

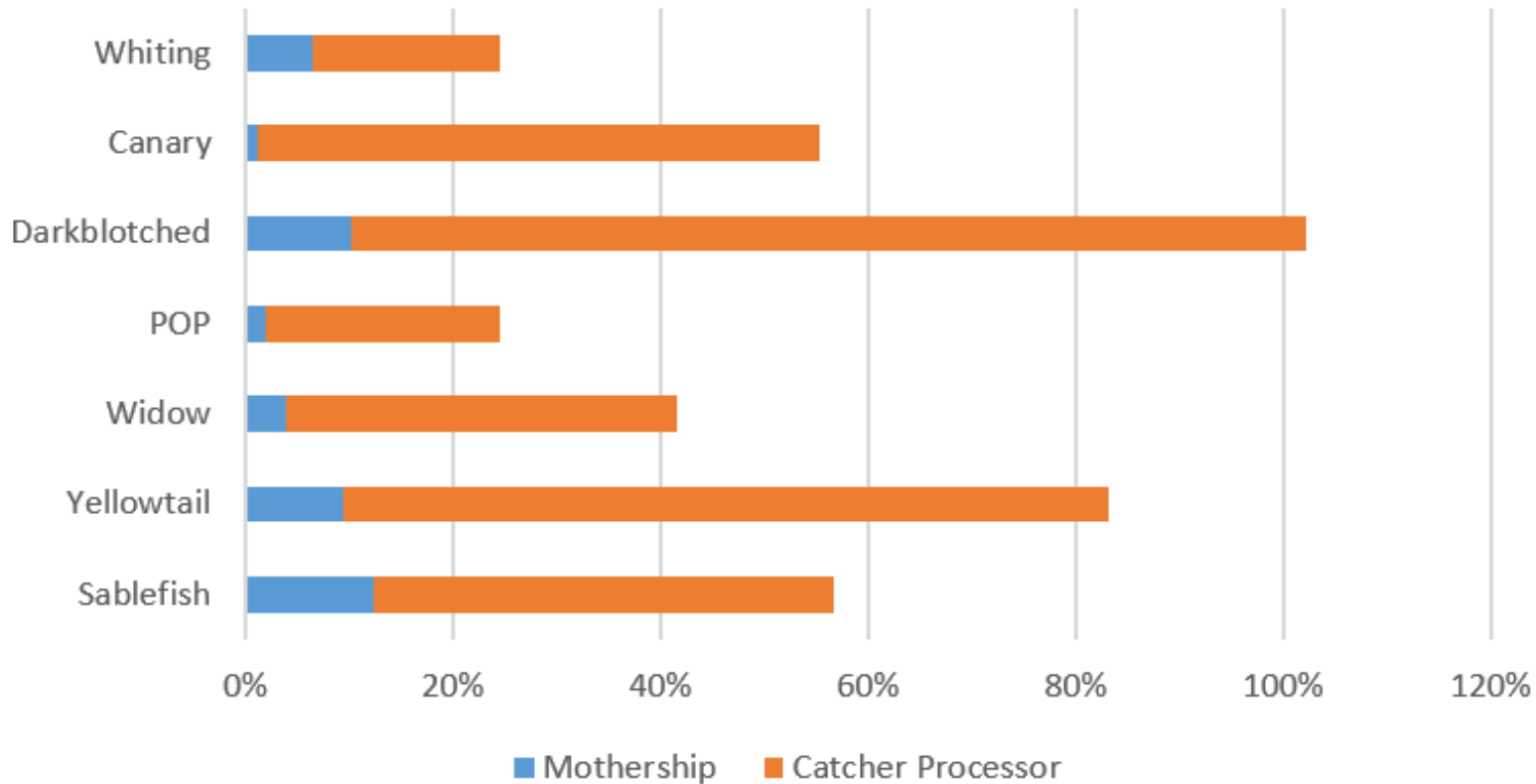
WMC Mitigation Tools

- Preseason closures and advisory areas
- Automatic hot spot authority provided to the Cooperative Manager & Monitor
- Objective rate-based movement rules
- Test tow requirements
- Night fishing restrictions
- Requirement of salmon excluders
- Whiting and bycatch divided into separate seasonal pools
- Platform stand-down penalties

Several vessels have also begun utilizing live camera feed systems

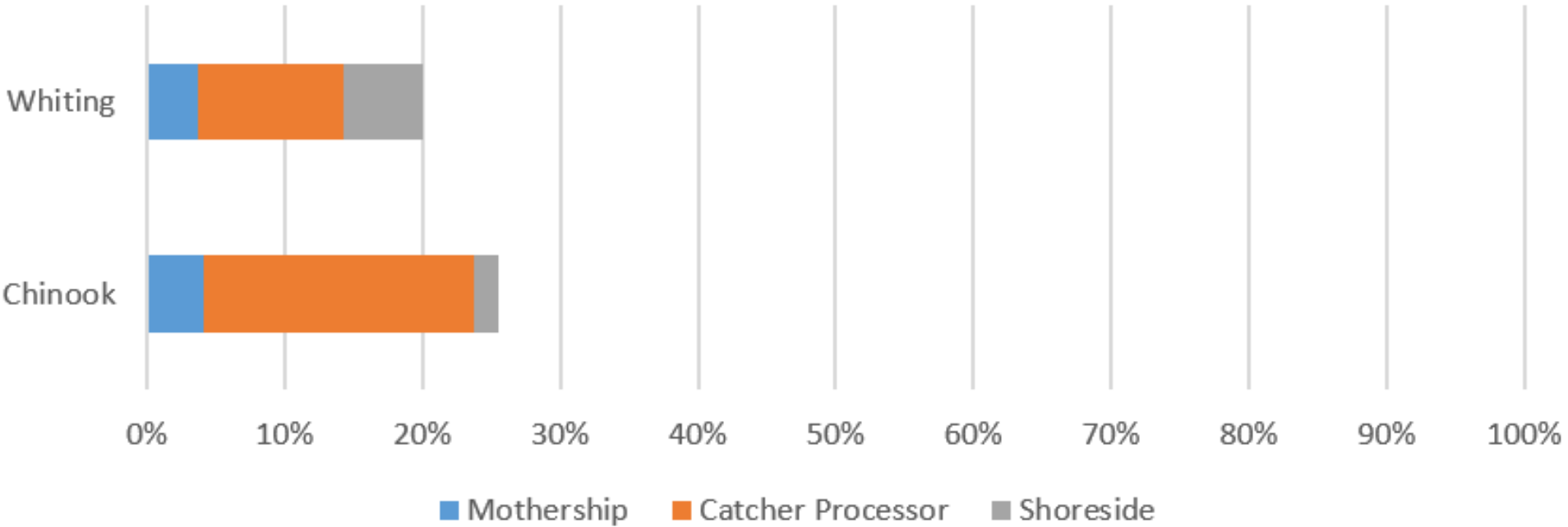
Spring Bycatch

Percentage of At-Sea Set-Asides Caught - Spring 2023



Spring Bycatch

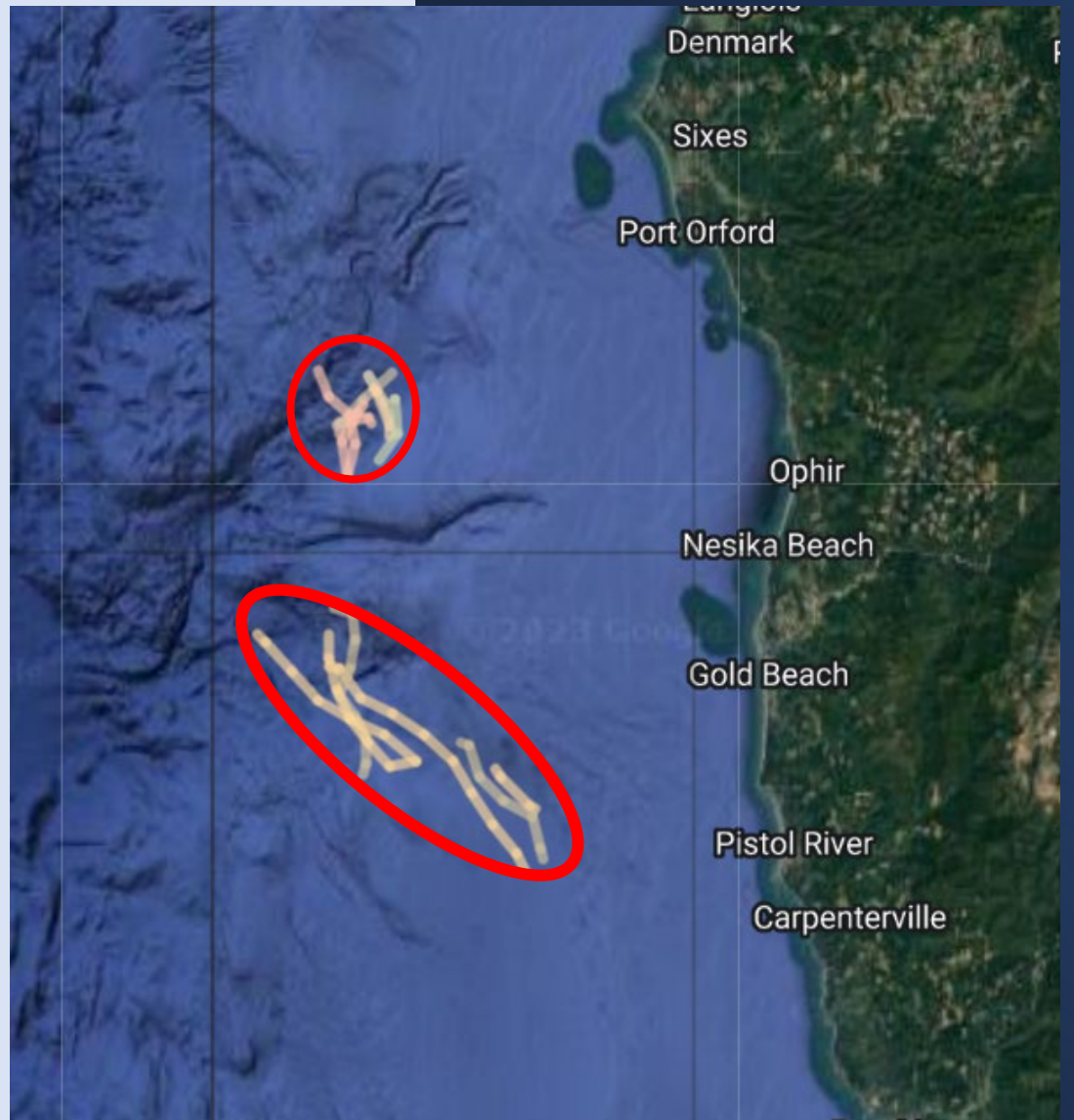
Percentage of Chinook Guideline Caught - Spring 2023



Data from 6/19/23 PacFin Whiting Report – detailed table provided in Supplemental Information

WMC movements

- Mothership fleets moved 25 times this spring
 - 15 moves were for Chinook
 - 10 moves were for rockfish
- Each move is costly in terms of time, fuel and forgone whiting



Fall 2023

Fall Fishing Plans

- One mothership fleet began operations on August 11, 2023, and is currently on their second trip
- Fishing has been very clean so far
- Another mothership fleet is expected on the grounds in late September

WMC Fall Mitigation Tools

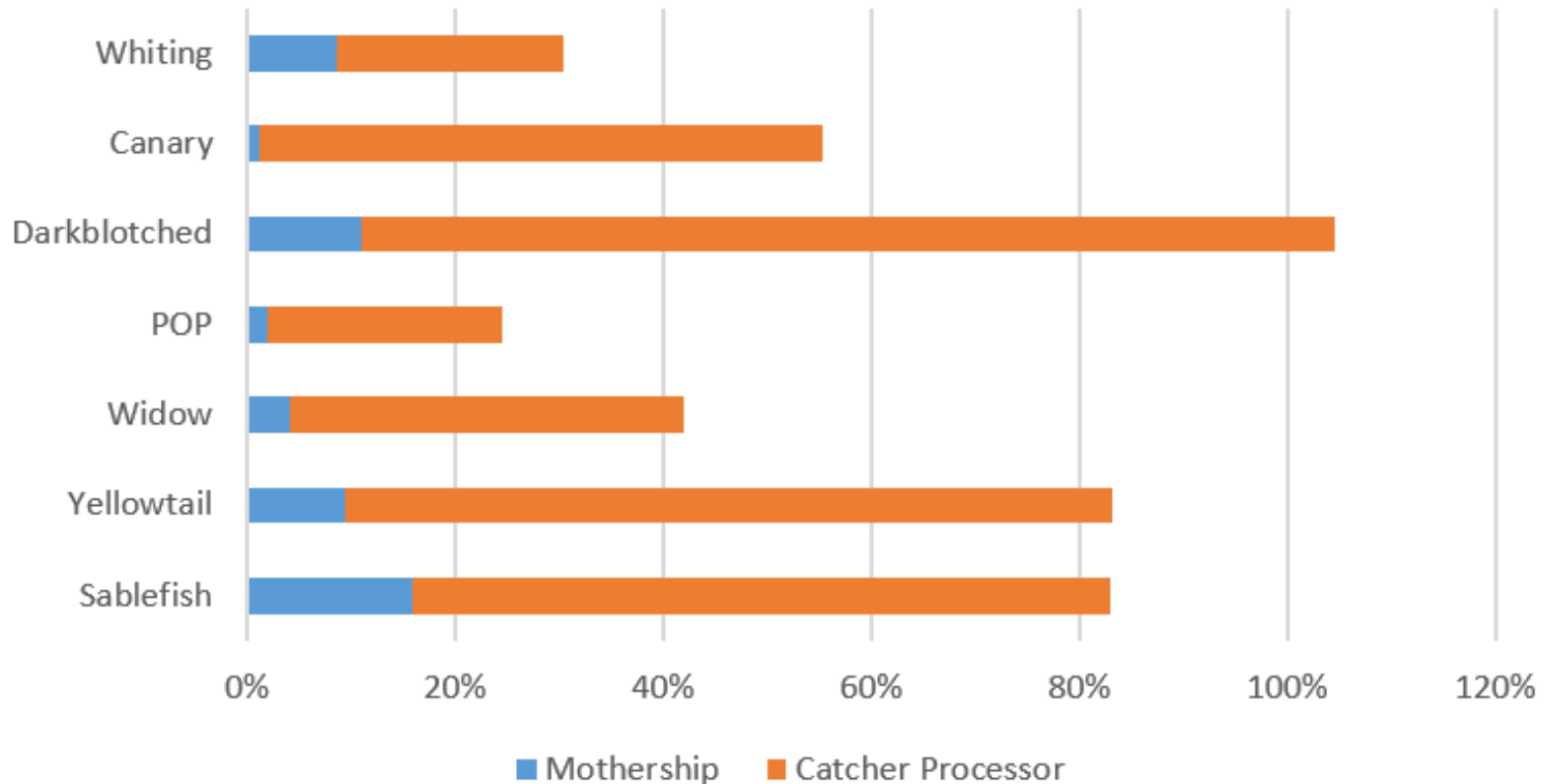
We are continuing to utilize the same WMC mitigation tools this fall, which include:

- Preseason closures and advisory areas
- Automatic hot spot authority provided to the Cooperative Manager & Monitor
- Test tow requirements
- Night fishing restrictions
- Requirement of salmon excluders
- Objective rate-based movement rules
- Whiting and bycatch divided into separate seasonal pools
- Platform stand-down penalties

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Year-to-Date Bycatch

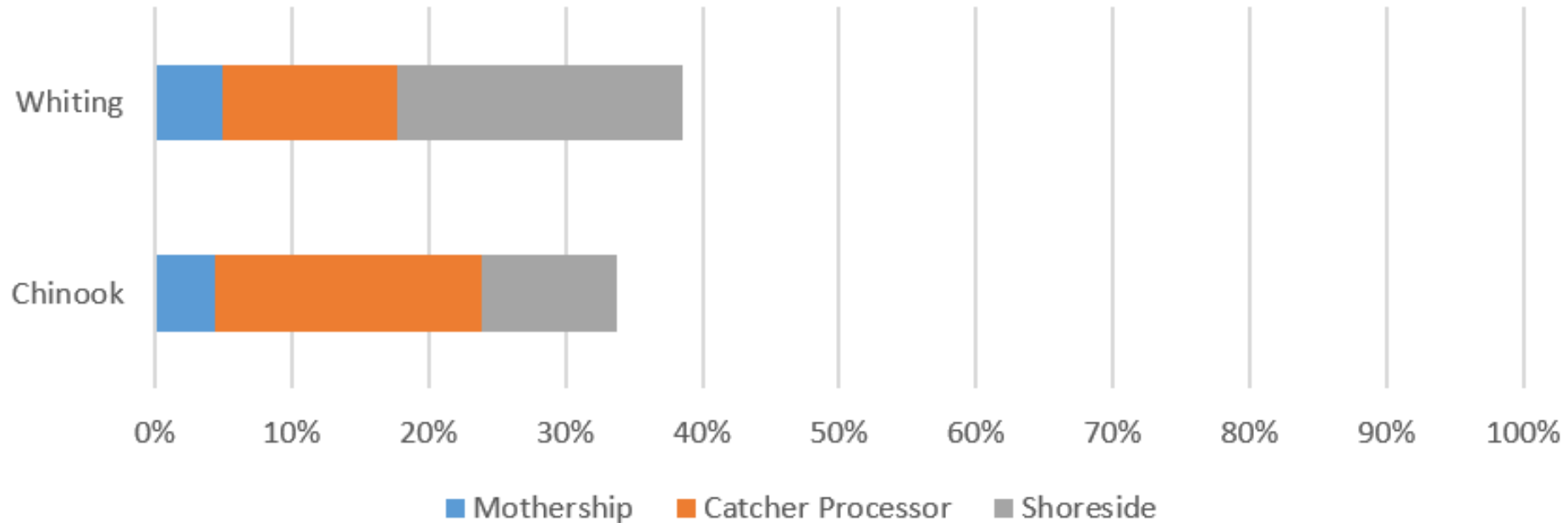
Percentage of At-Sea Set-Asides Caught - Total 2023



Data from 9/10/23 PacFin Whiting Report – detailed table provided in Supplemental Information

Year-to-Date Bycatch

Percentage of Chinook Guideline Caught - Total 2023



Data from 9/10/23 PacFin Whiting Report – detailed table provided in Supplemental Information

2022 Sablefish example

- On May 24, 2022, the MS fleet encountered a sablefish lightning strike. They caught 119mt - less than 10 days into the fishery. This equated to a bycatch rate of 17.96 kg/mt.
- In response, the coop manager immediately closed the hot spot and called an emergency Board meeting, where the Board adopted sablefish movement thresholds. The manager also notified PWCC, SWC and NMFS.
- The cooperative finished out the year catching an additional 52,532.5mt of whiting along with 74mt of sablefish, a bycatch rate of 1.41kg/mt. The MS fleets moved 75 times due to sablefish encounters.



Questions?

Supplemental Information

Spring Bycatch Slides – Data

Species	Allocation or Set-Aside	Spring Catch (mt)			Percent Catch
		MS	CP	Total	
Whiting	220,512.00	14,133.80	40,030.58	54,164.38	25%
Canary	36.00	0.43	19.45	19.88	55%
Darkblotched	76.40	7.85	70.19	78.04	102%
POP	300.00	5.77	67.51	73.28	24%
Widow	476.00	18.85	179.23	198.08	42%
Yellowtail	320.00	29.93	235.93	265.86	83%
Sablefish	100.00	12.29	44.49	56.78	57%

Species	Allocation or Guideline	Spring Catch				Percent Catch
		MS	CP	SS	Total	
Whiting (mt)	380,194	14,134	40,031	21,786	75,951	20%
Chinook (#)	11,000	460	2,146	196	2,802	25%

Data from 6/19/23 PacFin Whiting Report – used for charts in slides 5-6

Year-to-Date Bycatch Slides – Data

Species	Allocation or Set-Aside	Year to Date Catch (mt)			Percent Catch
		MS	CP	Total	
Whiting	220,512.00	19,010.50	48,116.06	67,126.56	30%
Canary	36.00	0.43	19.46	19.89	55%
Darkblotched	76.40	8.34	71.47	79.81	104%
POP	300.00	5.80	67.63	73.43	24%
Widow	476.00	20.03	179.74	199.77	42%
Yellowtail	320.00	30.11	235.93	266.04	83%
Sablefish	100.00	15.86	67.13	82.99	83%

Species	Allocation or Guideline	Year to Date Catch				Percent Catch
		MS	CP	SS	Total	
Whiting (mt)	380,194	19,011	48,116	79,552	146,679	39%
Chinook (#)	11,000	478	2,150	1,081	3,709	34%

Data from 9/10/23 PacFin Whiting Report – used for charts in slides 11-12

We noticed some past bycatch detail provided in the PWCC report that did not accurately reflect the mothership sector. We are providing supplemental data for 2019-2023 from the PacFIN Whiting Report.

		Canary	Darkblotched	Widow	Pacific Ocean Perch	Yellowtail	Sablefish
2019	MS catch	3.3	31.0	106.5	47.6	153.9	18.1
	MS portion of set-aside	29.9	15.0	252.8	167.4	124.1	20.7
	% caught	11%	206%	42%	28%	124%	87%
2020	MS catch	0.5	5.0	19.5	0.4	90.5	8.7
	MS portion of set-aside	29.9	16.0	239.2	163.0	124.1	20.7
	% caught	2%	31%	8%	0%	73%	42%
2021	MS catch	2.7	6.7	19.0	3.0	77.0	7.2
	MS portion of set-aside	23.4	31.6	197.0	124.1	124.1	41.4
	% caught	12%	21%	10%	2%	62%	17%
2022	MS catch	2.6	12.8	81.6	12.8	24.0	193.3
	MS portion of set-aside	23.4	31.6	197.0	124.1	124.1	41.4
	% caught	11%	40%	41%	10%	19%	467%
2023 as of 9/11	MS catch	0.5	8.4	20.0	5.8	30.1	15.9
	MS portion of set-aside	23.4	31.6	197.0	124.1	124.1	41.4
	% caught	2%	26%	10%	5%	24%	38%

We noticed some past bycatch detail provided in the PWCC report that did not accurately reflect the mothership sector. We are providing supplemental data for 2019-2023 from the PacFIN Whiting Report.

		Canary	Darkblotched	Widow	Pacific Ocean Perch	Yellowtail	Sablefish
2019	CP catch	1.7	45.5	92.6	94.4	163.7	53.1
	CP portion of set-aside	16.1	21.3	358.2	237.1	175.9	29.3
	% caught	11%	214%	26%	40%	93%	181%
2020	CP catch	0.4	34.7	69.8	4.5	76.3	6.5
	CP portion of set-aside	16.1	22.7	338.8	231.0	175.9	29.3
	% caught	3%	153%	21%	2%	43%	22%
2021	CP catch	3.1	34.3	96.5	49.3	3.5	50.6
	CP portion of set-aside	12.6	44.8	279.0	175.9	175.9	58.6
	% caught	25%	77%	35%	28%	2%	86%
2022	CP catch	3.2	57.3	104.6	18.6	3.5	111.3
	CP portion of set-aside	12.6	44.8	279.0	175.9	175.9	58.6
	% caught	25%	128%	37%	11%	2%	190%
2023 as of 9/11	CP catch	19.5	71.6	179.7	67.6	235.9	67.3
	CP portion of set-aside	12.6	44.8	279.0	175.9	175.9	58.6
	% caught	154%	160%	64%	38%	134%	115%