

December 2017 Anchorage

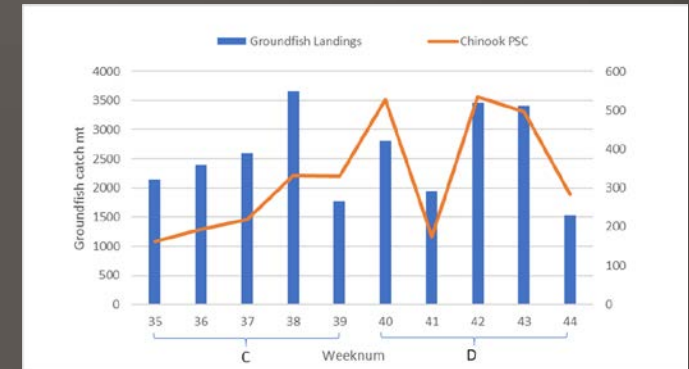
Chinook PSC in the
Western GOA
Pollock
Trawl C and D Seasons



Discussion Paper Structure

- Background
- Chinook PSC
- Analysis
- Discussion/Options

Season	Approx. date	Week	2013	2014	2015	2016	2017
C	29-Aug	35	72	2,782	2,453	2,434	4,756
	5-Sep	36	123	1,877	3,207	4,193	4,522
	12-Sep	37	467	728	2,084	6,396	3,786
	19-Sep	38	246	1,106	2,794	6,306	7,000
	26-Sep	39	75	795	1,759	6,789	4,913
	3-Oct	40	-	359	1,638	4,479	-
C Season Total			985	7,649	13,936	30,597	24,977
D	3-Oct	40	99	289	1,396	151	3,774
	10-Oct	41	177	C	3,147	4,328	6,084
	17-Oct	42	222	243	2,960	6,058	6,459
	24-Oct	43	71	249	2,779	6,403	3,082
	31-Oct	44	44	C	1,993	5,003	945
	D Season Total			613	915	12,275	21,943



	Season	Area 610		Area 620		Area 630		Total W & C GOA	
		mt	%	mt	%	mt	%	mt	%
Status quo	A	2,232	4.67%	34,552	72.29%	11,012	23.04%	47,796	25.00%
	B	2,232	4.67%	39,422	82.48%	6,142	12.85%	47,796	25.00%
	C	19,568	40.94%	12,341	25.82%	15,887	33.24%	47,796	25.00%
	D	19,568	40.94%	12,341	25.82%	15,887	33.24%	47,796	25.00%
	Total		43,599		98,655		48,929		191,183
Shift TAC to A/B	Season	mt	%	mt	%	mt	%	mt	%
	A	2,678	4.67%	41,462	72.29%	13,215	23.04%	57,355	30.00%
	B	2,678	4.67%	47,306	82.48%	7,370	12.85%	57,355	30.00%
	C	15,654	40.94%	9,873	25.82%	12,710	33.24%	38,237	20.00%
	D	15,654	40.94%	9,873	25.82%	12,710	33.24%	38,237	20.00%
	Total		36,665		108,514		46,004		191,183

Background

Pollock

- The annual GOA pollock TAC is allocated 25% to each of A, B, C, D seasons in the GOA in order to not compete with SSL
- Areas 610, 620, 630 are apportioned ABC/TAC based on survey catches.
- Variable within area seasonal allocations.

Chinook

- 25,000 – Total GOA-wide
- 18,316 – CGOA
- 6,684 – WGOA

TABLE 3—FINAL 2017 DISTRIBUTION OF POLLOCK IN THE WESTERN AND CENTRAL REGULATORY AREAS OF THE GOA; SEASONAL BIOMASS DISTRIBUTION, AREA APPORTIONMENTS; AND SEASONAL ALLOWANCES OF ANNUAL TAC

[Values are rounded to the nearest metric ton and percentages are rounded to the nearest 0.01]

Season ¹	Shumagin (area 610)		Chirikof (area 620)		Kodiak (area 630)		Total ²
A (Jan 20–Mar 10)	2,232	4.67%	34,549	72.29%	11,014	23.04%	47,796
B (Mar 10–May 31)	2,232	4.67%	39,420	82.48%	6,143	12.85%	47,796
C (Aug 25–Oct 1)	19,569	40.94%	12,341	25.82%	15,886	33.24%	47,796
D (Oct 1–Nov 1)	19,569	40.94%	12,341	25.82%	15,886	33.24%	47,796

Chinook PSC

- CAS - Monitors
- PSC "rate"
- Groundfish Basis Weight
- PSC Estimate
- Halibut mortality

} Database

- $\leq 58'$ LOA
- $>58'$ LOA



Analysis

Chinook PSC (N)

C Season	2013	2014	2015	2016	2017	
> 58' LOA	69	266	30	477	1,100	
≤ 58' LOA	23	1,960	1,204	1,364	2,291	
C Season Total	93	2,226	1,234	1,841	3,391	44.44%

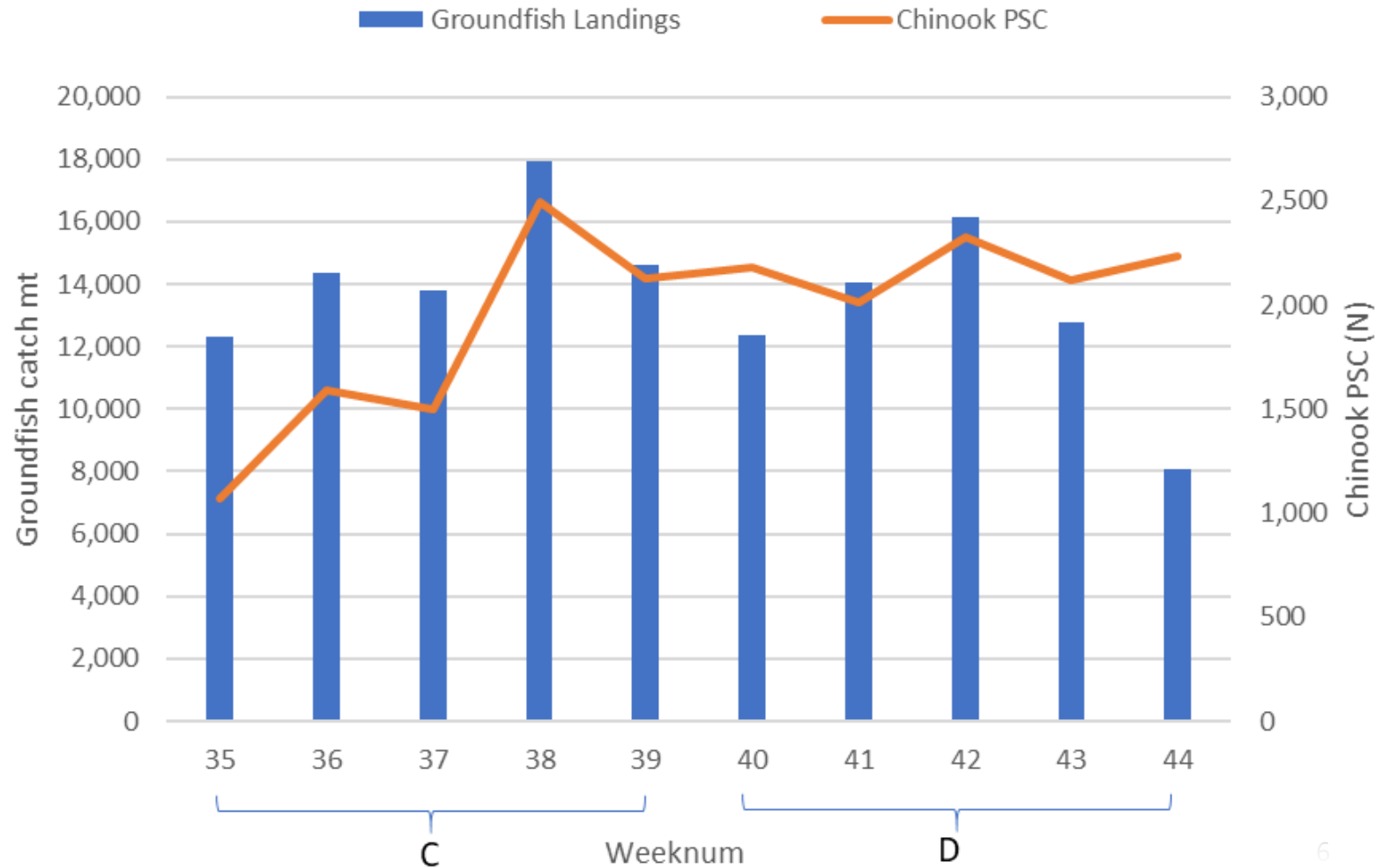
D Season	2013	2014	2015	2016	2017	
> 58' LOA	1,261	0	147	715	1,590	
≤ 58' LOA	149	711	2,321	2,576	1,514	
D Season Total	1,410	711	2,468	3,291	3,104	55.55%

> 58' LOA Total	1,331	266	178	1,192	2,690	28.62%
≤ 58' LOA Total	172	2,670	3,525	3,940	3,804	71.38%
Grand Total	1,503	2,937	3,702	5,132	6,495	

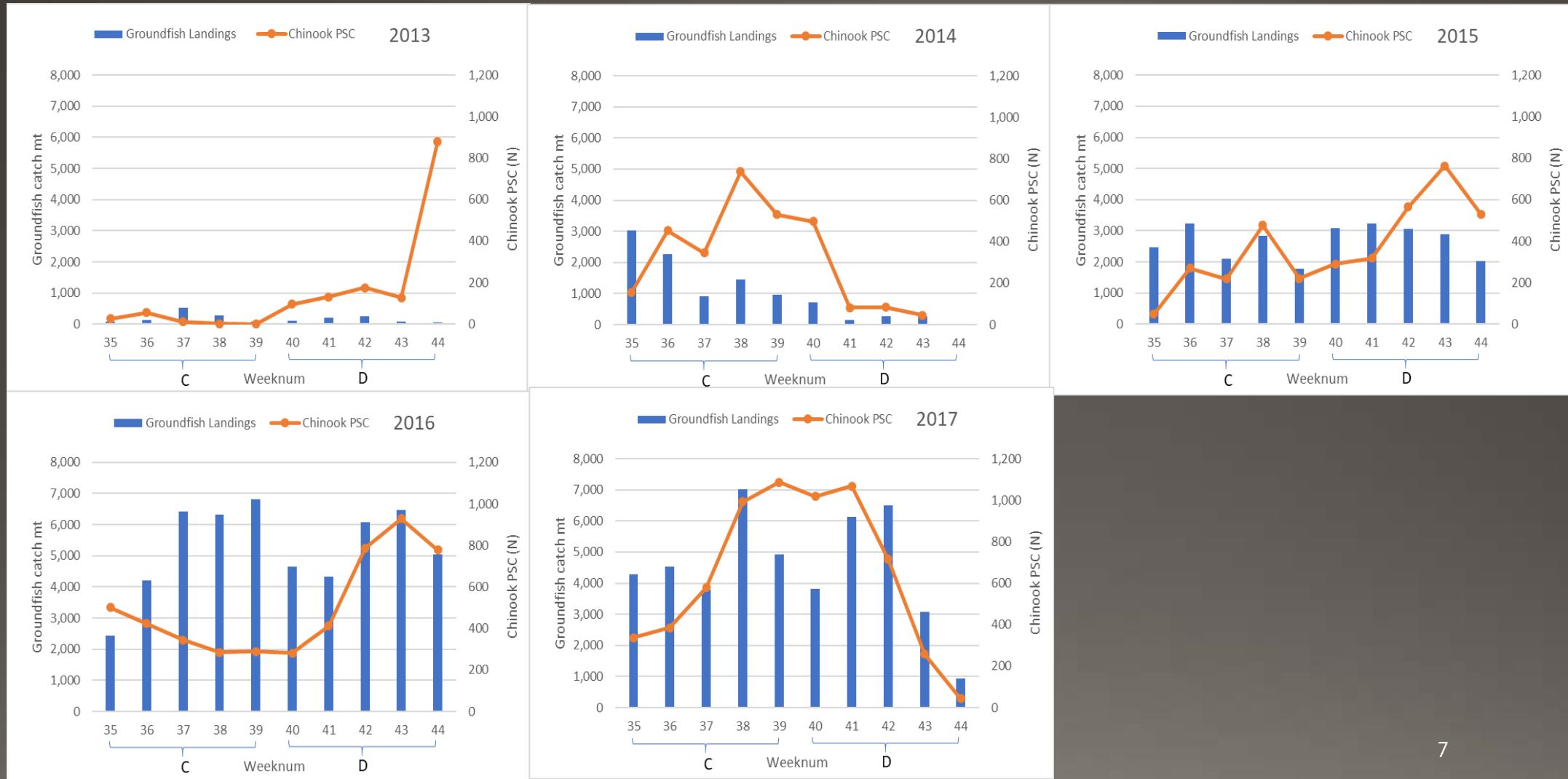
Pollock Landings

C Season	2013	2014	2015	2016	2017	
> 58' LOA	770	947	668	8,153	12,179	
≤ 58' LOA	215	6,702	13,268	22,444	12,798	
Total	985	7,649	13,936	30,597	24,977	58%
D Season	2013	2014	2015	2016	2017	
> 58' LOA	463	C	838	6,125	10,398	
≤ 58' LOA	150	C	11,437	16,319	9,947	
Total	613	917	12,275	22,444	20,345	42%
						Pct
> 58' LOA Total	1,233	C	1,505	14,278	22,577	30.0%
≤ 58' LOA Total	365	C	24,705	38,763	22,745	70.0%
Grand Total	1,598	8,565	26,210	53,041	45,321	

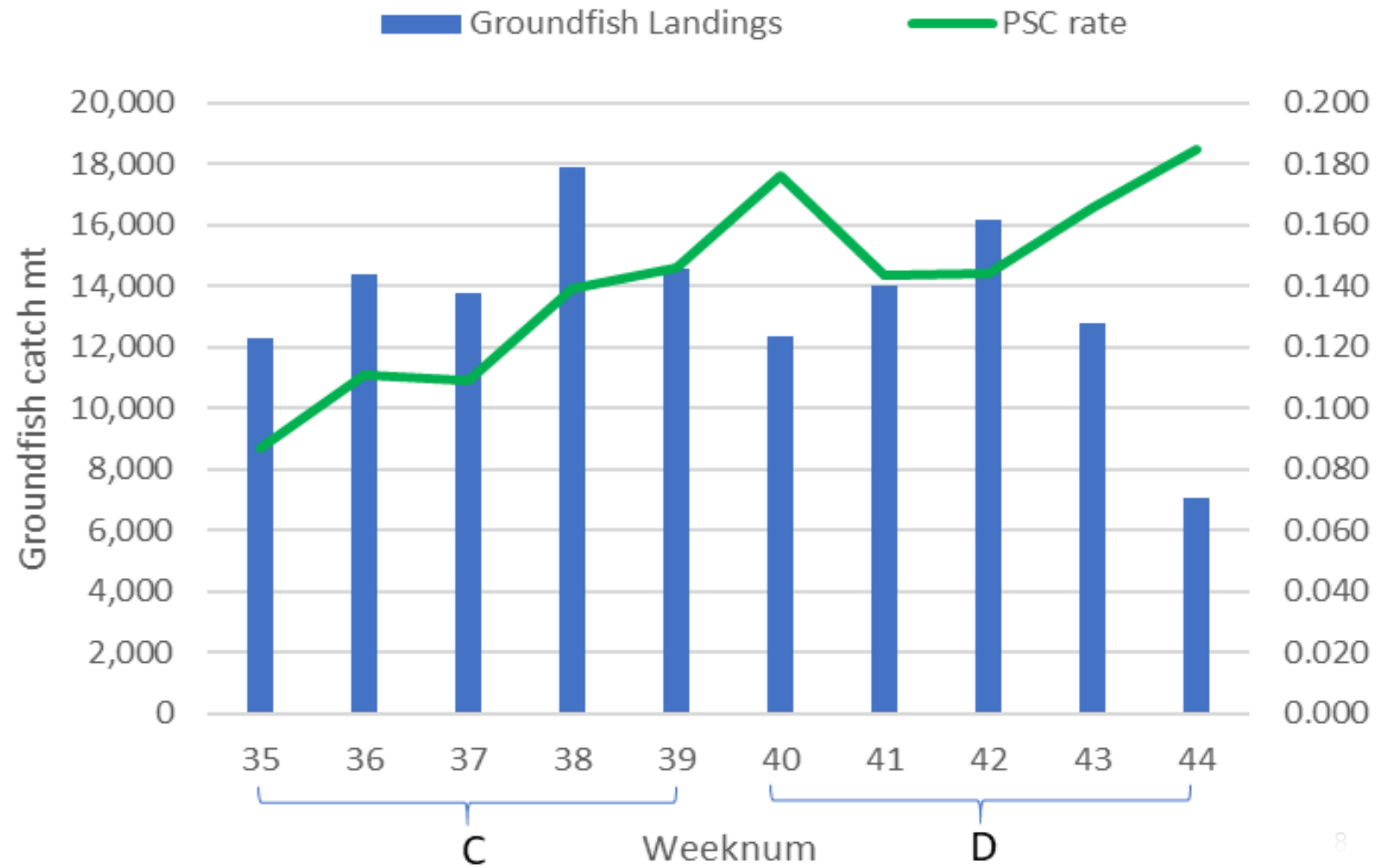
Analysis



Analysis

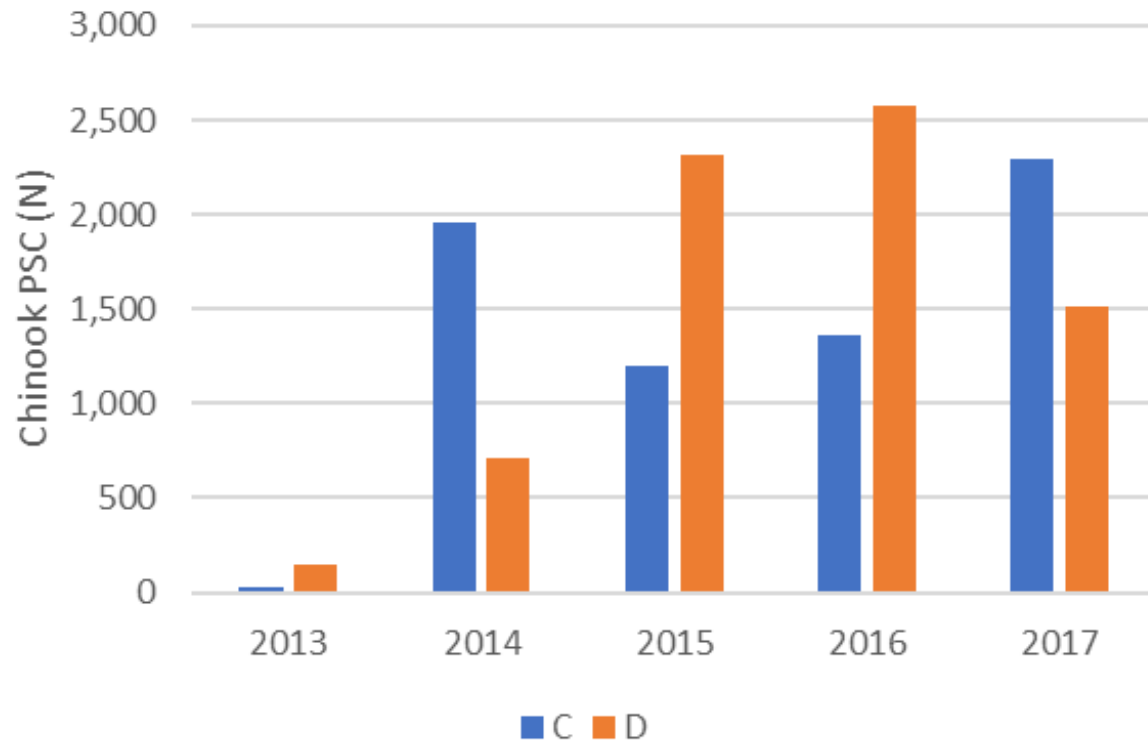


Analysis

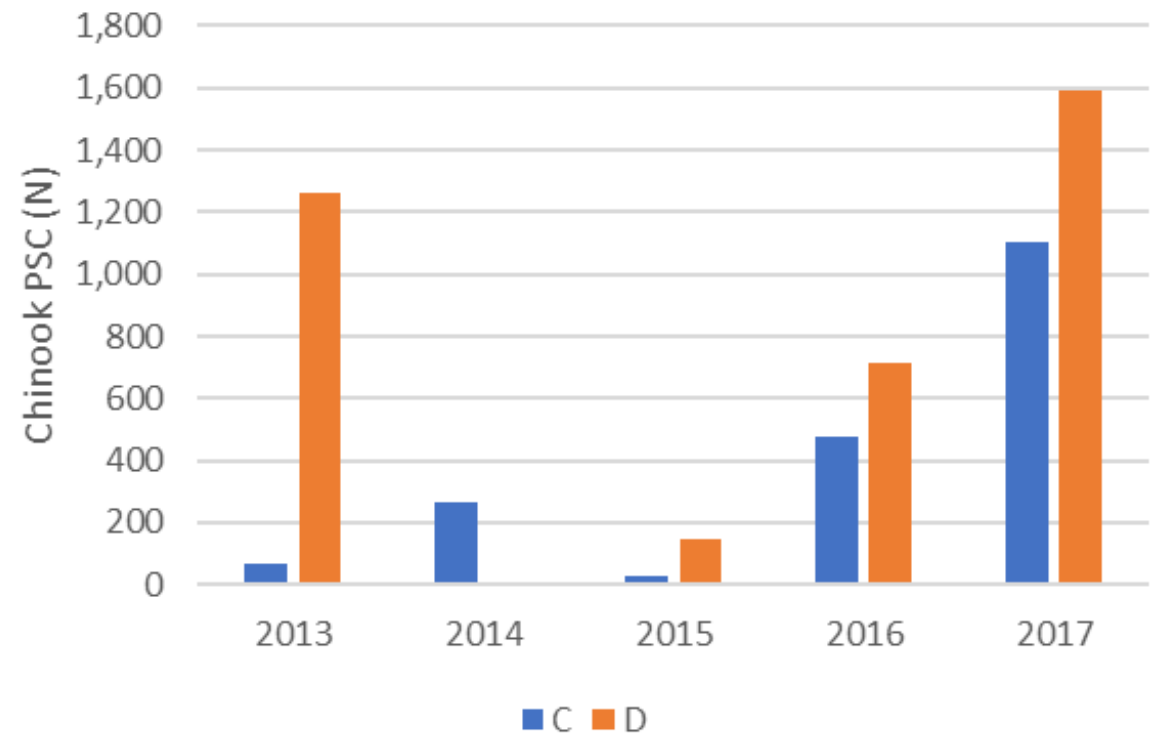


Analysis

≤ 58' LOA Total



> 58' LOA Total



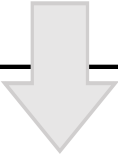
Conclusions

- Not a consistent trend;
- D season does appear to have a greater amount of Chinook PSC, overall
 - Ratios of total landings/total PSC for C/D
 - PSC rate

Options

- Shift TAC between C/D and A/B seasons;
- Combine C and D season pollock TAC
- Move C/D season start dates

Options

		Area 610		Area 620		Area 630		Total W&C GOA	
Season		mt	%	mt	%	mt	%	mt	%
Status quo	A	2,232	4.67%	34,552	72.29%	11,012	23.04%	47,796	25.00%
	B	2,232	4.67%	39,422	82.48%	6,142	12.85%	47,796	25.00%
	C	19,568	40.94%	12,341	25.82%	15,887	33.24%	47,796	25.00%
	D	19,568	40.94%	12,341	25.82%	15,887	33.24%	47,796	25.00%
	Total	43,599		98,655		48,929		191,183	100.00%
									
Season		mt	%	mt	%	mt	%	mt	%
Shift TAC to A/B	A	2,678	4.67%	41,462	72.29%	13,215	23.04%	57,355	30.00%
	B	2,678	4.67%	47,306	82.48%	7,370	12.85%	57,355	30.00%
	C	15,654	40.94%	9,873	25.82%	12,710	33.24%	38,237	20.00%
	D	15,654	40.94%	9,873	25.82%	12,710	33.24%	38,237	20.00%
	Total	36,665		108,514		46,004		191,183	100.00%

Options

- Shift TAC between C/D and A/B seasons;
- Combine C and D season pollock TAC
- Move C/D season start dates