

This addendum was prepared in response to the Council's request to consider potential apportionment options of four different chum salmon prohibited species catch (PSC) limits:

1. 240,000 chum salmon
2. 350,000 chum salmon
3. 450,000 chum salmon
4. 550,000 chum salmon

The apportionment options portrayed are:

1. Based on each sector's AFA allocation
2. Based on each sector's 3-year average level of bycatch
3. A pro-rata approach that weights the amount 25% to AFA and 75% to 3-year average level of bycatch

The percentage and the corresponding number of chum salmon based on the apportionment approach are displayed above the historical levels of chum salmon PSC for each sector and the Bering Sea pollock fishery. Red cells indicate years where the sector or fishery would have exceeded their apportionment or the total PSC limit.

Options based on a chum salmon PSC limit of 240,000:

AFA	10%	36%	45%	9%	100%
	24,000	86,400	108,000	21,600	240,000
Year	CDQ	CP	Inshore	Mothership	Total
2011	3,758	44,299	118,861	24,399	191,317
2012	200	1,928	19,067	977	22,172
2013	554	10,229	110,496	3,835	125,114
2014	2,407	63,066	145,322	8,091	218,886
2015	4,650	40,046	174,343	14,046	233,085
2016	16,342	134,750	144,882	43,262	339,236
2017	87,058	207,355	154,610	16,825	465,848
2018	26,586	99,447	147,369	21,303	294,705
2019	15,726	113,428	172,798	44,860	346,812
2020	8,582	77,138	237,632	19,743	343,095
2021	55,663	97,917	341,779	50,542	545,901
2022	6,365	71,786	131,896	32,262	242,309

3-year average	6%	22%	63%	9%	100%
	14,400	52,800	151,200	21,600	240,000
Year	CDQ	CP	Inshore	Mothership	Total
2011	3,758	44,299	118,861	24,399	191,317
2012	200	1,928	19,067	977	22,172
2013	554	10,229	110,496	3,835	125,114
2014	2,407	63,066	145,322	8,091	218,886
2015	4,650	40,046	174,343	14,046	233,085
2016	16,342	134,750	144,882	43,262	339,236
2017	87,058	207,355	154,610	16,825	465,848
2018	26,586	99,447	147,369	21,303	294,705
2019	15,726	113,428	172,798	44,860	346,812
2020	8,582	77,138	237,632	19,743	343,095
2021	55,663	97,917	341,779	50,542	545,901
2022	6,365	71,786	131,896	32,262	242,309

Pro-rata	7%	25.50%	58.50%	9%	100%
	16,800	61,200	140,400	21,600	240,000
Year	CDQ	CP	Inshore	Mothership	Total
2011	3,758	44,299	118,861	24,399	191,317
2012	200	1,928	19,067	977	22,172
2013	554	10,229	110,496	3,835	125,114
2014	2,407	63,066	145,322	8,091	218,886
2015	4,650	40,046	174,343	14,046	233,085
2016	16,342	134,750	144,882	43,262	339,236
2017	87,058	207,355	154,610	16,825	465,848
2018	26,586	99,447	147,369	21,303	294,705
2019	15,726	113,428	172,798	44,860	346,812
2020	8,582	77,138	237,632	19,743	343,095
2021	55,663	97,917	341,779	50,542	545,901
2022	6,365	71,786	131,896	32,262	242,309

Options based on a chum salmon PSC limit of 350,000:

AFA	10%	36%	45%	9%	100%
	35,000	126,000	157,500	31,500	350,000
Year	CDQ	CP	Inshore	Mothership	Total
2011	3,758	44,299	118,861	24,399	191,317
2012	200	1,928	19,067	977	22,172
2013	554	10,229	110,496	3,835	125,114
2014	2,407	63,066	145,322	8,091	218,886
2015	4,650	40,046	174,343	14,046	233,085
2016	16,342	134,750	144,882	43,262	339,236
2017	87,058	207,355	154,610	16,825	465,848
2018	26,586	99,447	147,369	21,303	294,705
2019	15,726	113,428	172,798	44,860	346,812
2020	8,582	77,138	237,632	19,743	343,095
2021	55,663	97,917	341,779	50,542	545,901
2022	6,365	71,786	131,896	32,262	242,309

3-year average	6%	22%	63%	9%	100%
	21,000	77,000	220,500	31,500	350,000
Year	CDQ	CP	Inshore	Mothership	Total
2011	3,758	44,299	118,861	24,399	191,317
2012	200	1,928	19,067	977	22,172
2013	554	10,229	110,496	3,835	125,114
2014	2,407	63,066	145,322	8,091	218,886
2015	4,650	40,046	174,343	14,046	233,085
2016	16,342	134,750	144,882	43,262	339,236
2017	87,058	207,355	154,610	16,825	465,848
2018	26,586	99,447	147,369	21,303	294,705
2019	15,726	113,428	172,798	44,860	346,812
2020	8,582	77,138	237,632	19,743	343,095
2021	55,663	97,917	341,779	50,542	545,901
2022	6,365	71,786	131,896	32,262	242,309

Pro-rata	7%	25.50%	58.50%	9%	100%
	24,500	89,250	204,750	31,500	350,000
Year	CDQ	CP	Inshore	Mothership	Total
2011	3,758	44,299	118,861	24,399	191,317
2012	200	1,928	19,067	977	22,172
2013	554	10,229	110,496	3,835	125,114
2014	2,407	63,066	145,322	8,091	218,886
2015	4,650	40,046	174,343	14,046	233,085
2016	16,342	134,750	144,882	43,262	339,236
2017	87,058	207,355	154,610	16,825	465,848
2018	26,586	99,447	147,369	21,303	294,705
2019	15,726	113,428	172,798	44,860	346,812
2020	8,582	77,138	237,632	19,743	343,095
2021	55,663	97,917	341,779	50,542	545,901
2022	6,365	71,786	131,896	32,262	242,309

Options based on a chum PSC limit of 450,000:

AFA	10%	36%	45%	9%	100%
	45,000	162,000	202,500	40,500	450,000
Year	CDQ	CP	Inshore	Mothership	Total
2011	3,758	44,299	118,861	24,399	191,317
2012	200	1,928	19,067	977	22,172
2013	554	10,229	110,496	3,835	125,114
2014	2,407	63,066	145,322	8,091	218,886
2015	4,650	40,046	174,343	14,046	233,085
2016	16,342	134,750	144,882	43,262	339,236
2017	87,058	207,355	154,610	16,825	465,848
2018	26,586	99,447	147,369	21,303	294,705
2019	15,726	113,428	172,798	44,860	346,812
2020	8,582	77,138	237,632	19,743	343,095
2021	55,663	97,917	341,779	50,542	545,901
2022	6,365	71,786	131,896	32,262	242,309

3-year average	6%	22%	63%	9%	100%
	27,000	99,000	283,500	40,500	450,000
Year	CDQ	CP	Inshore	Mothership	Total
2011	3,758	44,299	118,861	24,399	191,317
2012	200	1,928	19,067	977	22,172
2013	554	10,229	110,496	3,835	125,114
2014	2,407	63,066	145,322	8,091	218,886
2015	4,650	40,046	174,343	14,046	233,085
2016	16,342	134,750	144,882	43,262	339,236
2017	87,058	207,355	154,610	16,825	465,848
2018	26,586	99,447	147,369	21,303	294,705
2019	15,726	113,428	172,798	44,860	346,812
2020	8,582	77,138	237,632	19,743	343,095
2021	55,663	97,917	341,779	50,542	545,901
2022	6,365	71,786	131,896	32,262	242,309

Pro-rata	7%	25.50%	58.50%	9%	100%
	31,500	114,750	263,250	40,500	450,000
Year	CDQ	CP	Inshore	Mothership	Total
2011	3,758	44,299	118,861	24,399	191,317
2012	200	1,928	19,067	977	22,172
2013	554	10,229	110,496	3,835	125,114
2014	2,407	63,066	145,322	8,091	218,886
2015	4,650	40,046	174,343	14,046	233,085
2016	16,342	134,750	144,882	43,262	339,236
2017	87,058	207,355	154,610	16,825	465,848
2018	26,586	99,447	147,369	21,303	294,705
2019	15,726	113,428	172,798	44,860	346,812
2020	8,582	77,138	237,632	19,743	343,095
2021	55,663	97,917	341,779	50,542	545,901
2022	6,365	71,786	131,896	32,262	242,309

Options based on a chum salmon PSC limit of 550,000:

AFA	10%	36%	45%	9%	100%
	55,000	198,000	247,500	49,500	550,000
Year	CDQ	CP	Inshore	Mothership	Total
<b>2011</b>	3,758	44,299	118,861	24,399	191,317
<b>2012</b>	200	1,928	19,067	977	22,172
<b>2013</b>	554	10,229	110,496	3,835	125,114
<b>2014</b>	2,407	63,066	145,322	8,091	218,886
<b>2015</b>	4,650	40,046	174,343	14,046	233,085
<b>2016</b>	16,342	134,750	144,882	43,262	339,236
<b>2017</b>	87,058	207,355	154,610	16,825	465,848
<b>2018</b>	26,586	99,447	147,369	21,303	294,705
<b>2019</b>	15,726	113,428	172,798	44,860	346,812
<b>2020</b>	8,582	77,138	237,632	19,743	343,095
<b>2021</b>	55,663	97,917	341,779	50,542	545,901
<b>2022</b>	6,365	71,786	131,896	32,262	242,309

3-year average	6%	22%	63%	9%	100%
	33,000	121,000	346,500	49,500	550,000
Year	CDQ	CP	Inshore	Mothership	Total
<b>2011</b>	3,758	44,299	118,861	24,399	191,317
<b>2012</b>	200	1,928	19,067	977	22,172
<b>2013</b>	554	10,229	110,496	3,835	125,114
<b>2014</b>	2,407	63,066	145,322	8,091	218,886
<b>2015</b>	4,650	40,046	174,343	14,046	233,085
<b>2016</b>	16,342	134,750	144,882	43,262	339,236
<b>2017</b>	87,058	207,355	154,610	16,825	465,848
<b>2018</b>	26,586	99,447	147,369	21,303	294,705
<b>2019</b>	15,726	113,428	172,798	44,860	346,812
<b>2020</b>	8,582	77,138	237,632	19,743	343,095
<b>2021</b>	55,663	97,917	341,779	50,542	545,901
<b>2022</b>	6,365	71,786	131,896	32,262	242,309

Pro-rata	7%	25.50%	58.50%	9%	100%
	38,500	140,250	321,750	49,500	550,000
Year	CDQ	CP	Inshore	Mothership	Total
<b>2011</b>	3,758	44,299	118,861	24,399	191,317
<b>2012</b>	200	1,928	19,067	977	22,172
<b>2013</b>	554	10,229	110,496	3,835	125,114
<b>2014</b>	2,407	63,066	145,322	8,091	218,886
<b>2015</b>	4,650	40,046	174,343	14,046	233,085
<b>2016</b>	16,342	134,750	144,882	43,262	339,236
<b>2017</b>	87,058	207,355	154,610	16,825	465,848
<b>2018</b>	26,586	99,447	147,369	21,303	294,705
<b>2019</b>	15,726	113,428	172,798	44,860	346,812
<b>2020</b>	8,582	77,138	237,632	19,743	343,095
<b>2021</b>	55,663	97,917	341,779	50,542	545,901
<b>2022</b>	6,365	71,786	131,896	32,262	242,309