

**Columbia River North of Falcon Meeting**  
**Hosted by Washington and Oregon Departments of Fish and Wildlife**  
**April 2, 2018**  
**10AM ~ 4:00 PM**  
**WDFW Region 5 Office – Ridgefield, WA**

**Agenda**

- ❖ **Introductions (10:00 AM)**
- ❖ **Review Handout (10:15 – 12:00 PM) (handout) – Staff**
  - Stakeholder Options
  - Review of Fall Chinook Models
- ❖ **Break (12:00 PM – 1:00 PM)**
- ❖ **Summer Chinook options (1:00 PM) (handout) – Staff**
- ❖ **Fall Chinook Model refinement**
  - Goal – get to one or two options for final analysis
- ❖ **Next Steps**
  - Final preseason plan finalized April 5-10 at PFMC

PFMC meeting – Sheraton Portland Airport Hotel  
8235 NE Airport Way, Portland, OR

**2018 Stakeholder Options for Fall Season Sport Fisheries**

<b>Category</b>	<b>Regulation</b>	<b>Social Issues</b>	<b>Enforcement</b>	<b>Agency</b>	<b>Savings - Impacts</b>
Chinook Bag Limit	Daily Bag = 1	Generally supported	Enforceable	Supported	Savings: <10%
	Season Bag 2-5 fish	Mixed Support	Requires additional effort/Challenging to enforce	Loopholes exist	Moderate savings
	100 % Mark-selective	Unpopular	Enforceable	Possible but poor choice, esp. in low MR areas	Savings ~ 60-70%
	50 % Mark-selective	Less unpopular	Enforceable/Causes confusion for anglers	Needs to be in blocks or 50% more flights if alternating	Savings 20-30%, depending on area
Gear Restriction	Rack rod	Mixed Support	Not enforceable	Minimal savings unless 1 fish bag	Savings <5%
	No lures	Unpopular	Difficult to enforce/requires additional effort	Not needed	Savings ~75%
Time Restriction	1pm closure	Boat ramp crowding	Enforceable if all species closed/requires additional effort	Complicates sampling/reduced CWT recovery rates	20-30% savings during concurrent salmonid openers
	3pm closure	Boat ramp crowding	Enforceable if all species closed/requires additional effort	Complicates sampling/limited benefit	10-15% savings during concurrent salmonid openers
	Avoid good tide days -B10	Mixed Support	Enforceable	Effort shift limits effect	Similar to block closures/savings ~17%
	Alternate days	Mixed Support	Enforceable	OK at B10 where daily estimates are done/difficult elsewhere	Saving 35-40%
	B10 4/7 days	Mixed Support	Easy to enforce	Only works at B10/requires more flights for other areas	Savings ~35%
	Time blocks	Mixed Support	Enforceable	Supported	Depends on how long
Area Restriction	Trib bubble closure	Support unclear	Unenforceable	Benefit difficult to measure; boundaries difficult to define	Savings possible
	Close Megler-Wauna	Support unclear	Enforceable	Effort shift limits effect	Not assessed

Model Summaries - Columbia River North of Falcon #2

	MR2018-B5 Full - Base Season			MR2018-A B10 days per week (Tu/Th/Sa/Su)			MR2018-B Time Blocks			
	Harvest	Season		Harvest	Season		Harvest	Season		
<b>Sport</b>										
B10	20,080	Aug 1-Labor Day	34d	11,850	Aug 1-14, 4d/wk	Aug 16-28	22d	11,850	Aug 1-22	22d
TP - Lewis	6,100	Aug 1-Sept 14	45d	4,050	Aug 1 -Sep 2		33d	4,040	Aug 1 -Sep 1	32d
Lewis - Bonn	13,660	Aug 1-Oct 31	92d	5,660	Aug 1-Sep 9		40d	5,650	Aug 1-Sep 8	39d
Bonn - McN	3,830	Aug 1-Oct 31	92d	1,590	1-Aug		inseason	1,590	1-Aug	inseason
<b>Commercial</b>										
Week 33	3,710	3d/wk		2,480	2d/wk			2,480	2d/wk	
Week 34	3,710	3d/wk		3,710	3d/wk			3,710	3d/wk	
Week 35	7,370	3d/wk		3,540	1 day			3,540	1 day	
Sept	11,320	9 days								
Coho TN	710	October		710	October			710	October	
Select Area	8,720	Full season		8,720	Full season			8,720	Full season	
<hr/>										
URB - Sport	69%			70%				70%		
URB - Comm	31%			30%				30%		
URB - Total HR	17.8%			8.25%				8.25%		
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LRH - Sport	70%			72%				72%		
LRH - Comm	30%			28%				28%		
LRH - Total ER	42.5%			37.90%				37.90%		
LRH - Total inriver ER	10.57%			6.01%				6.01%		

	MR2018-C B10 MSF and NMSF			MR2018-D 1PM Close (B10-Lewis) +Night Closure		
	Harvest	Season		Harvest	Season	
<b>Sport</b>						
B10	17,440	Aug 1-22 MSF; Aug 23-27 NMSF	22d+5d=27d	11,890	Aug 1-25; 1p close	25d
TP - Lewis	4,050	Aug 1 -Sep 2	33d	4,020	Aug 1 -Sep 4; 1p close	35d
Lewis - Bonn	5,660	Aug 1-Sep 9	40d	5,660	Aug 1-Sep 8	39d
Bonn - McN	1,580	1-Aug	inseason	1,590	1-Aug	inseason
<b>Commercial</b>						
Week 33	2,480	2d/wk		2,480	2d/wk	
Week 34	3,710	3d/wk		3,710	3d/wk	
Week 35	3,540	1 day		3,540	1 day	
Sept						
Coho TN	710	October		710	October	
Select Area	8,720	Full season		8,720	Full season	
<hr/>						
URB - Sport	69%			70%		
URB - Comm	31%			30%		
URB - Total HR	8.25%			8.25%		
<hr/>						
LRH - Sport	65%			72%		
LRH - Comm	35%			28%		
LRH - Total ER	36.70%			37.90%		
LRH - Total inriver ER	4.82%			6.01		

NOTES:

All sport fisheries modeled with 1 Chinook bag limit

ODFW/WDFW April 2, 2018



# Columbia River Fall Chinook Fishery Model Summary

Ocean Option: March PFMC Ocean Option 2  
 Columbia River Model Option: MR2018-A  
 30-Mar-18 9:11 AM

MR2018-A

Average URB % by Fishery (Sport) B10 4d/wk late PRELIMINARY

Management Guidelines	Goal/Guideline	SRW	Total URB
Harvest Rate	38.3%	38.25%	38.25%
Non-Indian	8.25%	8.25%	8.25%
Treaty Indian	30.0%	30.00%	30.00%
% of Harvestable Surplus			
Non-Indian	50%	30%	
Treaty Indian	50%	41%	
McNary Escapement	60,000	112,800	
LRH Ocean/River Exp. Rate	38%	37.9%	
Non-Indian Wild B Index Steelhead	2%	2.0%	
Treaty Indian Total B Index Steelhead	15%	15%	
Upriver Coho to Bonneville Dam	50%	76%	
Lower Columbia Chum	5%	0.0%	

Non-Indian Catch Sharing			
SRW - IMPACTS		Brights - Mainstem	
Impact	Percent	Mortalities	Percent
Sport	5.74%	15,900	75%
Comm	2.51%	5,400	25%
Sport		Harvest	
Comm		23,100	
Chinook - Mainstem			
LRH - Impacts		Mortalities	
Impact	Percent	Sport	Percent
Sport	4.32%	23,100	69%
Comm	1.69%	10,400	31%
Sport		Harvest	
Comm		10,400	

	LRH	LRW	BPH	URB	BUB	LRB	PUB	SAB	SRW	LRH	SRW	HR
<b>Ocean Harvest</b>	56,750	11,260	15,580	22,650	0	410	4,320	5,300	9,600	6.0%	7.8%	
<b>Columbia River Run</b>	366,050	7,640	50,350	199,620	0	3,660	37,180	5,300	9,600	6.0%	7.8%	
<b>Harvest Below Bonneville</b>												
Zone 4-5 Wk 33	2,480	360	930	1,020	0	0	160	0	50	0.3%	0.5%	
Zone 4-5 Wk 34	3,710	540	1,390	1,540	0	10	230	0	70	0.5%	0.8%	
Zone 4-5 Wk 35	3,540	430	1,260	1,550	0	20	270	10	70	0.4%	0.8%	
Zone 4-5 Wk 36	0	0	0	0	0	0	0	0	0	0.0%	0.0%	
Zone 4-5 Wk 38	0	0	0	0	0	0	0	0	0	0.0%	0.0%	
Zone 4-5 Wk 39	0	0	0	0	0	0	0	0	0	0.0%	0.0%	
Zone 4-5 Wk 40	0	0	0	0	0	0	0	0	0	0.0%	0.0%	
Selma Fishery	0	0	0	0	0	0	0	0	0	0.0%	0.0%	
Oct Coho 6-inch	0	0	0	0	0	0	0	0	0	0.0%	0.0%	
Select Areas	710	100	10	510	0	0	70	0	20	0.1%	0.3%	
Buoy 10 Kept + Moris	8,720	5,190	270	400	0	0	60	2,810	20	0.4%	0.2%	
TP to Lewis	11,850	3,170	2,110	3,480	0	60	650	1,270	170	3.5%	1.7%	
Lewis to Bonn	4,050	510	150	2,690	0	40	510	20	130	0.6%	1.4%	
Tributary Sport	5,660	230	160	4,320	0	90	850	0	210	0.3%	2.2%	
<b>Lower River Total</b>	3,990	3,170	820	0	0	0	0	0	0	0.0%	0.0%	
<b>Lower River Total</b>	44,710	13,710	6,270	15,510	0	220	2,810	4,110	750	6.0%	7.77%	
Bonneville Dam Passage	247,860		40,620	184,110	0		23,130		8,850			
<b>Harvest Above Bonneville</b>	1,590		960		0		640		50		0.5%	
Zone 6 - Bonn to Hwy 395	90,200		59,890		0		9,470		2,880		30.0%	
Treaty Comm. and C&S	7,510		7,510		0				0			
Hanford Reach Sport												
McNary Dam Passage	112,770		112,770									
Lower Granite Dam Passage												

## Fishery Description

2 days	Aug 14, Aug 16
3 days	Aug 19, 21, 23
1 day	Aug 28
	Sep 2 - Sep 8
	Sep 9 - Sep 15
	Sep 23 - Sep 29
	Sep 30 - Oct 6
	Coho target
October	Full Season
	Thru Aug 28
	Thru Sep 2
	Thru Sept 9
	Full season
	1 Chin/NMSF/Aug 1-14 and 4d/wk Aug 16-28
	1 Chin
	1 Chin
	MSF
	1 Chin
	Manage Inseason
	Average season
	Average season

# Columbia River Fall Chinook Fishery Model Summary

Ocean Option:  
Columbia River Model Option:

March PPMC Ocean Option 2  
Model  
MR2018-B

30-Mar-18  
9:10 AM

MR2018-B

Average URB % by Fishery (Sport) Time Blocks PRELIMINARY

Management Guidelines	Goal/Guideline	SRW	Total URB
Harvest Rate	38.3%	38.25%	38.25%
Non-Indian	8.25%	8.25%	8.25%
Treaty Indian	30.0%	30.00%	30.00%
% of Harvestable Surplus			
Non-Indian	50%	30%	
Treaty Indian	50%	41%	
McNary Escapement	60,000	112,800	
LRH Ocean/Inriver Exp. Rate	38%	37.9%	
Non-Indian Wild B Index Steelhead	2%	2.0%	
Treaty Indian Total B Index Steelhead	15%	15%	
Upriver Coho to Bonneville Dam	50%	76%	
Lower Columbia Chum	5%	0.0%	

Non-Indian Catch Sharing			
SRW - IMPACTS		Brights - Mainstem	
Impact	Percent	Mortalities	Percent
Sport	5.73%	15,900	75%
Comm	2.51%	5,400	25%
LRH - Impacts		Chinook - Mainstem	
Impact	Percent	Mortalities	Percent
Sport	4.32%	23,100	69%
Comm	1.69%	10,400	31%

	Total	LRH	LRW	BPH	URB	BUB	LRB	PUB	SAB	SRW	SRW HR
<b>Ocean Harvest</b>	56,750	11,260	2,520	15,580	22,650	0	410	4,320	5,300	9,600	7.8%
<b>Columbia River Run</b>	366,050	62,300	7,640	50,350	199,620	0	3,660	37,180	5,300	9,600	7.8%
<b>Harvest Below Bonneville</b>	2,480	360	0	930	1,020	0	0	160	0	50	0.5%
Zone 4-5 Wk 33	3,710	540	0	1,390	1,540	0	10	230	0	70	0.8%
Zone 4-5 Wk 34	3,540	430	10	1,260	1,550	0	20	270	10	70	0.8%
Zone 4-5 Wk 35	0	0	0	0	0	0	0	0	0	0	0.0%
Zone 4-5 Wk 36	0	0	0	0	0	0	0	0	0	0	0.0%
Zone 4-5 Wk 37	0	0	0	0	0	0	0	0	0	0	0.0%
Zone 4-5 Wk 38	0	0	0	0	0	0	0	0	0	0	0.0%
Zone 4-5 Wk 39	0	0	0	0	0	0	0	0	0	0	0.0%
Zone 4-5 Wk 40	0	0	0	0	0	0	0	0	0	0	0.0%
Oct Z1-5	0	0	0	0	0	0	0	0	0	0	0.0%
Seine Fishery	0	0	0	0	0	0	0	0	0	0	0.0%
Oct Coho 6-inch	0	0	0	0	0	0	0	0	0	0	0.0%
Oct Coho Tanglenet	710	100	30	10	510	0	0	70	0	20	0.3%
Select Areas	8,720	5,190	0	270	400	0	0	60	2,810	20	0.2%
Buoy 10 Kept + Morts	11,850	3,170	150	2,110	3,480	0	60	650	1,270	170	1.7%
TP to Lewis	4,040	510	130	150	2,690	0	40	510	20	130	1.3%
Lewis to Bonn	5,650	230	0	160	4,320	0	90	850	0	210	0.3%
Tributary Sport	3,990	3,170	820	0	0	0	0	0	0	0	0.0%
<b>Lower River Total</b>	<b>44,700</b>	<b>13,710</b>	<b>1,140</b>	<b>6,270</b>	<b>15,500</b>	<b>0</b>	<b>220</b>	<b>2,800</b>	<b>4,110</b>	<b>750</b>	<b>7.77%</b>
Bonneville Dam Passage	247,870			40,620	184,110	0		23,130		8,850	
<b>Harvest Above Bonneville</b>	1,590			960		0		640		50	0.5%
Zone 6 - Bonn to Hwy 395	90,200			20,840	59,890	0		9,470		2,880	30.0%
Treaty Comm. and C&S	7,510			7,510		0				0	
Hanford Reach Sport											
McNary Dam Passage	112,770										
Lower Granite Dam Passage											

## Fishery Description

2 days	Aug 14, Aug 16
3 days	Aug 19, 21, 23
1 day	Aug 28
	Sep 2 - Sep 8
	Sep 9 - Sep 15
	Sep 23 - Sep 29
	Sep 30 - Oct 6
October	Coho target
	Full Season
Non MSF	Thru Aug 22
Non MSF	Thru Sep 1
	Thru Sept 8
	Full season
1 Chin	Manage Inseason
1 Chin	Average season
MSF	Average season



# Columbia River Fall Chinook Fishery Model Summary

Ocean Option:  
Columbia River Model Option:

March PPMC Ocean Option 2  
Model  
MR2018-D  
1PM Close B10 and TP-Lewis

30-Mar-18  
9:12 AM

MR2018-D

PRELIMINARY

Management Guidelines	Goal/Guideline	SRW	Total URB
Harvest Rate	38.3%	38.25%	38.25%
Non-Indian	8.25%	8.25%	8.25%
Treaty Indian	30.0%	30.00%	30.00%
% of Harvestable Surplus		<b>Total</b>	
Non-Indian	50%	30%	
Treaty Indian	50%	41%	
McNary Escapement	60,000	112,800	
LRH Ocean/Inriver Exp. Rate	38%	37.9%	
Non-Indian Wild B Index Steelhead	2%	2.0%	
Treaty Indian Total B Index Steelhead	15%	15%	
Upriver Coho to Bonneville Dam	50%	76%	
Lower Columbia Chum	5%	0.0%	

Non-Indian Catch Sharing			
SRW - IMPACTS		Brights - Mainstem	
Impact	Percent	Mortalities	Percent Harvest
Sport	5.74%	15,900	75%
Comm	2.51%	5,400	25%
<b>Total</b>		<b>21,300</b>	<b>50%</b>
LRH - Impacts		Chinook - Mainstem	
Impact	Percent	Mortalities	Percent Harvest
Sport	4.33%	23,200	69%
Comm	1.69%	10,400	31%
<b>Total</b>		<b>33,600</b>	<b>50%</b>

	Total	LRH	LRW	BPH	URB	BUB	LRB	PUB	SAB	SRW	LRH	SRW	HR
<b>Ocean Harvest</b>	56,750	11,260	2,520	15,580	22,650	0	410	4,320	5,300	9,600	6.0%	7.8%	
<b>Columbia River Run</b>	366,050	62,300	7,640	50,350	199,620	0	3,660	37,180	5,300	9,600	6.0%	7.8%	
<b>Harvest Below Bonneville</b>	2,480	360	0	930	1,020	0	0	160	0	50	0.3%	0.5%	
Zone 4-5 Wk 33	3,710	540	0	1,390	1,540	0	10	230	0	70	0.5%	0.8%	
Zone 4-5 Wk 34	3,540	430	10	1,260	1,550	0	20	270	10	70	0.4%	0.8%	
Zone 4-5 Wk 35	0	0	0	0	0	0	0	0	0	0	0.0%	0.0%	
Zone 4-5 Wk 36	0	0	0	0	0	0	0	0	0	0	0.0%	0.0%	
Zone 4-5 Wk 38	0	0	0	0	0	0	0	0	0	0	0.0%	0.0%	
Zone 4-5 Wk 39	0	0	0	0	0	0	0	0	0	0	0.0%	0.0%	
Zone 4-5 Wk 40	0	0	0	0	0	0	0	0	0	0	0.0%	0.0%	
Oct Z1-5	0	0	0	0	0	0	0	0	0	0	0.0%	0.0%	
Seine Fishery	0	0	0	0	0	0	0	0	0	0	0.0%	0.0%	
Oct Coho 6-inch	0	0	0	0	0	0	0	0	0	0	0.0%	0.0%	
Oct Coho Tanglenet	710	100	30	10	510	0	0	70	0	20	0.1%	0.3%	
Select Areas	8,720	5,190	0	270	400	0	0	60	2,810	20	0.4%	0.2%	
Buoy 10 Kept + Morts	11,890	3,190	150	2,110	3,490	0	60	660	1,280	170	3.5%	1.7%	
TP to Lewis	4,020	510	130	150	2,680	0	40	510	20	130	0.6%	1.3%	
Lewis to Bonn	5,660	230	0	160	4,320	0	90	850	0	210	0.3%	2.2%	
Tributary Sport	3,990	3,170	820	0	0	0	0	0	0	0	0.0%	0.0%	
<b>Lower River Total</b>	<b>44,730</b>	<b>13,720</b>	<b>1,140</b>	<b>6,270</b>	<b>15,510</b>	<b>0</b>	<b>220</b>	<b>2,800</b>	<b>4,110</b>	<b>750</b>	<b>6.0%</b>	<b>7.77%</b>	
Bonneville Dam Passage	247,860			40,620	184,110	0		23,130		8,850			
<b>Harvest Above Bonneville</b>	1,590			960		0		640		50		0.5%	
Zone 6 - Bonn to Hwy 395	90,200			20,840	59,890	0		9,470		2,880		30.0%	
Treaty Comm. and C&S	7,510			7,510		0				0			
Hanford Reach Sport													
<b>McNary Dam Passage</b>	112,770			112,770									
Lower Granite Dam Passage													

## Fishery Description

Aug 12 - Aug 18	2 days	
Aug 19 - Aug 25	3 days	
Aug 26 - Sep 1	1 days	
Sep 2 - Sep 8		
Sep 9 - Sep 15		
Sep 23 - Sep 29		
Sep 30 - Oct 6		
Coho target	October	
Full Season		
Thru Aug 25		
Thru Sept 4		
Thru Sept 8		
Full season		
1PM Close		
1PM Close/No MSF		
1 Chin		
1 Chin		
1 Chin		
MSF		
Manage Inseason		
Average season		
Average season		



**Summer Chinook Handout for North of Falcon #2  
April 2, 2018**

<b>2018 Non-Treaty Summer Chinook Fisheries Expectations</b>	
Run size at Columbia River mouth:	67,300
<b>Fishery</b>	
PFMC Ocean Fisheries	9,238
Below Priest Rapids Dam (PRD)	32.4%
Commercial below BON	727
Recreational Below Bonneville	2,471
Recreational BON to PRD	436
Below PRD Total	3,633
Above Priest Rapids Dam (PRD)	67.6%
Wanapum Tribal	300
Colville Tribal	3,790
Recreational above PRD	3,490
Above PRD Total	7,580
<b>Non-Treaty Total</b>	<b>20,452</b>

<b>2018 Summer Chinook Sport season options</b>			
<b>Below Bonneville</b>		<b>Days</b>	<b>Start Day</b>
Option 1.	June 16-June 26	11	Sat
Option 2.	June 27- July 31	35	Wed
Option 3.	June 24- July 7	14	Sun
Option 4.	June 22 - July 4	13	Fri
1 Chinook daily limit			
<b>Bonneville to PRD</b>			
	June 16-July 31	46	Sat
2 Chinook daily limit			

Note: No sockeye retention throughout Columbia River