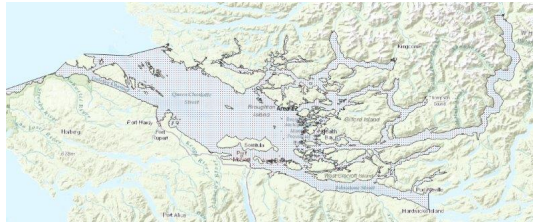


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 12 August 2019



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



Fisheries and Oceans
Canada

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Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

Date	Day Type	Alder Bay Campsite		Bear Cove		Port McNeill Ramp		Quarterdeck Marina		Telegraph Cove	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
29 Jul 2019	Midweek			26							
30 Jul 2019	Midweek				11						
31 Jul 2019	Midweek						10				
01 Aug 2019	Midweek									23	
02 Aug 2019	Midweek				14					35	
03 Aug 2019	Weekend	18			29						
04 Aug 2019	Weekend						25		18		
05 Aug 2019	Weekend			31							
06 Aug 2019	Midweek				25						
07 Aug 2019	Midweek						13				
08 Aug 2019	Midweek		20								
09 Aug 2019	Midweek								7	25	
10 Aug 2019	Weekend								11	25	
11 Aug 2019	Weekend		17	32							
12 Aug 2019	Midweek							5			
13 Aug 2019	Midweek			26							
14 Aug 2019	Midweek		20								
15 Aug 2019	Midweek										21
16 Aug 2019	Midweek			7		5					
17 Aug 2019	Weekend					13		7			
18 Aug 2019	Weekend		19						12		
19 Aug 2019	Midweek			12							
20 Aug 2019	Midweek			17							
21 Aug 2019	Midweek										
22 Aug 2019	Midweek					18					
23 Aug 2019	Midweek	4							7		
24 Aug 2019	Weekend								8	17	
25 Aug 2019	Weekend				15					16	
26 Aug 2019	Midweek										
27 Aug 2019	Midweek								5		
28 Aug 2019	Midweek			6							19
29 Aug 2019	Midweek	1									
30 Aug 2019	Midweek			10							
31 Aug 2019	Weekend			12							15
01 Sep 2019	Weekend										
02 Sep 2019	Weekend										
03 Sep 2019	Midweek										

Table 2: Daily tally of interviews, catch and effort.

Date	Day	Average Fishing Conditions	Interviews & Log Trips	Chinook	Coho	Sockeye	Halibut	Observed Fishing	Flight Time	Expanded Fishing
29-Jul-2019	Monday	choppy	26	3	14					
30-Jul-2019	Tuesday	choppy	12	6	3			126	1009	229
31-Jul-2019	Wednesday	calm/rippled	11	7	1		2			
01-Aug-2019	Thursday	choppy	23	11	2					
02-Aug-2019	Friday	calm/rippled	50	18	4		4			
03-Aug-2019	Saturday	choppy	49	26	2		6			
04-Aug-2019	Sunday	choppy	44	18	5		3			
05-Aug-2019	Monday (B.C. Day)	calm/rippled	31	20	2		3			
06-Aug-2019	Tuesday	calm/rippled	25	7	6		2			
07-Aug-2019	Wednesday	choppy	13	4	2		6			
08-Aug-2019	Thursday	calm/rippled	20	3			3			
09-Aug-2019	Friday	calm/rippled	32	9	1		1	102	1027	184
10-Aug-2019	Saturday	calm/rippled	36	23	4		2	143	1020	231
11-Aug-2019	Sunday	calm/rippled	49	19	6		2			
12-Aug-2019	Monday	choppy	5	2	3					
13-Aug-2019	Tuesday	calm/rippled	26	23	2					
14-Aug-2019	Wednesday	choppy	20	7	1		1			
15-Aug-2019	Thursday	choppy	21	9	1					
16-Aug-2019	Friday	frequent whitecaps	12	7				55	1006	100
17-Aug-2019	Saturday	calm/rippled	20	15	1		2			
18-Aug-2019	Sunday	choppy	31	19	4		1			
19-Aug-2019	Monday	calm/rippled	12	8			2			
20-Aug-2019	Tuesday	calm/rippled	17	20	1			33	0952	62
21-Aug-2019	Wednesday		0							
22-Aug-2019	Thursday	calm/rippled	18	15	4					
23-Aug-2019	Friday	frequent whitecaps	11	4	1	1				
24-Aug-2019	Saturday	calm/rippled	25	20	8		4	93	1013	155
25-Aug-2019	Sunday	choppy	31	24	10		1			
26-Aug-2019	Monday		0							
27-Aug-2019	Tuesday	calm/rippled	5	2						
28-Aug-2019	Wednesday	calm/rippled	25	13	12					
29-Aug-2019	Thursday	calm/rippled	1							
30-Aug-2019	Friday	calm/rippled	10	5	1			0	1130	0
31-Aug-2019	Saturday	choppy	27	11	8					
01-Sep-2019	Sunday		0							
02-Sep-2019	Monday (Labour Day)		0							
03-Sep-2019	Tuesday		0							
	Totals	calm/rippled	346	167	41	1	19	48*		87*
	Totals	choppy	343	195	50		24	118*		193*

* Average number of boats Observed and Expanded

Table 3: Simple area based cpue (catch per boat trip) expansion.

Day Type	Average Expanded Boats	Number of Days	Total Estimated Effort	CPUE				Retained			
				Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut
Midweek	87	21	1827	0.4830	0.1180	0.0030	0.0550	882	216	5	100
Weekend	193	10	1930	0.5690	0.1460		0.07	1098	282		135

Table 4: Recent years estimates of retained catch and effort.

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	August	5906	1898	4740	3508	1274
2015	August	5637	3922	3548	13	1515
2016	August	5246	1892	1243	25	457
2017	August	5419	4225	679	67	255
2018	August	5876	2160	376	3646	227
2019	August	5027	2697	367	6	385
5-Yr Avg	August	5617	2819	2117	1452	746

Table 5: Sport Head Recovery Review.

Species	Creel Marked Catch	Creel Mark Rate	Creel Submission Rate	iRec Marked Catch	iRec Mark Rate	iRec Submission Rate	Sport Head Recoveries
Coho	156	43%	22%	317	19%	11%	34
Chinook	214	8%	35%	357	9%	21%	75

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	892	5%
iRec Anglers	15862	7%
iRec Responses	356	12%

Figure 1: Proportion of each day's fishing by hour.

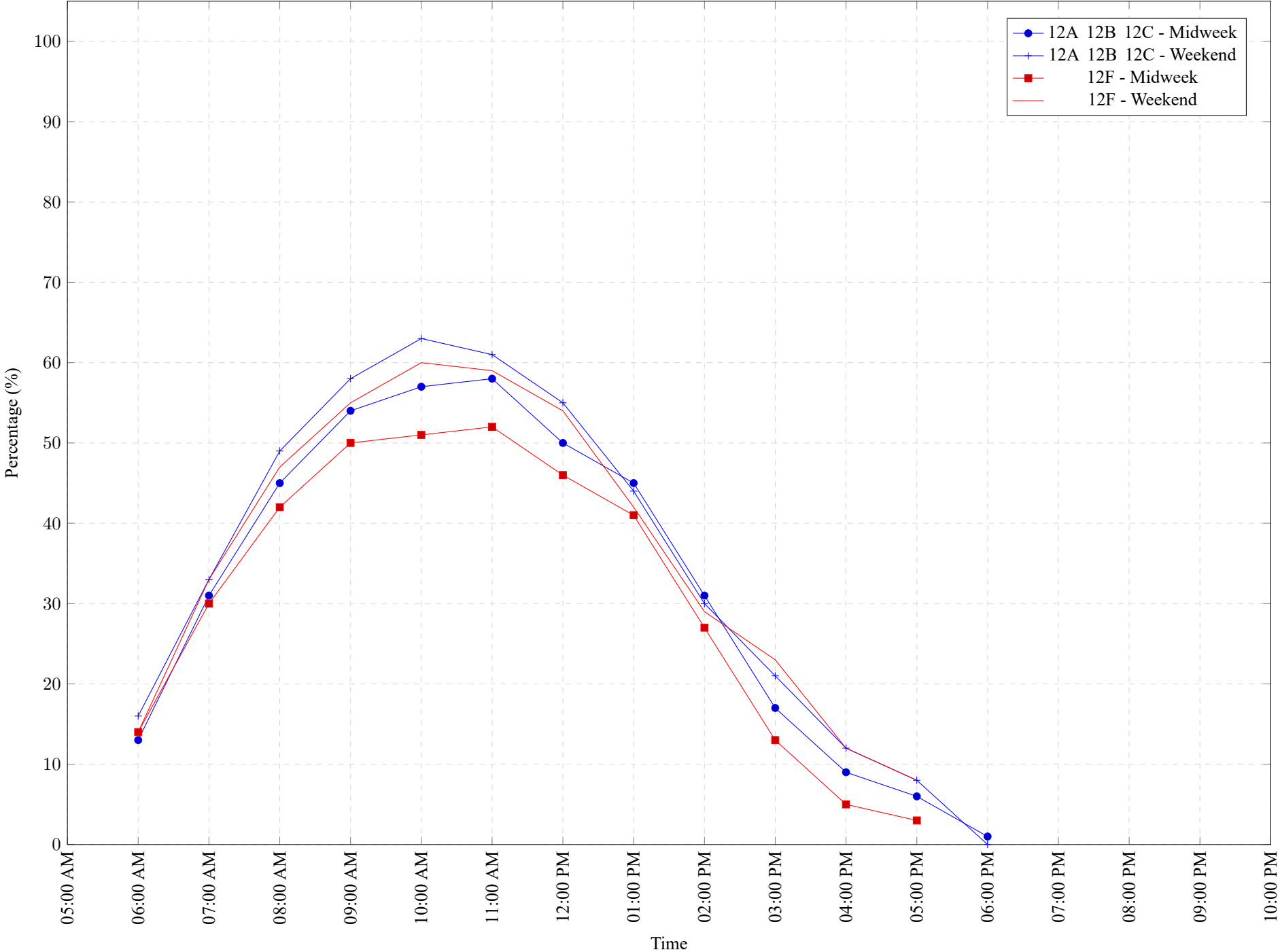


Table 7: Proportion of each day's fishing by hour.

Areas				Day Type	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	01:00 PM	02:00 PM	03:00 PM	04:00 PM	05:00 PM	06:00 PM	07:00 PM	08:00 PM	09:00 PM	10:00 PM
12A	12B	12C		Midweek	13%	31%	45%	54%	57%	58%	50%	45%	31%	17%	9%	6%	1%	0%	0%	0%	0%
12A	12B	12C		Weekend	16%	33%	49%	58%	63%	61%	55%	44%	30%	21%	12%	8%	0%	0%	0%	0%	0%
	12F			Midweek	14%	30%	42%	50%	51%	52%	46%	41%	27%	13%	5%	3%	0%	0%	0%	0%	0%
	12F			Weekend	14%	33%	47%	55%	60%	59%	54%	42%	29%	23%	12%	8%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Alder Bay Campsite	Bear Cove	Port McNeill Ramp	Quarterdeck Marina	Telegraph Cove
29 Jul 2019	Midweek		choppy			
30 Jul 2019	Midweek		choppy			
31 Jul 2019	Midweek			calm/rippled		
01 Aug 2019	Midweek					choppy
02 Aug 2019	Midweek		choppy			calm/rippled
03 Aug 2019	Weekend	choppy	choppy			
04 Aug 2019	Weekend			choppy	calm/rippled	
05 Aug 2019	Weekend		calm/rippled			
06 Aug 2019	Midweek		calm/rippled			
07 Aug 2019	Midweek			choppy		
08 Aug 2019	Midweek	calm/rippled				
09 Aug 2019	Midweek				calm/rippled	calm/rippled
10 Aug 2019	Weekend				calm/rippled	calm/rippled
11 Aug 2019	Weekend	calm/rippled	calm/rippled			
12 Aug 2019	Midweek				choppy	
13 Aug 2019	Midweek		calm/rippled			
14 Aug 2019	Midweek	choppy				
15 Aug 2019	Midweek					choppy
16 Aug 2019	Midweek		frequent whitecaps	frequent whitecaps		
17 Aug 2019	Weekend			calm/rippled	calm/rippled	
18 Aug 2019	Weekend	calm/rippled			choppy	
19 Aug 2019	Midweek		calm/rippled			
20 Aug 2019	Midweek		calm/rippled			
21 Aug 2019	Midweek					
22 Aug 2019	Midweek			calm/rippled		
23 Aug 2019	Midweek	choppy			frequent whitecaps	
24 Aug 2019	Weekend				calm/rippled	calm/rippled
25 Aug 2019	Weekend		choppy			choppy
26 Aug 2019	Midweek					
27 Aug 2019	Midweek				calm/rippled	
28 Aug 2019	Midweek		choppy			calm/rippled
29 Aug 2019	Midweek	calm/rippled				
30 Aug 2019	Midweek		calm/rippled			
31 Aug 2019	Weekend		choppy			calm/rippled
01 Sep 2019	Weekend					
02 Sep 2019	Weekend					
03 Sep 2019	Midweek					