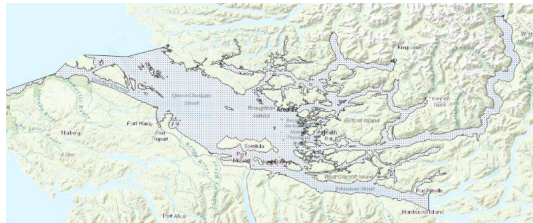


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 12 June 2019



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



Fisheries and Oceans
Canada

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Canada

**your
catch
counts**

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 May 2019	Midweek										
30 May 2019	Midweek										
31 May 2019	Midweek										
01 Jun 2019	Weekend										
02 Jun 2019	Weekend						12				
03 Jun 2019	Midweek										7
04 Jun 2019	Midweek						2				
05 Jun 2019	Midweek										2
06 Jun 2019	Midweek								2		
07 Jun 2019	Midweek							1			
08 Jun 2019	Weekend				5						
09 Jun 2019	Weekend								5		
10 Jun 2019	Midweek								1		
11 Jun 2019	Midweek			4							
12 Jun 2019	Midweek									8	
13 Jun 2019	Midweek						4				
14 Jun 2019	Midweek									11	
15 Jun 2019	Weekend	3		8							
16 Jun 2019	Weekend			8							
17 Jun 2019	Midweek								4		
18 Jun 2019	Midweek				4						
19 Jun 2019	Midweek										1
20 Jun 2019	Midweek										
21 Jun 2019	Midweek			8						9	
22 Jun 2019	Weekend		3						9		
23 Jun 2019	Weekend				11					12	
24 Jun 2019	Midweek								4		
25 Jun 2019	Midweek								3		
26 Jun 2019	Midweek										
27 Jun 2019	Midweek										
28 Jun 2019	Midweek							1		7	
29 Jun 2019	Weekend					10		6			
30 Jun 2019	Weekend		7	10							
01 Jul 2019	Weekend							7			
02 Jul 2019	Midweek				2						
03 Jul 2019	Midweek									9	

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-May-2019	Wednesday		1							
30-May-2019	Thursday		0							
31-May-2019	Friday		0							
01-Jun-2019	Saturday		1				2			
02-Jun-2019	Sunday	calm/rippled	13				3			
03-Jun-2019	Monday	calm/rippled	7							
04-Jun-2019	Tuesday	calm/rippled	3							
05-Jun-2019	Wednesday	choppy	2							
06-Jun-2019	Thursday	calm/rippled	4				1			
07-Jun-2019	Friday	calm/rippled	1							
08-Jun-2019	Saturday	calm/rippled	7				1			
09-Jun-2019	Sunday	choppy	7							
10-Jun-2019	Monday	calm/rippled	1							
11-Jun-2019	Tuesday	calm/rippled	4				1			
12-Jun-2019	Wednesday	calm/rippled	8							
13-Jun-2019	Thursday	choppy	4							
14-Jun-2019	Friday	calm/rippled	12		1		4	10	1120	20
15-Jun-2019	Saturday	calm/rippled	12	4			3			
16-Jun-2019	Sunday	calm/rippled	8	1	2		2			
17-Jun-2019	Monday	calm/rippled	4							
18-Jun-2019	Tuesday	choppy	5							
19-Jun-2019	Wednesday	choppy	2		1					
20-Jun-2019	Thursday		1							
21-Jun-2019	Friday	choppy	19		1		1			
22-Jun-2019	Saturday	calm/rippled	14		1			0	1002	0
23-Jun-2019	Sunday	calm/rippled	26				6			
24-Jun-2019	Monday	calm/rippled	6		1		2			
25-Jun-2019	Tuesday	calm/rippled	3							
26-Jun-2019	Wednesday		1							
27-Jun-2019	Thursday		0							
28-Jun-2019	Friday	calm/rippled	9		2		1	38	1023	81
29-Jun-2019	Saturday	calm/rippled	18		1		3			
30-Jun-2019	Sunday	calm/rippled	18	1			3	26	1018	52
01-Jul-2019	Monday (Canada Day)	calm/rippled	9							
02-Jul-2019	Tuesday	calm/rippled	3		1					
03-Jul-2019	Wednesday	calm/rippled	10					34	1147	70
	Totals	calm/rippled	96		6		10	24*		51*
	Totals	calm/rippled	124	6	4		23	13*		26*

* 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	51	20	1020		0.0630		0.1040		64		106
Weekend	26	10	260	0.0480	0.0320		0.1850	12	8		48

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	June	2181	1647	326		948
2015	June	1690	1296	139		664
2016	June	2847	1137	140	6	736
2017	June	2528	1931	792		354
2018	June	2883	2181	86		274
2019	June	1382	2	44		171
5-Yr Avg	June	2426	1638	297	6	595

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	2	5%	50%		%		1

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	235	4%
iRec Anglers	2269	10%
iRec Responses	75	5%

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

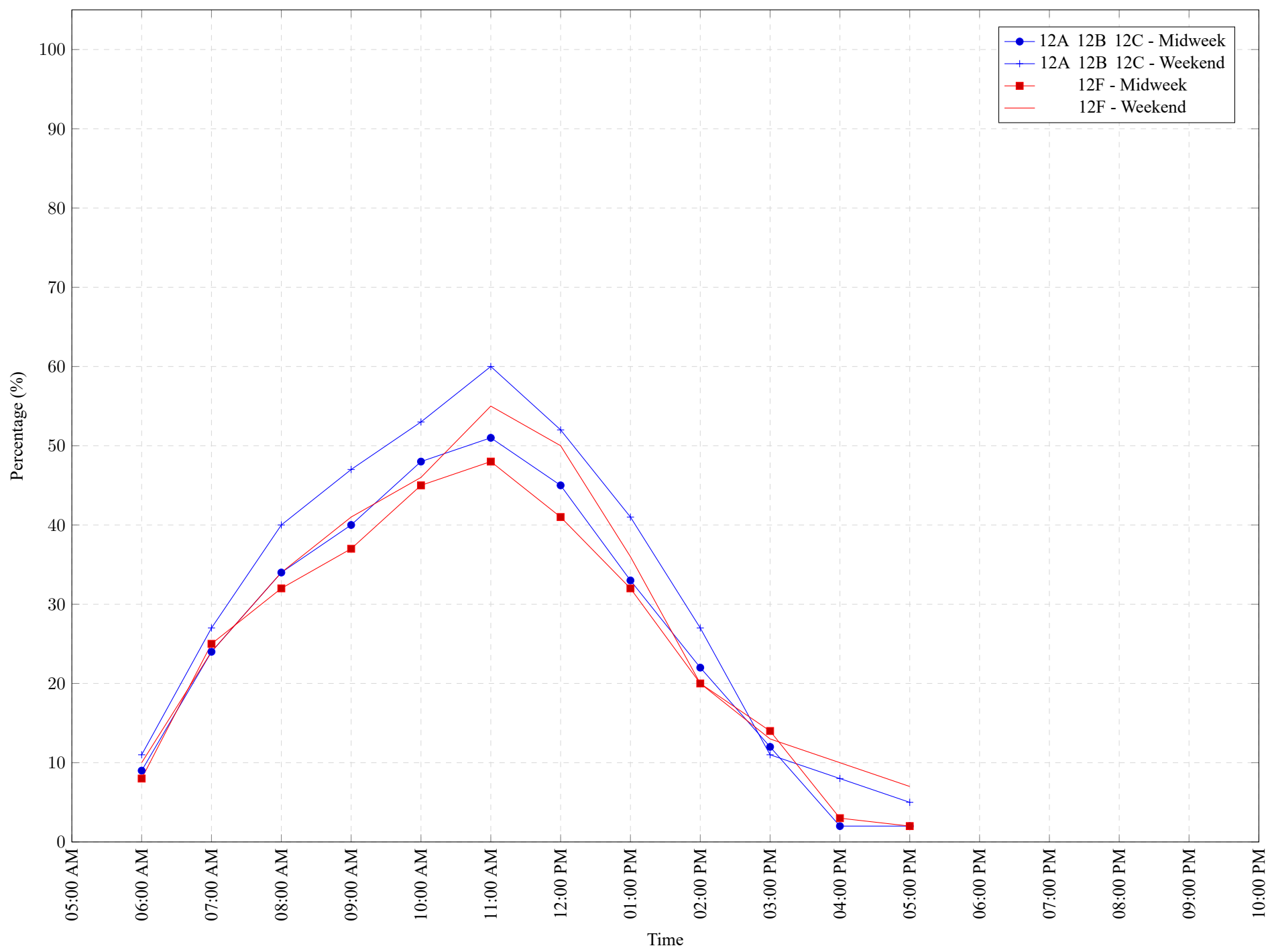


Table 7: Proportion of each day's fishing by hour.

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	9%	24%	34%	40%	48%	51%	45%	33%	22%	12%	2%	2%	0%	0%	0%	0%	0%
12A	12B	12C		Weekend	11%	27%	40%	47%	53%	60%	52%	41%	27%	11%	8%	5%	0%	0%	0%	0%	0%
	12F			Midweek	8%	25%	32%	37%	45%	48%	41%	32%	20%	14%	3%	2%	0%	0%	0%	0%	0%
	12F			Weekend	10%	24%	34%	41%	46%	55%	50%	36%	20%	13%	10%	7%	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 May 2019	Midweek					
30 May 2019	Midweek					
31 May 2019	Midweek					
01 Jun 2019	Weekend					
02 Jun 2019	Weekend			calm/rippled		
03 Jun 2019	Midweek					calm/rippled
04 Jun 2019	Midweek			calm/rippled		
05 Jun 2019	Midweek					choppy
06 Jun 2019	Midweek				calm/rippled	
07 Jun 2019	Midweek				calm/rippled	
08 Jun 2019	Weekend		calm/rippled			
09 Jun 2019	Weekend				choppy	
10 Jun 2019	Midweek				calm/rippled	
11 Jun 2019	Midweek		calm/rippled			
12 Jun 2019	Midweek					calm/rippled
13 Jun 2019	Midweek			choppy		
14 Jun 2019	Midweek					calm/rippled
15 Jun 2019	Weekend	calm/rippled	calm/rippled			
16 Jun 2019	Weekend		calm/rippled			
17 Jun 2019	Midweek				calm/rippled	
18 Jun 2019	Midweek		choppy			
19 Jun 2019	Midweek					choppy
20 Jun 2019	Midweek					
21 Jun 2019	Midweek		choppy			calm/rippled
22 Jun 2019	Weekend	calm/rippled			calm/rippled	
23 Jun 2019	Weekend		calm/rippled			calm/rippled
24 Jun 2019	Midweek				calm/rippled	
25 Jun 2019	Midweek				calm/rippled	
26 Jun 2019	Midweek					
27 Jun 2019	Midweek					
28 Jun 2019	Midweek				calm/rippled	calm/rippled
29 Jun 2019	Weekend			calm/rippled	calm/rippled	
30 Jun 2019	Weekend	calm/rippled	calm/rippled			
01 Jul 2019	Weekend				calm/rippled	
02 Jul 2019	Midweek		calm/rippled			
03 Jul 2019	Midweek					calm/rippled