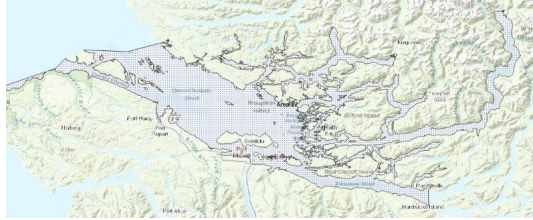


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 12 July 2019



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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
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	
04 Jul 2019	Midweek										14
05 Jul 2019	Midweek				7		9				
06 Jul 2019	Weekend					3			4		
07 Jul 2019	Weekend				16					9	
08 Jul 2019	Midweek							3			
09 Jul 2019	Midweek								3		
10 Jul 2019	Midweek									14	
11 Jul 2019	Midweek		8								
12 Jul 2019	Midweek	7						3			
13 Jul 2019	Weekend							5		16	
14 Jul 2019	Weekend	6			17						
15 Jul 2019	Midweek				23						
16 Jul 2019	Midweek			24							
17 Jul 2019	Midweek									16	
18 Jul 2019	Midweek						12				
19 Jul 2019	Midweek		20						12		
20 Jul 2019	Weekend				30		19				
21 Jul 2019	Weekend	26							14		
22 Jul 2019	Midweek							9			
23 Jul 2019	Midweek			23							
24 Jul 2019	Midweek									28	
25 Jul 2019	Midweek	17									
26 Jul 2019	Midweek										29
27 Jul 2019	Weekend							10			27
28 Jul 2019	Weekend			33		14					
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						

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
28-Jun-2019	Friday	calm/rippled	9		2		1	38	1023	66
29-Jun-2019	Saturday	calm/rippled	18		1		3			
30-Jun-2019	Sunday	calm/rippled	18	1			3	26	1018	37
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	60
04-Jul-2019	Thursday	calm/rippled	15							
05-Jul-2019	Friday	calm/rippled	18	2	5		2			
06-Jul-2019	Saturday	calm/rippled	7		4		1	42	1150	66
07-Jul-2019	Sunday	calm/rippled	25		10					
08-Jul-2019	Monday	calm/rippled	3		2					
09-Jul-2019	Tuesday	calm/rippled	3				1			
10-Jul-2019	Wednesday	frequent whitecaps	14				1			
11-Jul-2019	Thursday	calm/rippled	8				1	12	0940	22
12-Jul-2019	Friday	calm/rippled	11				1			
13-Jul-2019	Saturday	calm/rippled	21		3		2			
14-Jul-2019	Sunday	calm/rippled	23	3	13			47	1154	75
15-Jul-2019	Monday	calm/rippled	24	10	19					
16-Jul-2019	Tuesday	calm/rippled	24	14	9		2			
17-Jul-2019	Wednesday	choppy	17	10	10					
18-Jul-2019	Thursday	choppy	12	6	4					
19-Jul-2019	Friday	calm/rippled	32	7	23		1			
20-Jul-2019	Saturday	calm/rippled	49	22	29	1	3			
21-Jul-2019	Sunday	calm/rippled	40	12	32		2			
22-Jul-2019	Monday	calm/rippled	9	4	4					
23-Jul-2019	Tuesday	calm/rippled	23	9	16					
24-Jul-2019	Wednesday	calm/rippled	28	19	17					
25-Jul-2019	Thursday	frequent whitecaps	17	3	1					
26-Jul-2019	Friday	calm/rippled	29	20	9		1			
27-Jul-2019	Saturday	calm/rippled	37	15	24		4			
28-Jul-2019	Sunday	choppy	48	8	19		2	148	1018	214
29-Jul-2019	Monday	choppy	26	3	14					
30-Jul-2019	Tuesday	choppy	12	6	3			126	1009	217
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			
	Totals	calm/rippled	349	120	138		12	57*		100*
	Totals	calm/rippled	259	60	134	1	14	79*		118*

* 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	100	22	2200	0.3440	0.3950		0.0340	757	869		75
Weekend	118	9	1062	0.2320	0.5170	0.0040	0.0540	246	549	4	57

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	July	4948	2431	4009		1183
2015	July	4830	4378	3728		1560
2016	July	5507	1674	2629	33	568
2017	July	4406	2834	3267	5	337
2018	July	5679	4205	2701	7	254
2019	July	3845	1274	1484	3	181
5-Yr Avg	July	5074	3104	3267	15	780

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	114	8%	39%	315	15%	14%	45
Chinook	192	15%	22%	185	10%	23%	43

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	750	7%
iRec Anglers	9740	8%
iRec Responses	268	13%

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

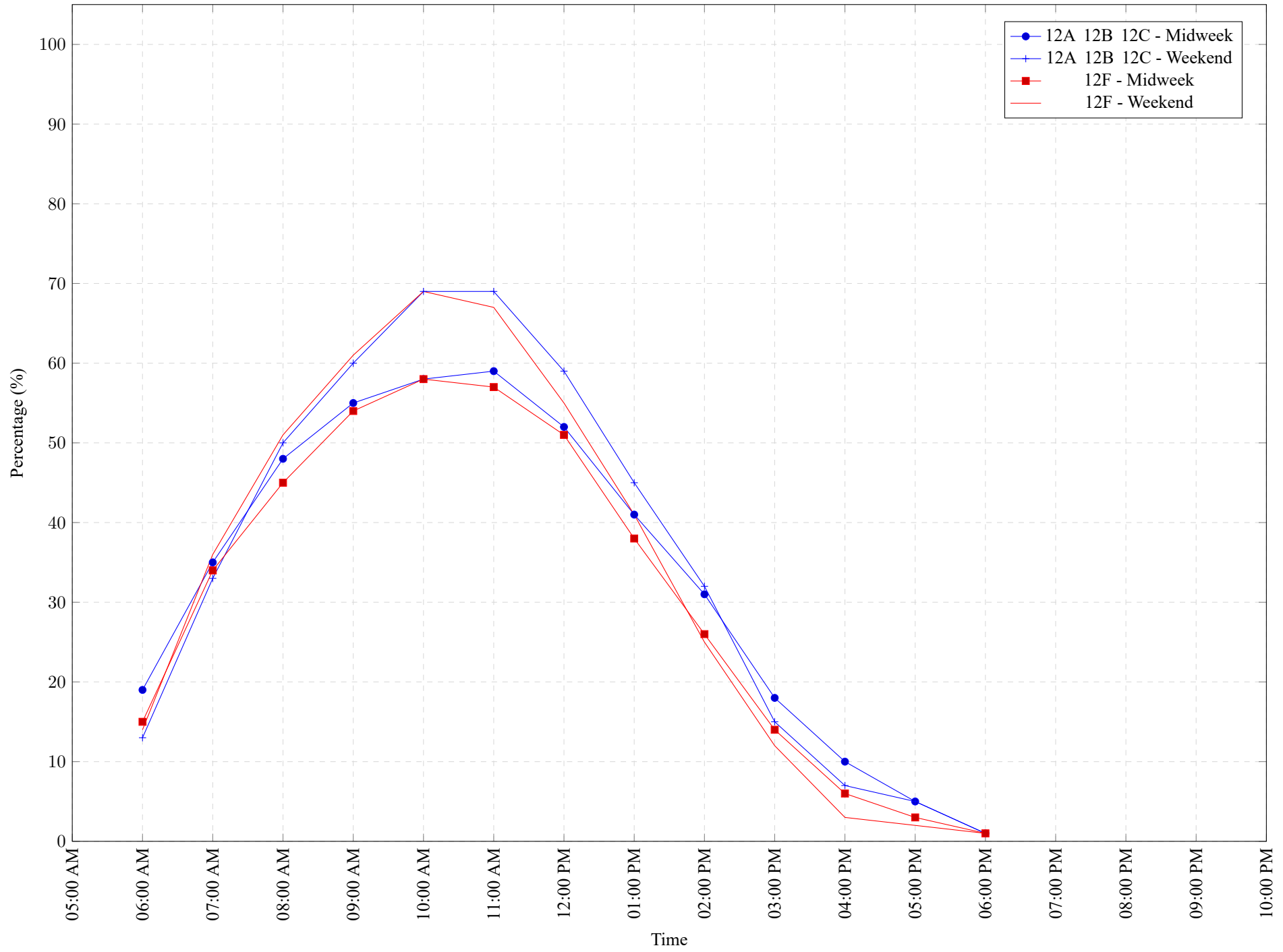


Table 7: Proportion of each day's fishing by hour.

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	19%	35%	48%	55%	58%	59%	52%	41%	31%	18%	10%	5%	1%	0%	0%	0%	0%
12A	12B	12C		Weekend	13%	33%	50%	60%	69%	69%	59%	45%	32%	15%	7%	5%	1%	0%	0%	0%	0%
	12F			Midweek	15%	34%	45%	54%	58%	57%	51%	38%	26%	14%	6%	3%	1%	0%	0%	0%	0%
	12F			Weekend	14%	36%	51%	61%	69%	67%	55%	41%	25%	12%	3%	2%	1%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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