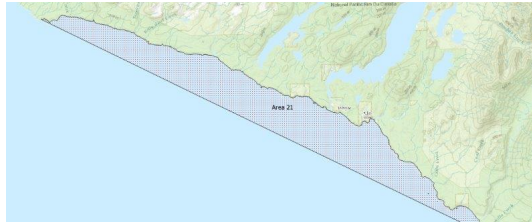


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 21 August 2020



Prepared By:
South Coast Salmon Stock Assessment Section

Friday 19th February, 2021



Fisheries and Oceans
Canada

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Canada



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

Date	Day Type	Pacific Gateway Marina	Port Renfrew Marina	
		MD	MD	PM
29 Jul 2020	Midweek		2	
30 Jul 2020	Midweek			1
31 Jul 2020	Midweek			
01 Aug 2020	Weekend	2		
02 Aug 2020	Weekend			
03 Aug 2020	Weekend			
04 Aug 2020	Midweek			
05 Aug 2020	Midweek	3		
06 Aug 2020	Midweek			
07 Aug 2020	Midweek			
08 Aug 2020	Weekend			
09 Aug 2020	Weekend		1	
10 Aug 2020	Midweek	5		
11 Aug 2020	Midweek			
12 Aug 2020	Midweek			
13 Aug 2020	Midweek			
14 Aug 2020	Midweek			
15 Aug 2020	Weekend			
16 Aug 2020	Weekend			
17 Aug 2020	Midweek			
18 Aug 2020	Midweek	3		
19 Aug 2020	Midweek	3		
20 Aug 2020	Midweek			
21 Aug 2020	Midweek			
22 Aug 2020	Weekend	2		
23 Aug 2020	Weekend			
24 Aug 2020	Midweek			
25 Aug 2020	Midweek			
26 Aug 2020	Midweek	2		
27 Aug 2020	Midweek			
28 Aug 2020	Midweek	3		
29 Aug 2020	Weekend			
30 Aug 2020	Weekend			1
31 Aug 2020	Midweek			
01 Sep 2020	Midweek	1		
02 Sep 2020	Midweek		1	
03 Sep 2020	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-2020	Wednesday	calm/rippled	2	1						
30-Jul-2020	Thursday	calm/rippled	1	1						
31-Jul-2020	Friday		0							
01-Aug-2020	Saturday	choppy	2	2	6					
02-Aug-2020	Sunday		0					1	0957	1
03-Aug-2020	Monday (B.C. Day)		0							
04-Aug-2020	Tuesday		0							
05-Aug-2020	Wednesday	calm/rippled	3	3						
06-Aug-2020	Thursday		0							
07-Aug-2020	Friday		0							
08-Aug-2020	Saturday		0							
09-Aug-2020	Sunday	calm/rippled	1		1		2			
10-Aug-2020	Monday	calm/rippled	5	15			4			
11-Aug-2020	Tuesday		0							
12-Aug-2020	Wednesday		0							
13-Aug-2020	Thursday		0					2	0849	3
14-Aug-2020	Friday		0							
15-Aug-2020	Saturday		0					11	0848	16
16-Aug-2020	Sunday		0							
17-Aug-2020	Monday		0							
18-Aug-2020	Tuesday	calm/rippled	3	9						
19-Aug-2020	Wednesday	calm/rippled	3	12						
20-Aug-2020	Thursday		0							
21-Aug-2020	Friday		0							
22-Aug-2020	Saturday	calm/rippled	2	5	1			2	0900	3
23-Aug-2020	Sunday		0							
24-Aug-2020	Monday		0							
25-Aug-2020	Tuesday		0							
26-Aug-2020	Wednesday	calm/rippled	2	1						
27-Aug-2020	Thursday		0							
28-Aug-2020	Friday	choppy	3	15	1			0	0916	0
29-Aug-2020	Saturday		0							
30-Aug-2020	Sunday	calm/rippled	1				1			
31-Aug-2020	Monday		0							
01-Sep-2020	Tuesday	calm/rippled	1							
02-Sep-2020	Wednesday	choppy	1				1			
03-Sep-2020	Thursday		0					2	1003	2
	Totals	calm/rippled	19	55	1		4	1*		2*
	Totals	calm/rippled	6	7	8		3	5*		7*

* 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
Weekend	7	11	77	1.1670	1.3330		0.50	90	103		39
Midweek	2	20	40	2.8950	0.0530		0.2110	116	2		8

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	August	433	1771			72
2016	August	347	1074			21
2017	August	198	194	33		11
2018	August	427	346	150	126	40
2019	August	287	931	87		8
2020	August	119	197	101		50
5-Yr Avg	August	338	863	90	126	30

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	101	100%	4%	131	69%	3%	4

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	57	68%
iRec Anglers	719	33%

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

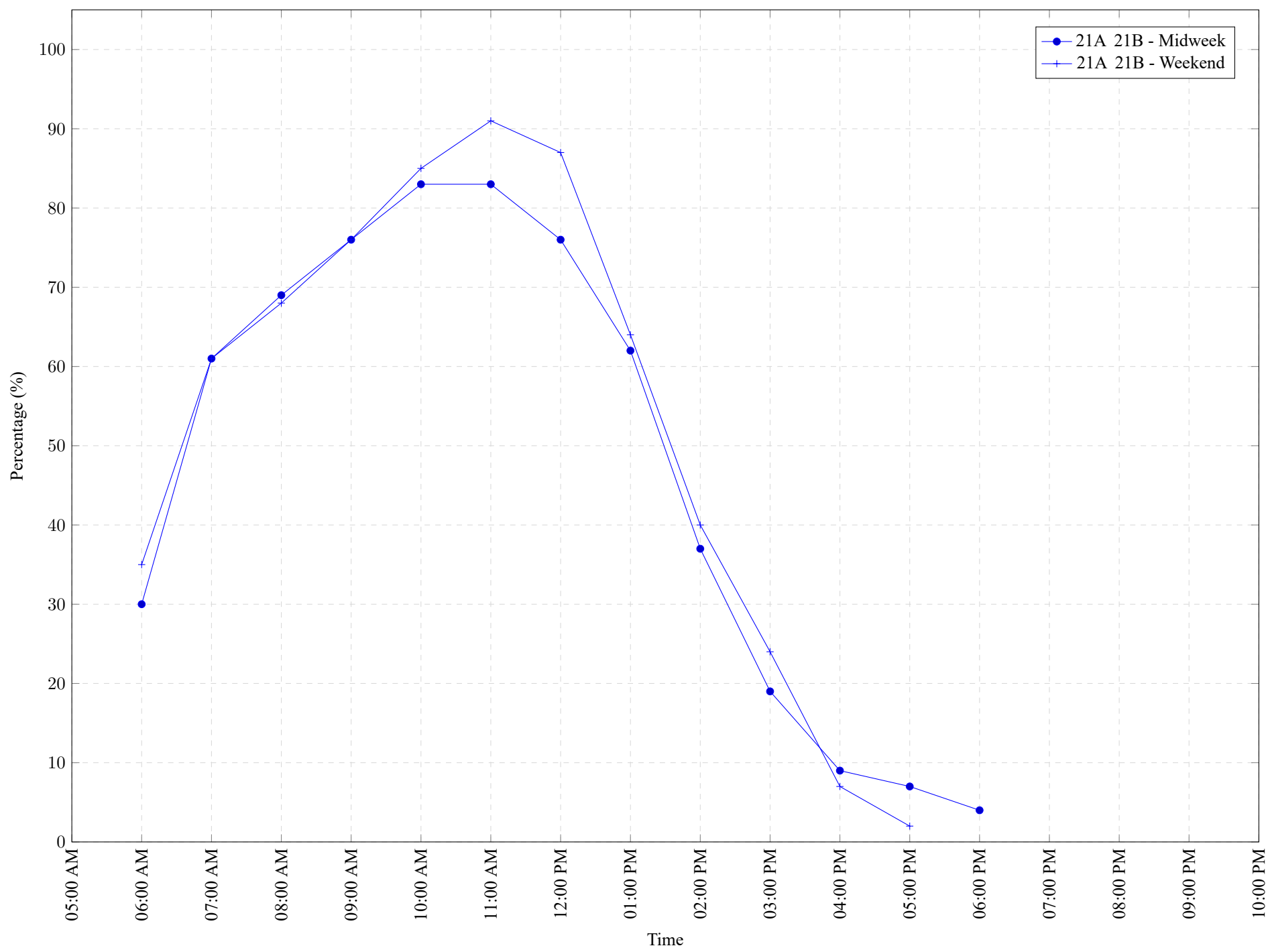


Table 7: Proportion of each day's fishing by hour.

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
21A	21B	Midweek	30%	61%	69%	76%	83%	83%	76%	62%	37%	19%	9%	7%	4%	0%	0%	0%	0%
21A	21B	Weekend	35%	61%	68%	76%	85%	91%	87%	64%	40%	24%	7%	2%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Pacific Gateway Marina	Port Renfrew Marina
29 Jul 2020	Midweek		calm/rippled
30 Jul 2020	Midweek		calm/rippled
31 Jul 2020	Midweek		
01 Aug 2020	Weekend	choppy	
02 Aug 2020	Weekend		
03 Aug 2020	Weekend		
04 Aug 2020	Midweek		
05 Aug 2020	Midweek	calm/rippled	
06 Aug 2020	Midweek		
07 Aug 2020	Midweek		
08 Aug 2020	Weekend		
09 Aug 2020	Weekend		calm/rippled
10 Aug 2020	Midweek	calm/rippled	
11 Aug 2020	Midweek		
12 Aug 2020	Midweek		
13 Aug 2020	Midweek		
14 Aug 2020	Midweek		
15 Aug 2020	Weekend		
16 Aug 2020	Weekend		
17 Aug 2020	Midweek		
18 Aug 2020	Midweek	calm/rippled	
19 Aug 2020	Midweek	calm/rippled	
20 Aug 2020	Midweek		
21 Aug 2020	Midweek		
22 Aug 2020	Weekend	calm/rippled	
23 Aug 2020	Weekend		
24 Aug 2020	Midweek		
25 Aug 2020	Midweek		
26 Aug 2020	Midweek	calm/rippled	
27 Aug 2020	Midweek		
28 Aug 2020	Midweek	choppy	
29 Aug 2020	Weekend		
30 Aug 2020	Weekend		calm/rippled
31 Aug 2020	Midweek		
01 Sep 2020	Midweek	calm/rippled	
02 Sep 2020	Midweek		choppy
03 Sep 2020	Midweek		