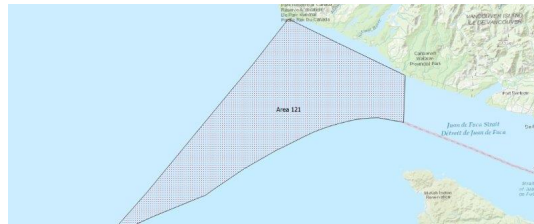


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 121 September 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 Aug 2020	Weekend			
30 Aug 2020	Weekend	6		
31 Aug 2020	Midweek		2	
01 Sep 2020	Midweek	3		
02 Sep 2020	Midweek	2	1	
03 Sep 2020	Midweek			1
04 Sep 2020	Midweek			
05 Sep 2020	Weekend	4		
06 Sep 2020	Weekend			
07 Sep 2020	Weekend			
08 Sep 2020	Midweek			
09 Sep 2020	Midweek	1		
10 Sep 2020	Midweek			
11 Sep 2020	Midweek			
12 Sep 2020	Weekend			
13 Sep 2020	Weekend	4		
14 Sep 2020	Midweek	2		
15 Sep 2020	Midweek			
16 Sep 2020	Midweek			
17 Sep 2020	Midweek			
18 Sep 2020	Midweek			
19 Sep 2020	Weekend			
20 Sep 2020	Weekend			
21 Sep 2020	Midweek			
22 Sep 2020	Midweek			
23 Sep 2020	Midweek			
24 Sep 2020	Midweek			
25 Sep 2020	Midweek			
26 Sep 2020	Weekend			
27 Sep 2020	Weekend			
28 Sep 2020	Midweek			
29 Sep 2020	Midweek			
30 Sep 2020	Midweek			
01 Oct 2020	Midweek			
02 Oct 2020	Midweek			
03 Oct 2020	Weekend			

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-Aug-2020	Saturday		0					0	0918	0
30-Aug-2020	Sunday	choppy	6	1	4		11			
31-Aug-2020	Monday	choppy	2		4		9	0	0813	0
01-Sep-2020	Tuesday	calm/rippled	3		10		11			
02-Sep-2020	Wednesday	calm/rippled	3		14		4			
03-Sep-2020	Thursday	calm/rippled	1					6	0928	10
04-Sep-2020	Friday		0							
05-Sep-2020	Saturday	calm/rippled	4		13		5	17	0930	26
06-Sep-2020	Sunday		0							
07-Sep-2020	Monday (Labour Day)		0							
08-Sep-2020	Tuesday		0							
09-Sep-2020	Wednesday	calm/rippled	1							
10-Sep-2020	Thursday		0					1	0832	2
11-Sep-2020	Friday		0							
12-Sep-2020	Saturday		0							
13-Sep-2020	Sunday	calm/rippled	4		2		8			
14-Sep-2020	Monday	calm/rippled	2		15		4			
15-Sep-2020	Tuesday		0							
16-Sep-2020	Wednesday		0							
17-Sep-2020	Thursday		0							
18-Sep-2020	Friday		0							
19-Sep-2020	Saturday		0							
20-Sep-2020	Sunday		0							
21-Sep-2020	Monday		0					0	0920	0
22-Sep-2020	Tuesday		0							
23-Sep-2020	Wednesday		0							
24-Sep-2020	Thursday		0							
25-Sep-2020	Friday		0							
26-Sep-2020	Saturday		0							
27-Sep-2020	Sunday		0							
28-Sep-2020	Monday		0							
29-Sep-2020	Tuesday		0							
30-Sep-2020	Wednesday		0							
01-Oct-2020	Thursday		0							
02-Oct-2020	Friday		0							
03-Oct-2020	Saturday		0							
	Totals	calm/rippled	10		39		19	2*		4*
	Totals	calm/rippled	8		15		13	17*		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
Weekend	26	9	234		1.8750		1.6250		439		380
Midweek	4	21	84		3.90		1.90		328		160

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	September	39	44	53		68
2016	September	26		56		8
2017	September	123	7	390		24
2018	September	112	3	170		11
2019	September	143	4			36
2020	September	173	0	427		173
5-Yr Avg	September	89	15	167		29

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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	18	78%
iRec Anglers	75	85%

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

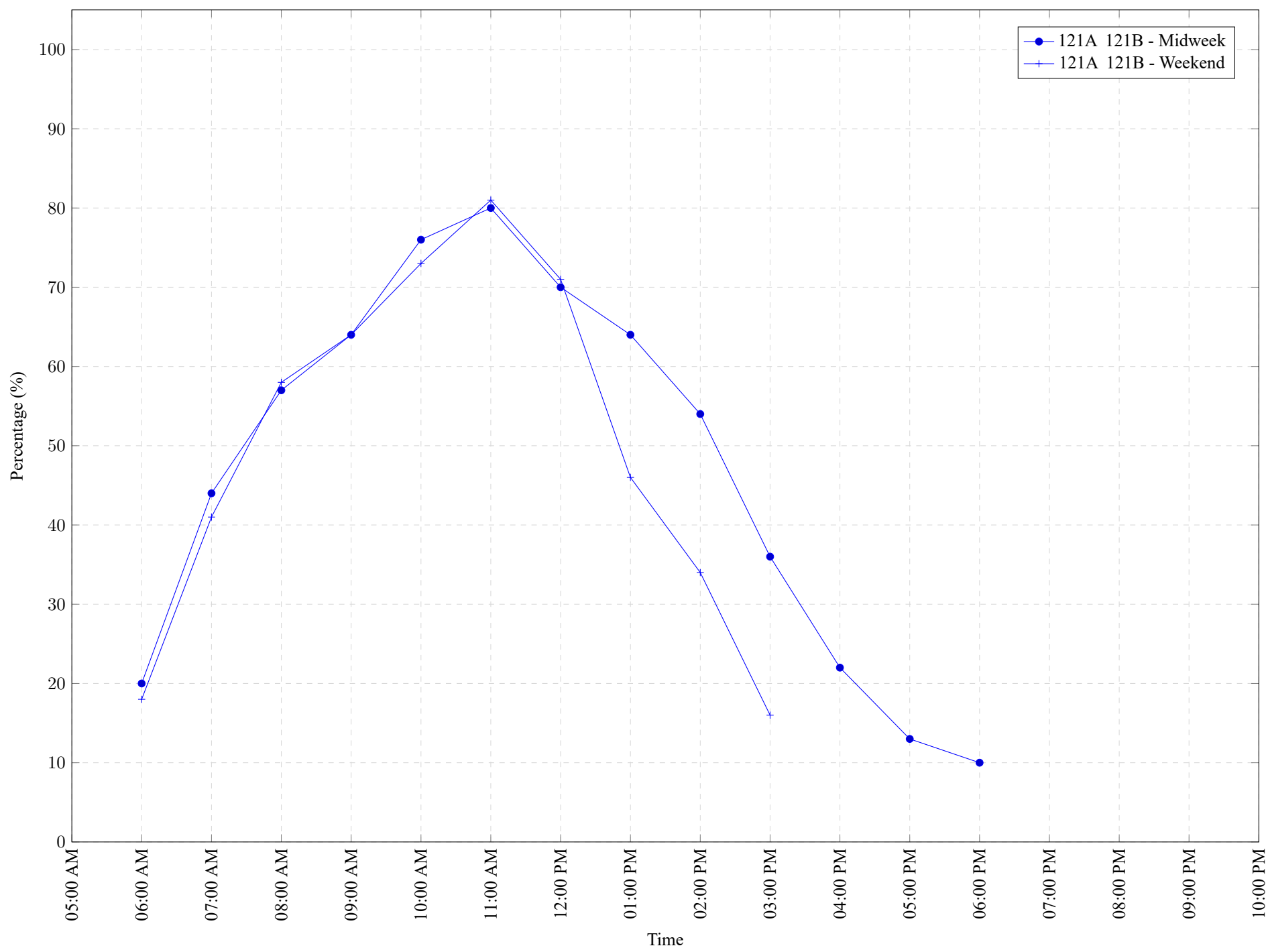


Table 7: Proportion of each day's fishing by hour.

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
121A	121B	Midweek	20%	44%	57%	64%	76%	80%	70%	64%	54%	36%	22%	13%	10%	0%	0%	0%	0%
121A	121B	Weekend	18%	41%	58%	64%	73%	81%	71%	46%	34%	16%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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