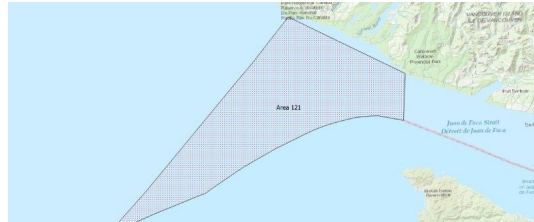


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 121 September 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 7th December, 2024



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	Pacific Gateway Marina MD	Port Renfrew Marina MD
29 Aug 2024	Midweek	6	
30 Aug 2024	Midweek	4	
31 Aug 2024	Weekend		
01 Sep 2024	Weekend		
02 Sep 2024	Weekend		
03 Sep 2024	Midweek		1
04 Sep 2024	Midweek		
05 Sep 2024	Midweek	2	
06 Sep 2024	Midweek	2	
07 Sep 2024	Weekend		1
08 Sep 2024	Weekend		
09 Sep 2024	Midweek	1	
10 Sep 2024	Midweek	1	
11 Sep 2024	Midweek		1
12 Sep 2024	Midweek	1	
13 Sep 2024	Midweek		
14 Sep 2024	Weekend		
15 Sep 2024	Weekend		
16 Sep 2024	Midweek		
17 Sep 2024	Midweek		
18 Sep 2024	Midweek		
19 Sep 2024	Midweek		
20 Sep 2024	Midweek		
21 Sep 2024	Weekend		
22 Sep 2024	Weekend		
23 Sep 2024	Midweek		
24 Sep 2024	Midweek		
25 Sep 2024	Midweek		
26 Sep 2024	Midweek		
27 Sep 2024	Midweek		
28 Sep 2024	Weekend		
29 Sep 2024	Weekend		
30 Sep 2024	Midweek		
01 Oct 2024	Midweek		
02 Oct 2024	Midweek		
03 Oct 2024	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-Aug-2024	Thursday	calm/rippled	6		16		12			
30-Aug-2024	Friday	calm/rippled	4		8		5			
31-Aug-2024	Saturday		0					15	0900	29
01-Sep-2024	Sunday		0							
02-Sep-2024	Monday (Labour Day)		0					2	1502	4
03-Sep-2024	Tuesday	calm/rippled	1				4			
04-Sep-2024	Wednesday		0					2	1222	2
05-Sep-2024	Thursday	calm/rippled	2		4					
06-Sep-2024	Friday	calm/rippled	2	1	5		5			
07-Sep-2024	Saturday	calm/rippled	1					1	0919	1
08-Sep-2024	Sunday		0							
09-Sep-2024	Monday	calm/rippled	1							
10-Sep-2024	Tuesday	choppy	1							
11-Sep-2024	Wednesday	calm/rippled	1							
12-Sep-2024	Thursday	calm/rippled	1							
13-Sep-2024	Friday		0					1	0914	1
14-Sep-2024	Saturday		0					0	1137	0
15-Sep-2024	Sunday		0							
16-Sep-2024	Monday		0					3	1009	4
17-Sep-2024	Tuesday		0							
18-Sep-2024	Wednesday		0							
19-Sep-2024	Thursday		0							
20-Sep-2024	Friday		0							
21-Sep-2024	Saturday		0					3	0911	5
22-Sep-2024	Sunday		0							
23-Sep-2024	Monday		0							
24-Sep-2024	Tuesday		0							
25-Sep-2024	Wednesday		0							
26-Sep-2024	Thursday		0							
27-Sep-2024	Friday		0					0	0952	0
28-Sep-2024	Saturday		0					0	0938	0
29-Sep-2024	Sunday		0							
30-Sep-2024	Monday		0							
01-Oct-2024	Tuesday		0							
02-Oct-2024	Wednesday		0							
03-Oct-2024	Thursday		0							
	Totals	calm/rippled	9	1	9		9	2*		2*
	Totals	calm/rippled	1					1*		2*

* 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	2	20	40	0.111	1		1	4	40		40
Weekend	2	10	20								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	September	143	4	0		36
2020	September	194	10	427		180
2021	September	78	4	86		50
2022	September	126	104	56		0
2023	September	91	0	39		14
2024	September	37	1	11		11
5-Yr Avg	September	126	24	122		56

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

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	10	50%
iRec Anglers	108	35%

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

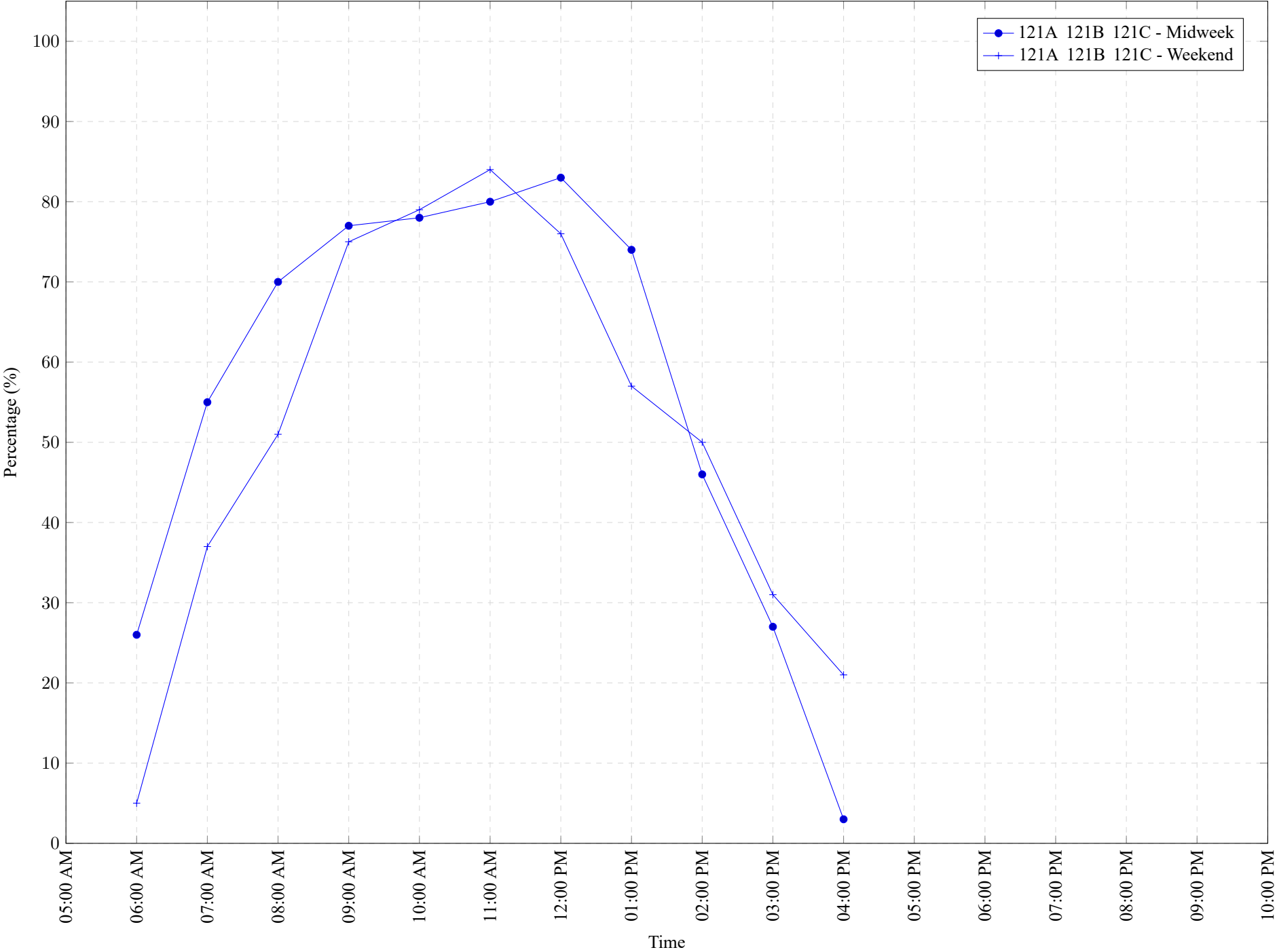


Table 7: Proportion of each day's fishing by hour.

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	121C	Midweek	26%	55%	70%	77%	78%	80%	83%	74%	46%	27%	3%	0%	0%	0%	0%	0%	0%
121A	121B	121C	Weekend	5%	37%	51%	75%	79%	84%	76%	57%	50%	31%	21%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Pacific Gateway Marina	Port Renfrew Marina
29 Aug 2024	Midweek	calm/rippled	
30 Aug 2024	Midweek	calm/rippled	
31 Aug 2024	Weekend		
01 Sep 2024	Weekend		
02 Sep 2024	Weekend		
03 Sep 2024	Midweek		calm/rippled
04 Sep 2024	Midweek		
05 Sep 2024	Midweek	calm/rippled	
06 Sep 2024	Midweek	calm/rippled	
07 Sep 2024	Weekend		calm/rippled
08 Sep 2024	Weekend		
09 Sep 2024	Midweek	calm/rippled	
10 Sep 2024	Midweek	choppy	
11 Sep 2024	Midweek		calm/rippled
12 Sep 2024	Midweek	calm/rippled	
13 Sep 2024	Midweek		
14 Sep 2024	Weekend		
15 Sep 2024	Weekend		
16 Sep 2024	Midweek		
17 Sep 2024	Midweek		
18 Sep 2024	Midweek		
19 Sep 2024	Midweek		
20 Sep 2024	Midweek		
21 Sep 2024	Weekend		
22 Sep 2024	Weekend		
23 Sep 2024	Midweek		
24 Sep 2024	Midweek		
25 Sep 2024	Midweek		
26 Sep 2024	Midweek		
27 Sep 2024	Midweek		
28 Sep 2024	Weekend		
29 Sep 2024	Weekend		
30 Sep 2024	Midweek		
01 Oct 2024	Midweek		
02 Oct 2024	Midweek		
03 Oct 2024	Midweek		