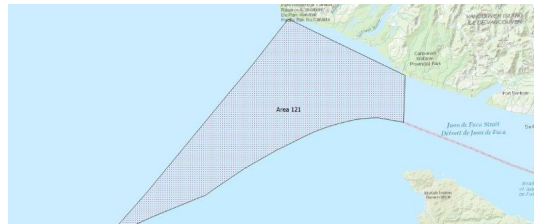


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 121 August 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	Port Renfrew Marina		
		MD	AM	MD	PM
29 Jul 2024	Midweek	5			
30 Jul 2024	Midweek	9			
31 Jul 2024	Midweek	7			
01 Aug 2024	Midweek	8			
02 Aug 2024	Midweek			1	
03 Aug 2024	Weekend			4	
04 Aug 2024	Weekend	15			
05 Aug 2024	Weekend			2	
06 Aug 2024	Midweek	10			
07 Aug 2024	Midweek				
08 Aug 2024	Midweek	8			2
09 Aug 2024	Midweek			3	
10 Aug 2024	Weekend	10			
11 Aug 2024	Weekend			1	
12 Aug 2024	Midweek	6			
13 Aug 2024	Midweek	2			
14 Aug 2024	Midweek	6		1	
15 Aug 2024	Midweek				
16 Aug 2024	Midweek		1		
17 Aug 2024	Weekend			2	
18 Aug 2024	Weekend	4			
19 Aug 2024	Midweek				
20 Aug 2024	Midweek	2			
21 Aug 2024	Midweek	7			
22 Aug 2024	Midweek	4			
23 Aug 2024	Midweek	1		2	
24 Aug 2024	Weekend			1	
25 Aug 2024	Weekend	9			
26 Aug 2024	Midweek				
27 Aug 2024	Midweek	3			
28 Aug 2024	Midweek				
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	

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-2024	Monday	calm/rippled	5	10	9		6			
30-Jul-2024	Tuesday	calm/rippled	9	17	31		28			
31-Jul-2024	Wednesday	calm/rippled	7	24	41		27	10	1224	11
01-Aug-2024	Thursday	calm/rippled	8	60	48		13	17	0846	25
02-Aug-2024	Friday	choppy	1				2			
03-Aug-2024	Saturday	calm/rippled	4	12	3		3			
04-Aug-2024	Sunday	choppy	15	76	64		33	6	1220	8
05-Aug-2024	Monday (B.C. Day)	calm/rippled	2	12	12		1			
06-Aug-2024	Tuesday	calm/rippled	10	56	26		25			
07-Aug-2024	Wednesday		0							
08-Aug-2024	Thursday	calm/rippled	10	58	39		26			
09-Aug-2024	Friday	calm/rippled	3	6	12		6			
10-Aug-2024	Saturday	choppy	10	57	44		22			
11-Aug-2024	Sunday	calm/rippled	1	6	6					
12-Aug-2024	Monday	calm/rippled	6	16	18		17	2	0921	3
13-Aug-2024	Tuesday	calm/rippled	2		2		5			
14-Aug-2024	Wednesday	calm/rippled	7	1	6		16			
15-Aug-2024	Thursday		0							
16-Aug-2024	Friday	calm/rippled	1				5			
17-Aug-2024	Saturday	calm/rippled	2	6	14		4			
18-Aug-2024	Sunday	calm/rippled	4	8	19		2			
19-Aug-2024	Monday		0							
20-Aug-2024	Tuesday	calm/rippled	2		8		4			
21-Aug-2024	Wednesday	calm/rippled	7		41		11			
22-Aug-2024	Thursday	calm/rippled	4	4	16		2	25	1009	34
23-Aug-2024	Friday	calm/rippled	3		5		3			
24-Aug-2024	Saturday	calm/rippled	1	1	10		2	47	0939	58
25-Aug-2024	Sunday	calm/rippled	9		39		7			
26-Aug-2024	Monday		0							
27-Aug-2024	Tuesday	frequent whitecaps	3		4			0	0907	0
28-Aug-2024	Wednesday		0							
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	21
01-Sep-2024	Sunday		0							
02-Sep-2024	Monday (Labour Day)		0					2	1502	5
03-Sep-2024	Tuesday	calm/rippled	1				4			
	Totals	calm/rippled	77	201	249		152	11*		16*
	Totals	calm/rippled	48	178	211		74	23*		29*

* 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	29	10	290	3.708	4.396		1.542	1075	1275		447
Midweek	16	21	336	2.61	3.234		1.974	877	1087		663

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	621	2017	1710		1130
2020	August	686	1201	1709		1498
2021	August	221	128	276	0	472
2022	August	958	4160	1895		1535
2023	August	460	849	598		1170
2024	August	702	2550	2996		1350
5-Yr Avg	August	589	1671	1238	0	1161

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	125	74%
iRec Anglers	1280	46%

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

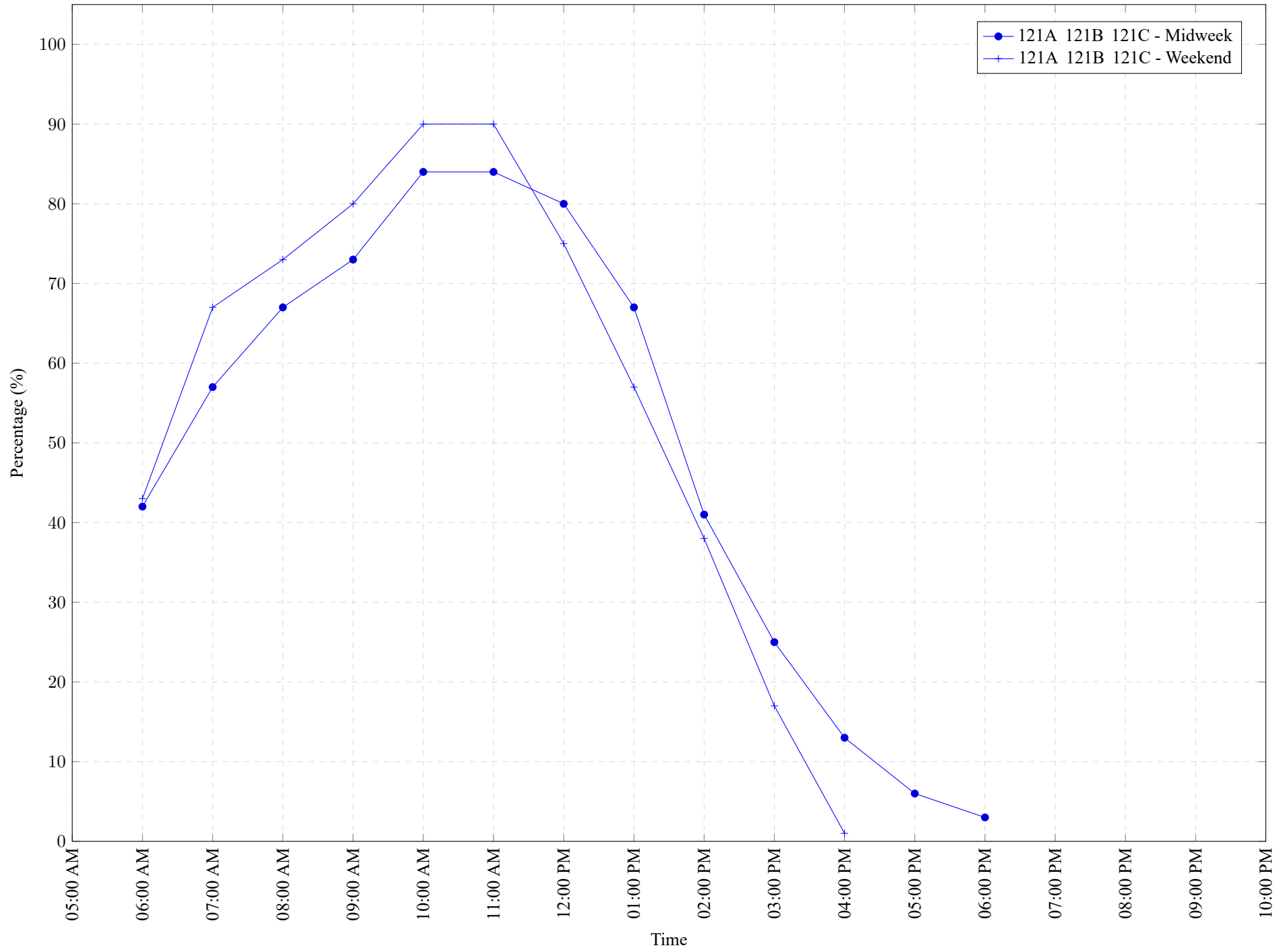


Table 7: Proportion of each day's fishing by hour.

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	42%	57%	67%	73%	84%	84%	80%	67%	41%	25%	13%	6%	3%	0%	0%	0%	0%
121A	121B	121C	Weekend	43%	67%	73%	80%	90%	90%	75%	57%	38%	17%	1%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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