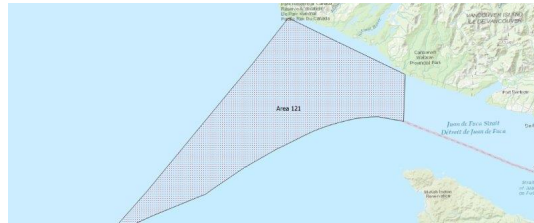


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

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

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-May-2024	Wednesday		0							
30-May-2024	Thursday		0							
31-May-2024	Friday		0							
01-Jun-2024	Saturday		0					12	0842	15
02-Jun-2024	Sunday		0							
03-Jun-2024	Monday		0							
04-Jun-2024	Tuesday		0							
05-Jun-2024	Wednesday	calm/rippled	2				5	0	0841	0
06-Jun-2024	Thursday	choppy	6				25			
07-Jun-2024	Friday		0							
08-Jun-2024	Saturday	choppy	6				22	17	0852	21
09-Jun-2024	Sunday	choppy	5				16			
10-Jun-2024	Monday	choppy	5				13			
11-Jun-2024	Tuesday		0							
12-Jun-2024	Wednesday		0					2	0853	2
13-Jun-2024	Thursday	frequent whitecaps	7				28			
14-Jun-2024	Friday		0							
15-Jun-2024	Saturday		0					7	0836	8
16-Jun-2024	Sunday	calm/rippled	4				19			
17-Jun-2024	Monday	choppy	4				10			
18-Jun-2024	Tuesday	choppy	7				24			
19-Jun-2024	Wednesday	calm/rippled	1				4			
20-Jun-2024	Thursday	choppy	8				26	5	0839	5
21-Jun-2024	Friday		0							
22-Jun-2024	Saturday	calm/rippled	8				22			
23-Jun-2024	Sunday	choppy	2				3	16	0839	20
24-Jun-2024	Monday	choppy	10				34	6	0842	7
25-Jun-2024	Tuesday	calm/rippled	2							
26-Jun-2024	Wednesday	calm/rippled	9				23			
27-Jun-2024	Thursday	No Data	1				3			
28-Jun-2024	Friday	calm/rippled	11		5		27			
29-Jun-2024	Saturday	calm/rippled	8		2		11			
30-Jun-2024	Sunday	calm/rippled	6		20		21			
01-Jul-2024	Monday (Canada Day)	choppy	4		4		10	4	0835	4
02-Jul-2024	Tuesday	large swells	4				13			
03-Jul-2024	Wednesday	choppy	2				7	7	1008	8
	Totals	choppy	73		5		222	3*		4*
	Totals	calm/rippled	39		22		114	13*		16*

* 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	4	20	80		0.068		3.041		5		243
Weekend	16	10	160		0.564		2.923		90		468

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	June	234	0	150		651
2020	June	334	27	72		547
2021	June	408	0	123		1788
2022	June	426	0			1674
2023	June	396	0			1306
2024	June	239	0	84		668
5-Yr Avg	June	360	5	115		1193

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	84	100%	2%	54	84%	4%	2
Chinook	0	0%		31	49%	48%	15

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	112	82%
iRec Anglers	540	94%

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

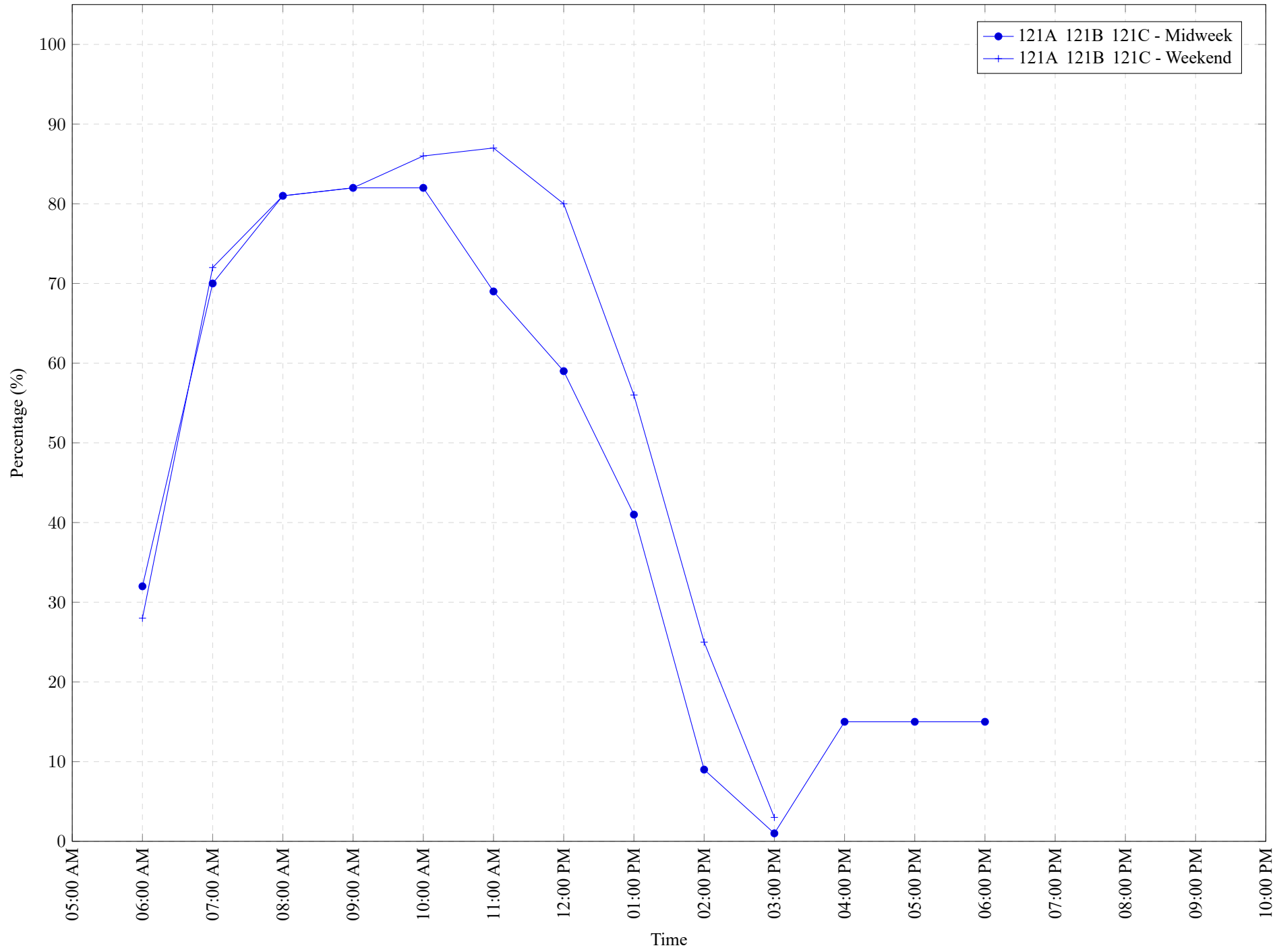


Table 7: Proportion of each day's fishing by hour.

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	32%	70%	81%	82%	82%	69%	59%	41%	9%	1%	15%	15%	15%	0%	0%	0%	0%
121A	121B	121C	Weekend	28%	72%	81%	82%	86%	87%	80%	56%	25%	3%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	McKay Bay Gas Dock	Pacific Gateway Marina	Port Renfrew Marina
29 May 2024	Midweek			
30 May 2024	Midweek			
31 May 2024	Midweek			
01 Jun 2024	Weekend			
02 Jun 2024	Weekend			
03 Jun 2024	Midweek			
04 Jun 2024	Midweek			
05 Jun 2024	Midweek		calm/rippled	
06 Jun 2024	Midweek		choppy	
07 Jun 2024	Midweek			
08 Jun 2024	Weekend	frequent whitecaps	choppy	
09 Jun 2024	Weekend		choppy	
10 Jun 2024	Midweek		choppy	
11 Jun 2024	Midweek			
12 Jun 2024	Midweek			
13 Jun 2024	Midweek		frequent whitecaps	
14 Jun 2024	Midweek			
15 Jun 2024	Weekend			
16 Jun 2024	Weekend		calm/rippled	
17 Jun 2024	Midweek		choppy	
18 Jun 2024	Midweek		choppy	
19 Jun 2024	Midweek			calm/rippled
20 Jun 2024	Midweek		choppy	
21 Jun 2024	Midweek			
22 Jun 2024	Weekend		calm/rippled	
23 Jun 2024	Weekend			choppy
24 Jun 2024	Midweek	calm/rippled	choppy	
25 Jun 2024	Midweek			calm/rippled
26 Jun 2024	Midweek		calm/rippled	
27 Jun 2024	Midweek			No Data
28 Jun 2024	Midweek		calm/rippled	calm/rippled
29 Jun 2024	Weekend			calm/rippled
30 Jun 2024	Weekend		calm/rippled	
01 Jul 2024	Weekend		choppy	
02 Jul 2024	Midweek		large swells	
03 Jul 2024	Midweek		choppy	