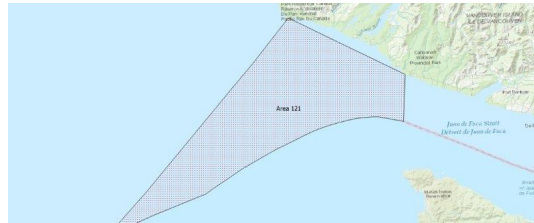


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 121 June 2023



Prepared By:

South Coast Salmon Stock Assessment Section

Friday 10th November, 2023



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	Eagle Marine (Fuel Dock) MD	Pacific Gateway Marina		Port Renfrew Marina MD
		MD	MD	PM	MD
29 May 2023	Midweek				
30 May 2023	Midweek				
31 May 2023	Midweek				
01 Jun 2023	Midweek				
02 Jun 2023	Midweek		9		
03 Jun 2023	Weekend		6		
04 Jun 2023	Weekend		2		
05 Jun 2023	Midweek				
06 Jun 2023	Midweek				
07 Jun 2023	Midweek	1		4	
08 Jun 2023	Midweek		3		
09 Jun 2023	Midweek				
10 Jun 2023	Weekend		11		
11 Jun 2023	Weekend				3
12 Jun 2023	Midweek				
13 Jun 2023	Midweek				
14 Jun 2023	Midweek				
15 Jun 2023	Midweek				
16 Jun 2023	Midweek				
17 Jun 2023	Weekend				
18 Jun 2023	Weekend		5		
19 Jun 2023	Midweek				1
20 Jun 2023	Midweek		4		
21 Jun 2023	Midweek				2
22 Jun 2023	Midweek				
23 Jun 2023	Midweek				
24 Jun 2023	Weekend		12		
25 Jun 2023	Weekend				3
26 Jun 2023	Midweek		9		
27 Jun 2023	Midweek				5
28 Jun 2023	Midweek			1	
29 Jun 2023	Midweek				
30 Jun 2023	Midweek		3		
01 Jul 2023	Weekend				1
02 Jul 2023	Weekend		3		
03 Jul 2023	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-May-2023	Monday		0							
30-May-2023	Tuesday		0							
31-May-2023	Wednesday		0							
01-Jun-2023	Thursday		0					14	0844	14
02-Jun-2023	Friday	calm/rippled	9				41			
03-Jun-2023	Saturday	calm/rippled	6				22	15	0840	20
04-Jun-2023	Sunday	frequent whitecaps	2				8			
05-Jun-2023	Monday		0					1	0831	1
06-Jun-2023	Tuesday		0							
07-Jun-2023	Wednesday	frequent whitecaps	5				18			
08-Jun-2023	Thursday	calm/rippled	3				9			
09-Jun-2023	Friday		0							
10-Jun-2023	Saturday	choppy	11				42	0	0823	0
11-Jun-2023	Sunday	large swells	3				6	8	0842	10
12-Jun-2023	Monday		0							
13-Jun-2023	Tuesday		0							
14-Jun-2023	Wednesday		0					0	0832	0
15-Jun-2023	Thursday		0							
16-Jun-2023	Friday		0							
17-Jun-2023	Saturday		1				4	8	0839	10
18-Jun-2023	Sunday	large swells	6				24			
19-Jun-2023	Monday	choppy	1				5			
20-Jun-2023	Tuesday	choppy	4				13			
21-Jun-2023	Wednesday	calm/rippled	2				3			
22-Jun-2023	Thursday		0							
23-Jun-2023	Friday		0							
24-Jun-2023	Saturday	calm/rippled	12				36	22	0909	27
25-Jun-2023	Sunday	calm/rippled	3				7			
26-Jun-2023	Monday	calm/rippled	9				32			
27-Jun-2023	Tuesday	calm/rippled	5				6			
28-Jun-2023	Wednesday	choppy	1				3			
29-Jun-2023	Thursday		0							
30-Jun-2023	Friday	calm/rippled	3				9	7	1259	9
01-Jul-2023	Saturday	calm/rippled	1				2	0	0838	0
02-Jul-2023	Sunday	calm/rippled	3				8			
03-Jul-2023	Monday (Canada Day)		0							
	Totals	choppy	42				139	6*		6*
	Totals	choppy	44				149	11*		13*

* 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	6	22	132				3.31				437
Weekend	13	8	104				3.386				352

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	June	582	2115	109		1181
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
5-Yr Avg	June	397	428	114		1168

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
Chinook	0	0%		37	27%	8%	3

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	84	77%
iRec Anglers	641	79%

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

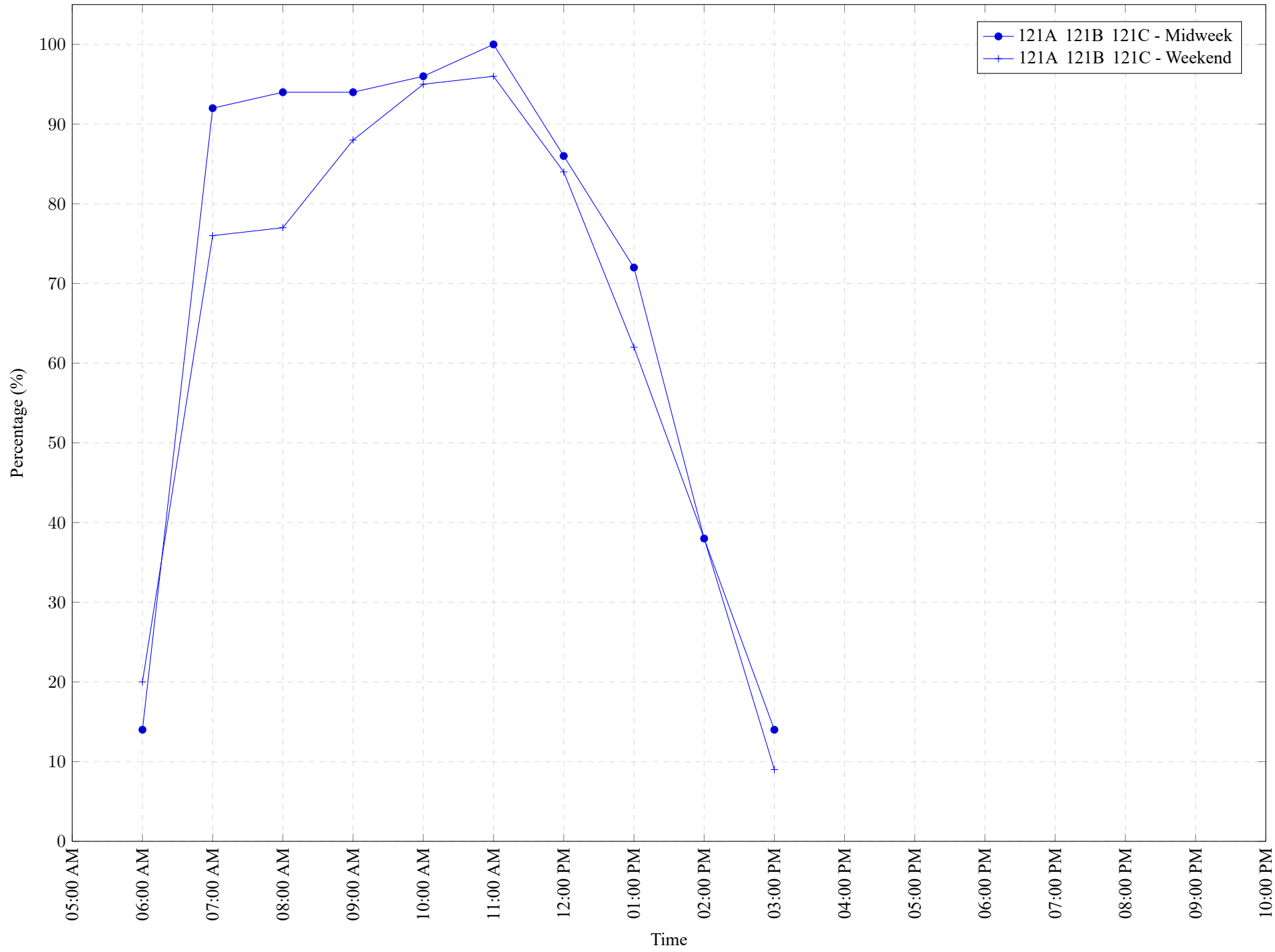


Table 7: Proportion of each day's fishing by hour.

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	14%	92%	94%	94%	96%	100%	86%	72%	38%	14%	0%	0%	0%	0%	0%	0%	0%
121A	121B	121C	Weekend	20%	76%	77%	88%	95%	96%	84%	62%	38%	9%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Eagle Marine (Fuel Dock)	Pacific Gateway Marina	Port Renfrew Marina
29 May 2023	Midweek			
30 May 2023	Midweek			
31 May 2023	Midweek			
01 Jun 2023	Midweek			
02 Jun 2023	Midweek		calm/rippled	
03 Jun 2023	Weekend		calm/rippled	
04 Jun 2023	Weekend		frequent whitecaps	
05 Jun 2023	Midweek			
06 Jun 2023	Midweek			
07 Jun 2023	Midweek	choppy	frequent whitecaps	
08 Jun 2023	Midweek		calm/rippled	
09 Jun 2023	Midweek			
10 Jun 2023	Weekend		choppy	
11 Jun 2023	Weekend			large swells
12 Jun 2023	Midweek			
13 Jun 2023	Midweek			
14 Jun 2023	Midweek			
15 Jun 2023	Midweek			
16 Jun 2023	Midweek			
17 Jun 2023	Weekend			
18 Jun 2023	Weekend		large swells	
19 Jun 2023	Midweek			choppy
20 Jun 2023	Midweek		choppy	
21 Jun 2023	Midweek			calm/rippled
22 Jun 2023	Midweek			
23 Jun 2023	Midweek			
24 Jun 2023	Weekend		calm/rippled	
25 Jun 2023	Weekend			calm/rippled
26 Jun 2023	Midweek		calm/rippled	
27 Jun 2023	Midweek			calm/rippled
28 Jun 2023	Midweek		choppy	
29 Jun 2023	Midweek			
30 Jun 2023	Midweek		calm/rippled	
01 Jul 2023	Weekend			calm/rippled
02 Jul 2023	Weekend		calm/rippled	
03 Jul 2023	Weekend			