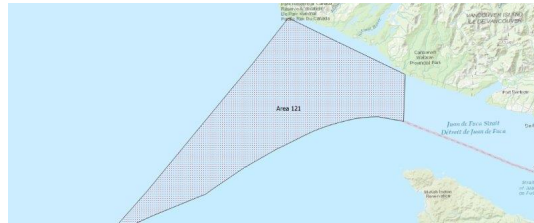


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 121 June 2022



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 19th January, 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	Mills Landing	Pacific Gateway Marina		Port Renfrew Marina		Ucluelet Gov Dock
		MD	MD	PM	AM	MD	MD
29 May 2022	Weekend						
30 May 2022	Midweek						
31 May 2022	Midweek						
01 Jun 2022	Midweek	1					
02 Jun 2022	Midweek						
03 Jun 2022	Midweek						
04 Jun 2022	Weekend						
05 Jun 2022	Weekend						
06 Jun 2022	Midweek						
07 Jun 2022	Midweek		4				
08 Jun 2022	Midweek		4				
09 Jun 2022	Midweek		3				
10 Jun 2022	Midweek		8				
11 Jun 2022	Weekend		14				
12 Jun 2022	Weekend		6				
13 Jun 2022	Midweek						
14 Jun 2022	Midweek		4				
15 Jun 2022	Midweek					1	1
16 Jun 2022	Midweek		4				
17 Jun 2022	Midweek		5			3	
18 Jun 2022	Weekend		8				
19 Jun 2022	Weekend			3		2	
20 Jun 2022	Midweek		6				
21 Jun 2022	Midweek		2				
22 Jun 2022	Midweek					1	
23 Jun 2022	Midweek					1	
24 Jun 2022	Midweek		12				
25 Jun 2022	Weekend		10			7	
26 Jun 2022	Weekend						
27 Jun 2022	Midweek		8				
28 Jun 2022	Midweek						
29 Jun 2022	Midweek		9				
30 Jun 2022	Midweek				2	3	
01 Jul 2022	Weekend				5		
02 Jul 2022	Weekend		4				
03 Jul 2022	Weekend					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-May-2022	Sunday		0							
30-May-2022	Monday		0							
31-May-2022	Tuesday		0							
01-Jun-2022	Wednesday	choppy	1				1	7	0737	8
02-Jun-2022	Thursday		0							
03-Jun-2022	Friday		0							
04-Jun-2022	Saturday		0					2	0850	3
05-Jun-2022	Sunday		0							
06-Jun-2022	Monday		0							
07-Jun-2022	Tuesday	choppy	4				15			
08-Jun-2022	Wednesday	choppy	4				26			
09-Jun-2022	Thursday	large swells	3				15	0	0730	0
10-Jun-2022	Friday	choppy	8				31			
11-Jun-2022	Saturday	choppy	14				37			
12-Jun-2022	Sunday	choppy	6				16	4	0834	6
13-Jun-2022	Monday		0					0	0825	0
14-Jun-2022	Tuesday	frequent whitecaps	4				14			
15-Jun-2022	Wednesday	calm/rippled	2				13			
16-Jun-2022	Thursday	calm/rippled	4				20			
17-Jun-2022	Friday	choppy	8				15			
18-Jun-2022	Saturday	choppy	8				36	12	0834	19
19-Jun-2022	Sunday	choppy	5				14			
20-Jun-2022	Monday	calm/rippled	6				29			
21-Jun-2022	Tuesday	calm/rippled	2				12			
22-Jun-2022	Wednesday	frequent whitecaps	1				3			
23-Jun-2022	Thursday	calm/rippled	1					10	0830	11
24-Jun-2022	Friday	calm/rippled	12				55			
25-Jun-2022	Saturday	choppy	17				60	17	0848	26
26-Jun-2022	Sunday		0							
27-Jun-2022	Monday	choppy	8				29			
28-Jun-2022	Tuesday		0					8	0843	9
29-Jun-2022	Wednesday	calm/rippled	9				37			
30-Jun-2022	Thursday	choppy	5				7			
01-Jul-2022	Friday (Canada Day)	choppy	5				20	18	0906	26
02-Jul-2022	Saturday	calm/rippled	4				13			
03-Jul-2022	Sunday	choppy	1				4			
	Totals	choppy	82				322	5*		6*
	Totals	choppy	50				163	9*		14*

* 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				3.927				518
Weekend	14	8	112				3.26				365

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	June	293	1246	335		382
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
5-Yr Avg	June	370	678	158		910

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	132	74%
iRec Anglers	569	90%

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

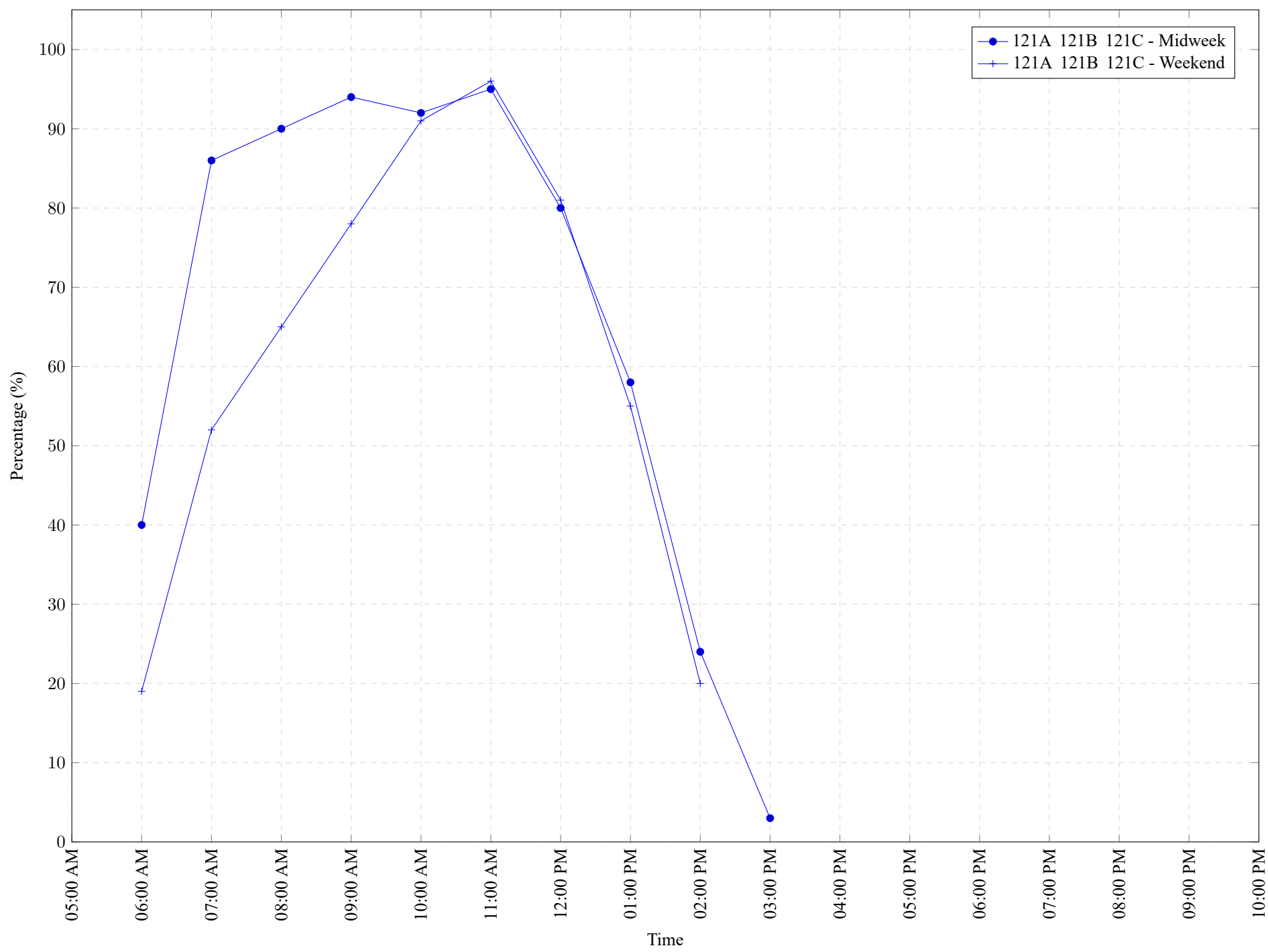


Table 7: Proportion of each day's fishing by hour.

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	40%	86%	90%	94%	92%	95%	80%	58%	24%	3%	0%	0%	0%	0%	0%	0%	0%
121A	121B	121C	Weekend	19%	52%	65%	78%	91%	96%	81%	55%	20%	0%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Mills Landing	Pacific Gateway Marina	Port Renfrew Marina	Ucluelet Gov Dock
29 May 2022	Weekend				
30 May 2022	Midweek				
31 May 2022	Midweek				
01 Jun 2022	Midweek	choppy			
02 Jun 2022	Midweek				
03 Jun 2022	Midweek				
04 Jun 2022	Weekend				
05 Jun 2022	Weekend				
06 Jun 2022	Midweek				
07 Jun 2022	Midweek		choppy		
08 Jun 2022	Midweek		choppy		
09 Jun 2022	Midweek		large swells		
10 Jun 2022	Midweek		choppy		
11 Jun 2022	Weekend		choppy		
12 Jun 2022	Weekend		choppy		
13 Jun 2022	Midweek				
14 Jun 2022	Midweek		frequent whitecaps		
15 Jun 2022	Midweek			calm/rippled	calm/rippled
16 Jun 2022	Midweek		calm/rippled		
17 Jun 2022	Midweek		frequent whitecaps	calm/rippled	
18 Jun 2022	Weekend		choppy		
19 Jun 2022	Weekend		choppy	choppy	
20 Jun 2022	Midweek		calm/rippled		
21 Jun 2022	Midweek		calm/rippled		
22 Jun 2022	Midweek			frequent whitecaps	
23 Jun 2022	Midweek			calm/rippled	
24 Jun 2022	Midweek		calm/rippled		
25 Jun 2022	Weekend		choppy	choppy	
26 Jun 2022	Weekend				
27 Jun 2022	Midweek		choppy		
28 Jun 2022	Midweek				
29 Jun 2022	Midweek		calm/rippled		
30 Jun 2022	Midweek			calm/rippled	
01 Jul 2022	Weekend			choppy	
02 Jul 2022	Weekend		calm/rippled		
03 Jul 2022	Weekend			choppy	