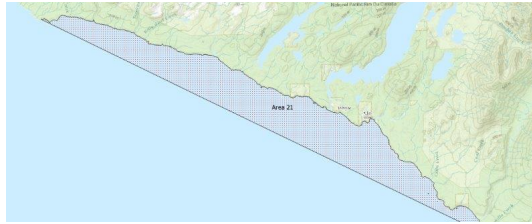


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 21 August 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	Pacific Gateway Marina		Port Renfrew Marina	Ucluelet Gov Dock
		MD	PM	MD	MD
29 Jul 2022	Midweek				
30 Jul 2022	Weekend				1
31 Jul 2022	Weekend			2	
01 Aug 2022	Weekend				
02 Aug 2022	Midweek				
03 Aug 2022	Midweek				
04 Aug 2022	Midweek			1	
05 Aug 2022	Midweek	1			
06 Aug 2022	Weekend				
07 Aug 2022	Weekend	1			
08 Aug 2022	Midweek				
09 Aug 2022	Midweek				
10 Aug 2022	Midweek	1			
11 Aug 2022	Midweek				
12 Aug 2022	Midweek				
13 Aug 2022	Weekend				
14 Aug 2022	Weekend				
15 Aug 2022	Midweek				
16 Aug 2022	Midweek			1	
17 Aug 2022	Midweek	1			
18 Aug 2022	Midweek				
19 Aug 2022	Midweek				
20 Aug 2022	Weekend			2	
21 Aug 2022	Weekend	2			
22 Aug 2022	Midweek				
23 Aug 2022	Midweek		1		
24 Aug 2022	Midweek				
25 Aug 2022	Midweek				
26 Aug 2022	Midweek				
27 Aug 2022	Weekend				
28 Aug 2022	Weekend				
29 Aug 2022	Midweek				
30 Aug 2022	Midweek				
31 Aug 2022	Midweek				
01 Sep 2022	Midweek				
02 Sep 2022	Midweek				
03 Sep 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-Jul-2022	Friday		0							
30-Jul-2022	Saturday	choppy	1	1						
31-Jul-2022	Sunday	choppy	2	1			4			
01-Aug-2022	Monday (B.C. Day)		0							
02-Aug-2022	Tuesday		0							
03-Aug-2022	Wednesday		0							
04-Aug-2022	Thursday	calm/rippled	1					1	0902	1
05-Aug-2022	Friday	choppy	1							
06-Aug-2022	Saturday		0					0	0855	0
07-Aug-2022	Sunday	calm/rippled	1							
08-Aug-2022	Monday		0							
09-Aug-2022	Tuesday		0							
10-Aug-2022	Wednesday	calm/rippled	1					2	1149	3
11-Aug-2022	Thursday		0							
12-Aug-2022	Friday		0							
13-Aug-2022	Saturday		0							
14-Aug-2022	Sunday		0					1	0849	1
15-Aug-2022	Monday		0							
16-Aug-2022	Tuesday	choppy	1							
17-Aug-2022	Wednesday	choppy	1					0	0847	0
18-Aug-2022	Thursday		0							
19-Aug-2022	Friday		0							
20-Aug-2022	Saturday	choppy	2	2			2			
21-Aug-2022	Sunday	choppy	2	2				9	0857	11
22-Aug-2022	Monday		0							
23-Aug-2022	Tuesday	choppy	1							
24-Aug-2022	Wednesday		0					5	1109	7
25-Aug-2022	Thursday		0							
26-Aug-2022	Friday		0							
27-Aug-2022	Saturday		0					0	0913	0
28-Aug-2022	Sunday		0							
29-Aug-2022	Monday		0					0	0849	0
30-Aug-2022	Tuesday		0							
31-Aug-2022	Wednesday		0							
01-Sep-2022	Thursday		0							
02-Sep-2022	Friday		0							
03-Sep-2022	Saturday	calm/rippled	1							
	Totals	choppy	6					2*		2*
	Totals	choppy	5	4			2	3*		3*

* 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	3	9	27	0.8			0.4	22			11
Midweek	2	22	44								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	August	161	175	28		5
2018	August	427	346	150	126	40
2019	August	275	892	75		8
2020	August	100	157	84		44
2021	August	99	398	15	0	7
2022	August	75	16			8
5-Yr Avg	August	212	394	70	63	21

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%		50	19%	4%	2

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	11	27%
iRec Anglers	360	37%

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

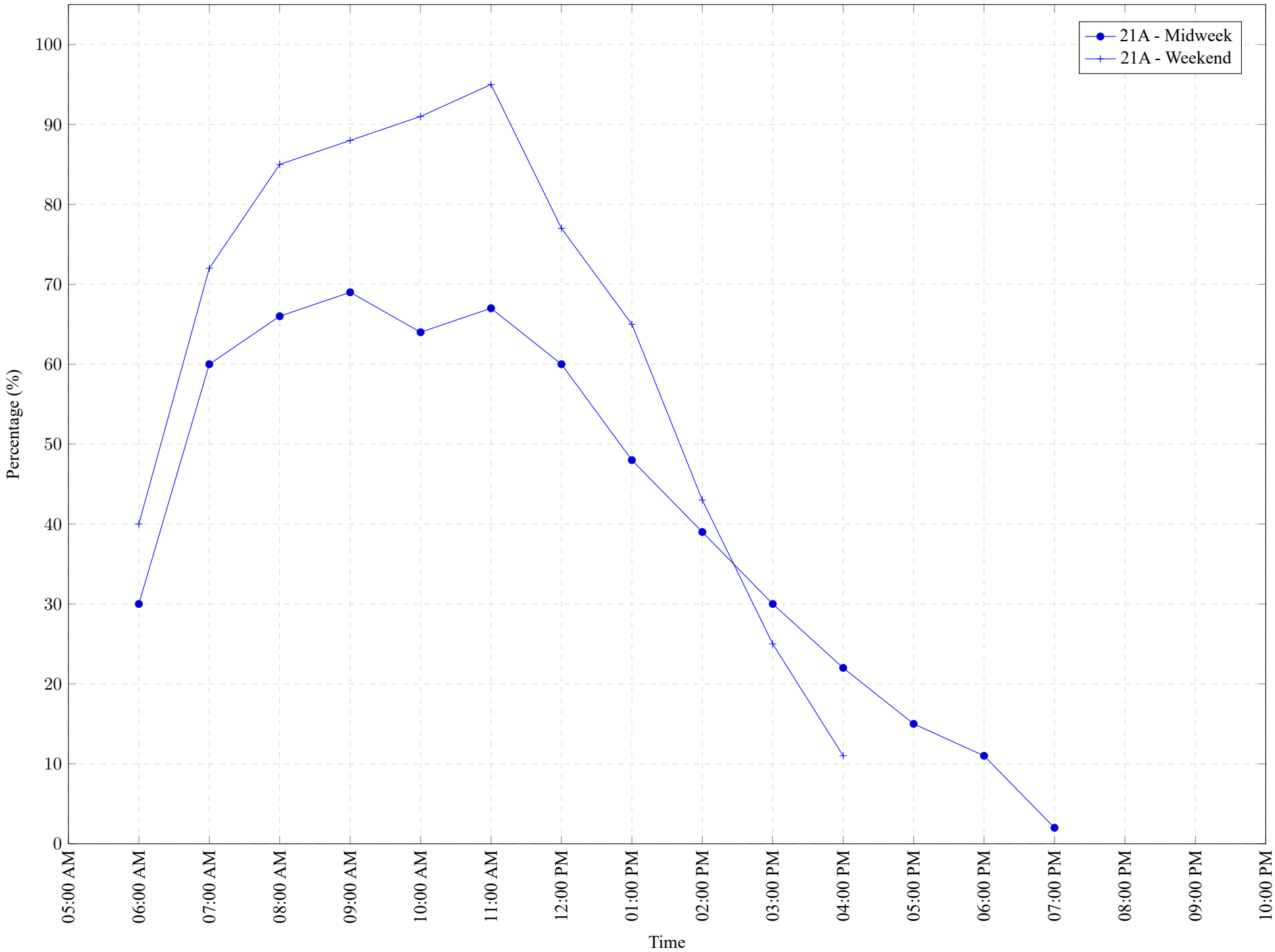


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
21A	Midweek	30%	60%	66%	69%	64%	67%	60%	48%	39%	30%	22%	15%	11%	2%	0%	0%	0%
21A	Weekend	40%	72%	85%	88%	91%	95%	77%	65%	43%	25%	11%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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