

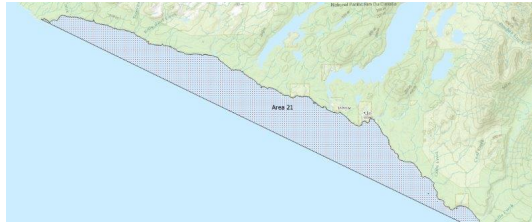
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 21 September 2019



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Thursday 27<sup>th</sup> August, 2020



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**Table 1: Numbers of Interviews conducted contributing to the area by day and access site.**

Date	Day Type	Pacific Gateway Marina MD	Port Renfrew Marina AM
29 Aug 2019	Midweek	2	
30 Aug 2019	Midweek		
31 Aug 2019	Weekend	7	
01 Sep 2019	Weekend		1
02 Sep 2019	Weekend	7	
03 Sep 2019	Midweek		
04 Sep 2019	Midweek		
05 Sep 2019	Midweek		
06 Sep 2019	Midweek		
07 Sep 2019	Weekend		
08 Sep 2019	Weekend		
09 Sep 2019	Midweek		
10 Sep 2019	Midweek		
11 Sep 2019	Midweek		
12 Sep 2019	Midweek		
13 Sep 2019	Midweek		
14 Sep 2019	Weekend		
15 Sep 2019	Weekend		
16 Sep 2019	Midweek		
17 Sep 2019	Midweek		
18 Sep 2019	Midweek		
19 Sep 2019	Midweek		
20 Sep 2019	Midweek		
21 Sep 2019	Weekend		
22 Sep 2019	Weekend		
23 Sep 2019	Midweek		
24 Sep 2019	Midweek		
25 Sep 2019	Midweek		
26 Sep 2019	Midweek		
27 Sep 2019	Midweek		
28 Sep 2019	Weekend		
29 Sep 2019	Weekend		
30 Sep 2019	Midweek		
01 Oct 2019	Midweek		
02 Oct 2019	Midweek		
03 Oct 2019	Midweek		

*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-Aug-2019	Thursday	calm/rippled	2	4				3	0945	6
30-Aug-2019	Friday		0							
31-Aug-2019	Saturday	calm/rippled	7	32	2			7	0909	8
01-Sep-2019	Sunday	calm/rippled	1	1						
02-Sep-2019	Monday (Labour Day)	calm/rippled	7	22	1					
03-Sep-2019	Tuesday		0							
04-Sep-2019	Wednesday		0							
05-Sep-2019	Thursday		0							
06-Sep-2019	Friday		0							
07-Sep-2019	Saturday		0					4	0825	4
08-Sep-2019	Sunday		0							
09-Sep-2019	Monday		0							
10-Sep-2019	Tuesday		0							
11-Sep-2019	Wednesday		0					3	0907	6
12-Sep-2019	Thursday		0							
13-Sep-2019	Friday		0							
14-Sep-2019	Saturday		0							
15-Sep-2019	Sunday		0							
16-Sep-2019	Monday		0							
17-Sep-2019	Tuesday		0							
18-Sep-2019	Wednesday		0					0	0921	0
19-Sep-2019	Thursday		0							
20-Sep-2019	Friday		0							
21-Sep-2019	Saturday		0							
22-Sep-2019	Sunday		0							
23-Sep-2019	Monday		0					0	0858	0
24-Sep-2019	Tuesday		0							
25-Sep-2019	Wednesday		0							
26-Sep-2019	Thursday		0							
27-Sep-2019	Friday		0							
28-Sep-2019	Saturday		0							
29-Sep-2019	Sunday		0					1	1017	1
30-Sep-2019	Monday		0							
01-Oct-2019	Tuesday		0							
02-Oct-2019	Wednesday		0							
03-Oct-2019	Thursday		0							
	Totals							1*		2*
	Totals	calm/rippled	8	23	1			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	10	30	2.8750	0.1250			86	4		
Midweek	2	20	40								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	September	93	84			28
2015	September	116	432			
2016	September	131	108	6		
2017	September	75				
2018	September	13				
2019	September	63	77	3		0
5-Yr Avg	September	86	208	6		28

**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	8	62%
iRec Anglers	77	0%
iRec Responses	1	0%

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

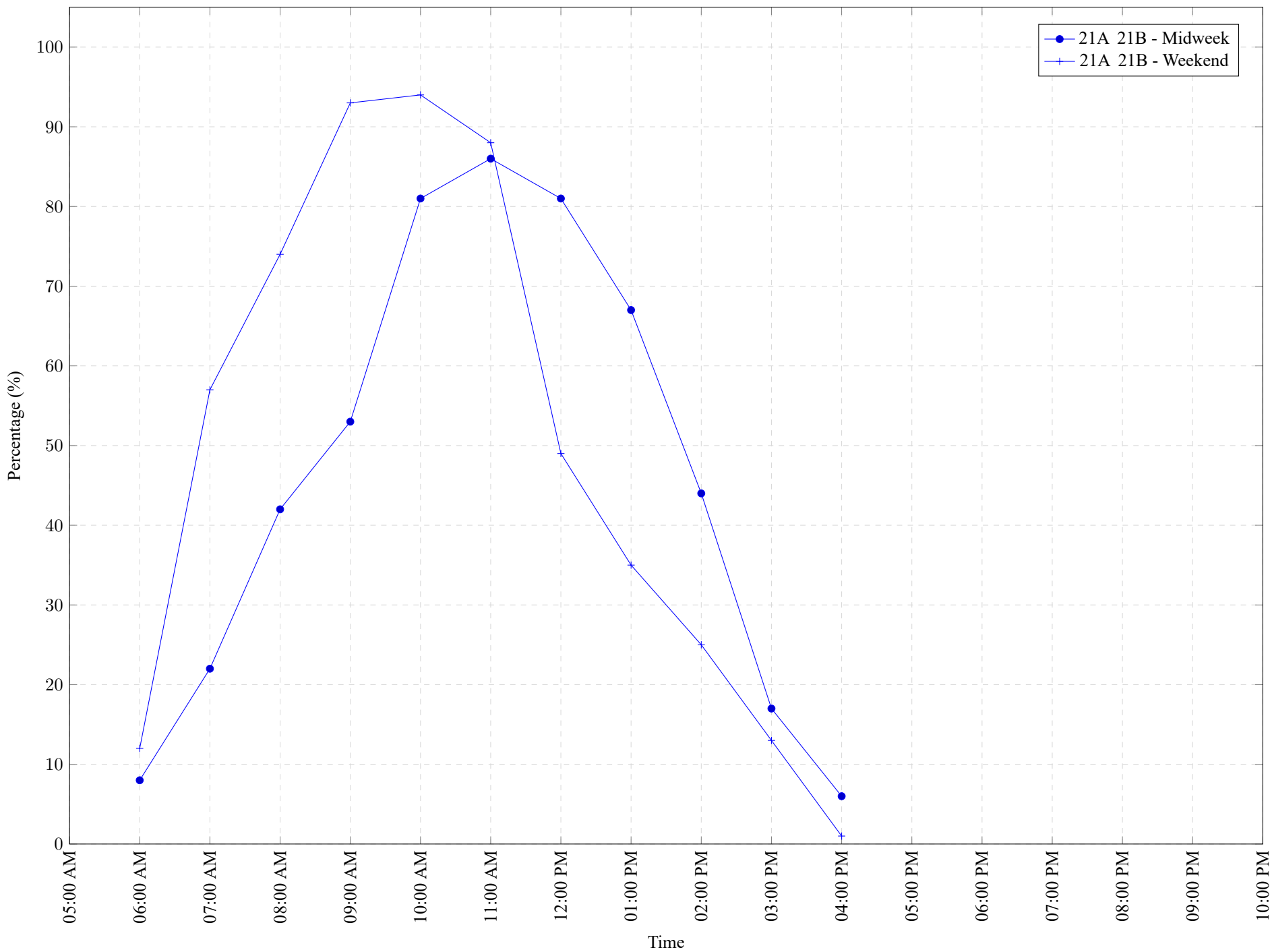


Table 7: Proportion of each day's fishing by hour.

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
21A	21B	Midweek	8%	22%	42%	53%	81%	86%	81%	67%	44%	17%	6%	0%	0%	0%	0%	0%	0%
21A	21B	Weekend	12%	57%	74%	93%	94%	88%	49%	35%	25%	13%	1%	0%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Pacific Gateway Marina	Port Renfrew Marina
29 Aug 2019	Midweek	calm/rippled	
30 Aug 2019	Midweek		
31 Aug 2019	Weekend	calm/rippled	
01 Sep 2019	Weekend		calm/rippled
02 Sep 2019	Weekend	calm/rippled	
03 Sep 2019	Midweek		
04 Sep 2019	Midweek		
05 Sep 2019	Midweek		
06 Sep 2019	Midweek		
07 Sep 2019	Weekend		
08 Sep 2019	Weekend		
09 Sep 2019	Midweek		
10 Sep 2019	Midweek		
11 Sep 2019	Midweek		
12 Sep 2019	Midweek		
13 Sep 2019	Midweek		
14 Sep 2019	Weekend		
15 Sep 2019	Weekend		
16 Sep 2019	Midweek		
17 Sep 2019	Midweek		
18 Sep 2019	Midweek		
19 Sep 2019	Midweek		
20 Sep 2019	Midweek		
21 Sep 2019	Weekend		
22 Sep 2019	Weekend		
23 Sep 2019	Midweek		
24 Sep 2019	Midweek		
25 Sep 2019	Midweek		
26 Sep 2019	Midweek		
27 Sep 2019	Midweek		
28 Sep 2019	Weekend		
29 Sep 2019	Weekend		
30 Sep 2019	Midweek		
01 Oct 2019	Midweek		
02 Oct 2019	Midweek		
03 Oct 2019	Midweek		