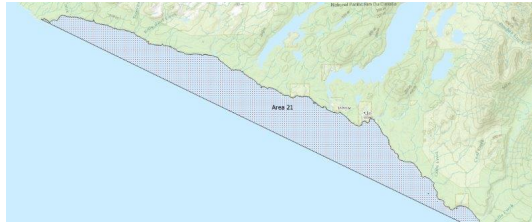


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 21 July 2019



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



Fisheries and Oceans
Canada

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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		
		MD	AM	MD	PM
28 Jun 2019	Midweek	6			
29 Jun 2019	Weekend			3	
30 Jun 2019	Weekend	7			
01 Jul 2019	Weekend				
02 Jul 2019	Midweek				
03 Jul 2019	Midweek				
04 Jul 2019	Midweek				
05 Jul 2019	Midweek	10			
06 Jul 2019	Weekend			1	
07 Jul 2019	Weekend	7			
08 Jul 2019	Midweek			2	
09 Jul 2019	Midweek				
10 Jul 2019	Midweek				
11 Jul 2019	Midweek				
12 Jul 2019	Midweek				3
13 Jul 2019	Weekend			3	
14 Jul 2019	Weekend	8			
15 Jul 2019	Midweek		1		
16 Jul 2019	Midweek	4			
17 Jul 2019	Midweek				
18 Jul 2019	Midweek				
19 Jul 2019	Midweek	8			
20 Jul 2019	Weekend			2	
21 Jul 2019	Weekend	3			
22 Jul 2019	Midweek				
23 Jul 2019	Midweek				
24 Jul 2019	Midweek				
25 Jul 2019	Midweek	8			
26 Jul 2019	Midweek				
27 Jul 2019	Weekend				
28 Jul 2019	Weekend				
29 Jul 2019	Midweek	8			
30 Jul 2019	Midweek				
31 Jul 2019	Midweek				
01 Aug 2019	Midweek				
02 Aug 2019	Midweek				
03 Aug 2019	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
28-Jun-2019	Friday	choppy	6	4	4					
29-Jun-2019	Saturday	calm/rippled	3							
30-Jun-2019	Sunday	choppy	8	23						
01-Jul-2019	Monday (Canada Day)		0							
02-Jul-2019	Tuesday		0							
03-Jul-2019	Wednesday		0					3	0830	3
04-Jul-2019	Thursday		1	4						
05-Jul-2019	Friday	calm/rippled	11	39	3					
06-Jul-2019	Saturday	calm/rippled	2	2				17	0915	18
07-Jul-2019	Sunday	calm/rippled	7	22	6					
08-Jul-2019	Monday	calm/rippled	2	1						
09-Jul-2019	Tuesday		0					5	0848	6
10-Jul-2019	Wednesday		0							
11-Jul-2019	Thursday		0							
12-Jul-2019	Friday	calm/rippled	4	7			3			
13-Jul-2019	Saturday	calm/rippled	4	7						
14-Jul-2019	Sunday	calm/rippled	8	13						
15-Jul-2019	Monday	calm/rippled	1	4						
16-Jul-2019	Tuesday	calm/rippled	5	24	10					
17-Jul-2019	Wednesday		1	3						
18-Jul-2019	Thursday		0					0	0845	0
19-Jul-2019	Friday	frequent whitecaps	9	25						
20-Jul-2019	Saturday	calm/rippled	3	9				5	0851	6
21-Jul-2019	Sunday	choppy	4	17			2			
22-Jul-2019	Monday		1	4				1	0853	1
23-Jul-2019	Tuesday		0							
24-Jul-2019	Wednesday		1	4						
25-Jul-2019	Thursday	calm/rippled	9	33						
26-Jul-2019	Friday		0							
27-Jul-2019	Saturday		0					3	0856	3
28-Jul-2019	Sunday		0							
29-Jul-2019	Monday	choppy	8	24						
30-Jul-2019	Tuesday		0					2	0853	2
31-Jul-2019	Wednesday		1	7	10					
01-Aug-2019	Thursday		0							
02-Aug-2019	Friday		0							
03-Aug-2019	Saturday		1	3	3					
	Totals	calm/rippled	54	179	23		3	2*		2*
	Totals	calm/rippled	28	70	6		2	8*		9*

* 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	2	22	44	3.3150	0.4260		0.0560	146	19		2
Weekend	9	9	81	2.50	0.2140		0.0710	203	17		6

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	July	130				
2015	July	171	133	29		116
2016	July	70	94			
2017	July	112	251	15		
2018	July	166	645	21		
2019	July	134	341	37		10
5-Yr Avg	July	130	281	22		116

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	27	73%	26%	224	100%	3%	7
Chinook	156	46%	44%	468	53%	15%	68

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	103	79%
iRec Anglers	1051	79%
iRec Responses	37	22%

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

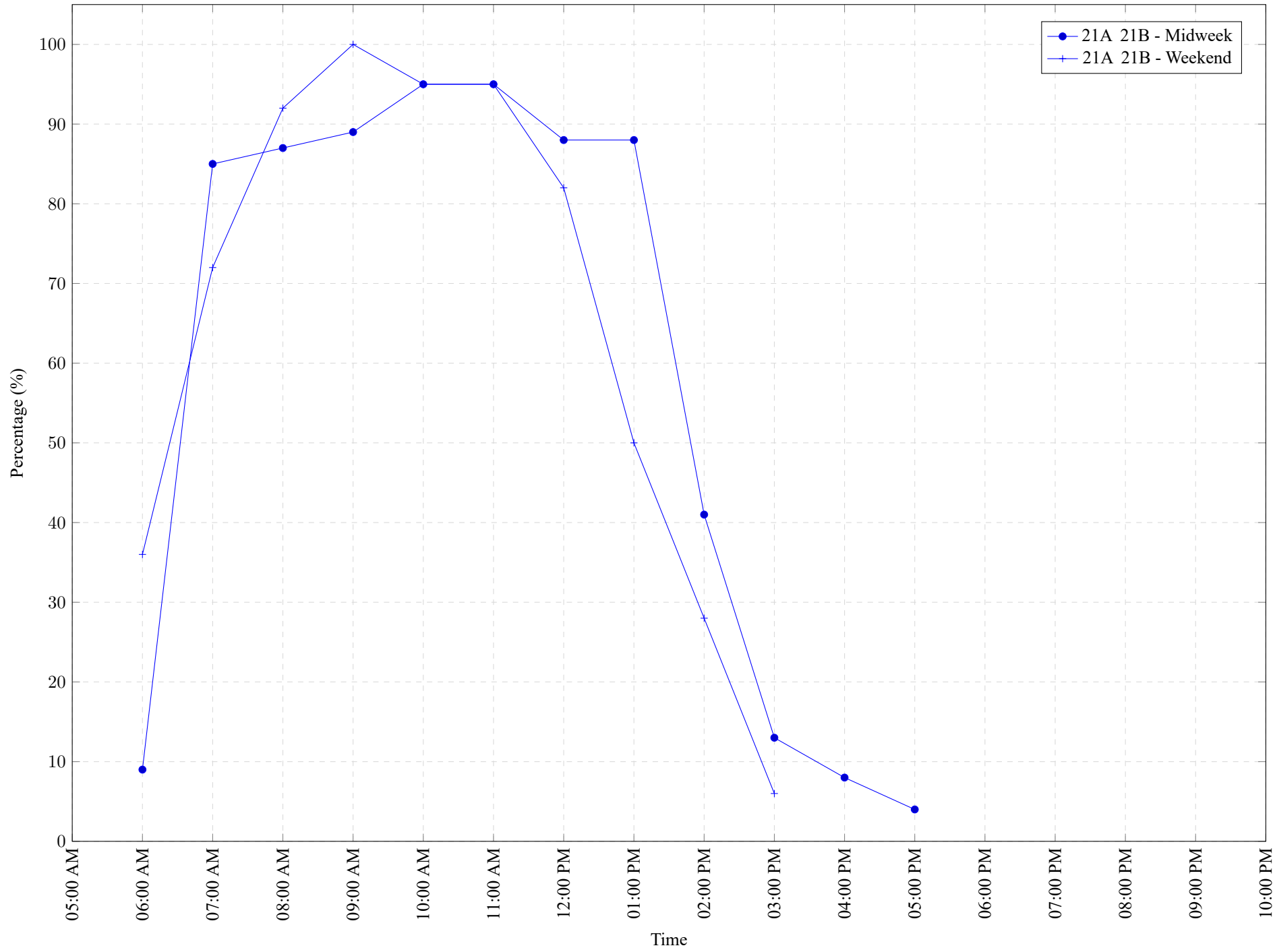


Table 7: Proportion of each day’s fishing by hour.

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	9%	85%	87%	89%	95%	95%	88%	88%	41%	13%	8%	4%	0%	0%	0%	0%	0%
21A	21B	Weekend	36%	72%	92%	100%	95%	95%	82%	50%	28%	6%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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