FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 121 August 2020



Prepared By: South Coast Salmon Stock Assessment Section

Friday 19th February, 2021

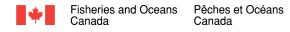




Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

,		8		
		Pacific	Port Re	enfrew
		Gateway	Mar	ina
		Marina		
Date	Day Type	MD	MD	PM
29 Jul 2020	Midweek		1	
30 Jul 2020	Midweek			1
31 Jul 2020	Midweek			
01 Aug 2020	Weekend	14		
02 Aug 2020	Weekend			
03 Aug 2020	Weekend	7	2	
04 Aug 2020	Midweek		4	
05 Aug 2020	Midweek	15		
06 Aug 2020	Midweek			
07 Aug 2020	Midweek			
08 Aug 2020	Weekend			
09 Aug 2020	Weekend		4	
10 Aug 2020	Midweek	6	3	
11 Aug 2020	Midweek			
12 Aug 2020	Midweek		1	
13 Aug 2020	Midweek		2	
14 Aug 2020	Midweek			
15 Aug 2020	Weekend			
16 Aug 2020	Weekend			
17 Aug 2020	Midweek		1	
18 Aug 2020	Midweek	13		
19 Aug 2020	Midweek	8		
20 Aug 2020	Midweek			
21 Aug 2020	Midweek			
22 Aug 2020	Weekend	8		
23 Aug 2020	Weekend		1	
24 Aug 2020	Midweek			
25 Aug 2020	Midweek			
26 Aug 2020	Midweek	6		
27 Aug 2020	Midweek			
28 Aug 2020	Midweek	6		
29 Aug 2020	Weekend			
30 Aug 2020	Weekend	6		
31 Aug 2020	Midweek		2	
01 Sep 2020	Midweek	3		
02 Sep 2020	Midweek	2	1	
03 Sep 2020	Midweek			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-2020	Wednesday	calm/rippled	1		1		3			
30-Jul-2020	Thursday	calm/rippled	1				1			
31-Jul-2020	Friday	• •	0							
01-Aug-2020	Saturday	choppy	14	64	66		39			
02-Aug-2020	Sunday		0					50	0925	66
03-Aug-2020	Monday (B.C. Day)	calm/rippled	9	47	41		14			
04-Aug-2020	Tuesday	calm/rippled	4	9	22		15			
05-Aug-2020	Wednesday	calm/rippled	15	41	49		41	1	0917	1
06-Aug-2020	Thursday		0							
07-Aug-2020	Friday		0							
08-Aug-2020	Saturday		0							
09-Aug-2020	Sunday	calm/rippled	4	4	7		10			
10-Aug-2020	Monday	calm/rippled	9	4	4		25			
11-Aug-2020	Tuesday		0							
12-Aug-2020	Wednesday	calm/rippled	1		8		3			
13-Aug-2020	Thursday	choppy	2				3	19	0821	27
14-Aug-2020	Friday		0							
15-Aug-2020	Saturday		0					25	0813	37
16-Aug-2020	Sunday		0							
17-Aug-2020	Monday	calm/rippled	1		6					
18-Aug-2020	Tuesday	calm/rippled	13	2	49		24			
19-Aug-2020	Wednesday	calm/rippled	8	1	26		17			
20-Aug-2020	Thursday		0							
21-Aug-2020	Friday		0							
22-Aug-2020	Saturday	calm/rippled	8	3	17		19	3	0829	4
23-Aug-2020	Sunday	choppy	1	2			2			
24-Aug-2020	Monday		0							
25-Aug-2020	Tuesday		0							
26-Aug-2020	Wednesday	calm/rippled	6		15		11			
27-Aug-2020	Thursday		0							
28-Aug-2020	Friday	choppy	6	1	8		3	13	0856	18
29-Aug-2020	Saturday		0					0	0918	0
30-Aug-2020	Sunday	choppy	6	1	4		11		0012	
31-Aug-2020	Monday	choppy	2		4		9	0	0813	0
01-Sep-2020	Tuesday	calm/rippled	3		10		11			
02-Sep-2020	Wednesday	calm/rippled	3		14		4		0000	
03-Sep-2020	Thursday	calm/rippled	1		101		4.5.	6	0928	8
	Totals	calm/rippled	67	58	191		151	8* 20*		12*
	Totals	choppy	42	121	135		95	20*		27*

^{*} Average number of boats Observed and Expanded

Table 3: Simple area based cpue (catch per boat trip) expansion.

				CPUE				Retained			
Day Type	Average	Number of	Total	Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut
	Expanded	Days	Estimated								
	Boats		Effort								
Weekend	27	11	297	2.8810	3.2140		2.2620	856	955		672
Midweek	12	20	240	0.8660	2.8510		2.2540	208	684		541

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

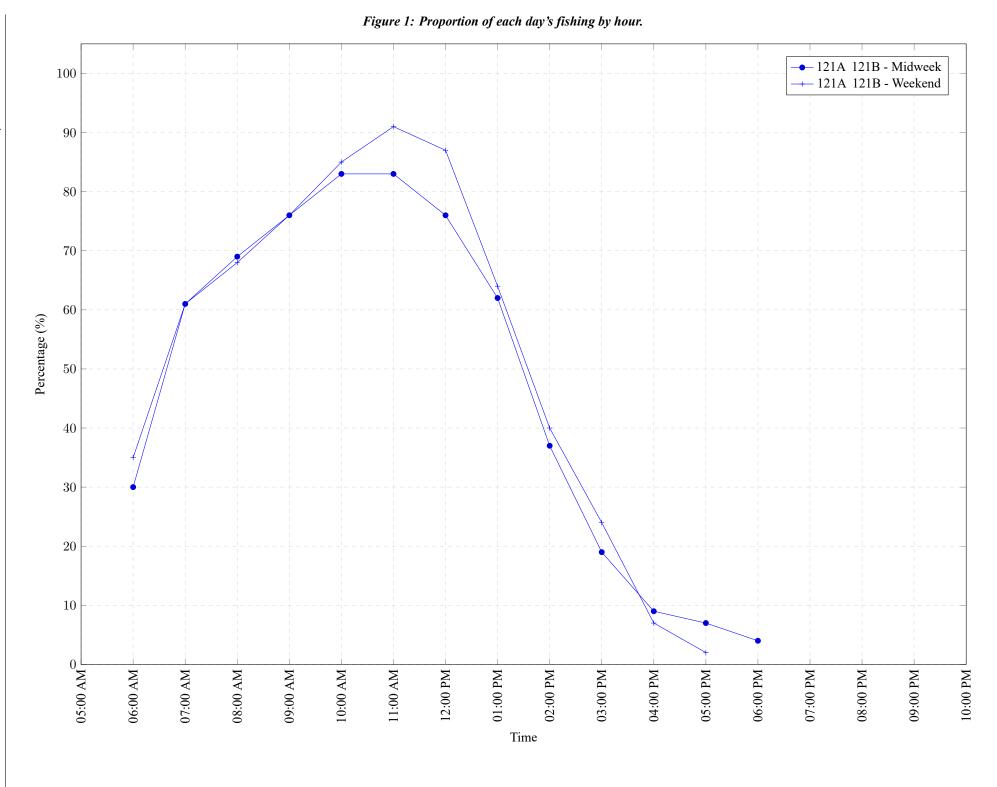
Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	August	490	2159	402		712
2016	August	653	2311	278		695
2017	August	770	2464	2727		827
2018	August	1102	1335	4451	724	2298
2019	August	609	1978	1698		1130
2020	August	667	1161	1692		1492
5-Yr Avg	August	725	2049	1911	724	1132

Table 5: Sport Head Recovery Review.

Species	Creel Marked Catch		Creel Submission Rate	iRec Marked Catch		iRec Submission Rate	Sport Head Recoveries
Coho	1345	79%	4%	930	79%	5%	48
Chinook	394	34%	5%	236	50%	8%	20

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	200	59%
iRec Anglers	1444	55%



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

Areas	Day Type			10:00 AM							10:00 PM
121A 121B 121A 121B	Midweek Weekend									0% 0%	0% 0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Pacific	Port
		Gateway	Renfrew
		Marina	Marina
29 Jul 2020	Midweek		calm/rippled
30 Jul 2020	Midweek		calm/rippled
31 Jul 2020	Midweek		- Trppiou
01 Aug 2020	Weekend	choppy	
02 Aug 2020	Weekend		
03 Aug 2020	Weekend	calm/rippled	choppy
04 Aug 2020	Midweek	11	calm/rippled
05 Aug 2020	Midweek	calm/rippled	11
06 Aug 2020	Midweek	11	
07 Aug 2020	Midweek		
08 Aug 2020	Weekend		
09 Aug 2020	Weekend		calm/rippled
10 Aug 2020	Midweek	calm/rippled	choppy
11 Aug 2020	Midweek		111
12 Aug 2020	Midweek		calm/rippled
13 Aug 2020	Midweek		choppy
14 Aug 2020	Midweek		
15 Aug 2020	Weekend		
16 Aug 2020	Weekend		
17 Aug 2020	Midweek		calm/rippled
18 Aug 2020	Midweek	calm/rippled	
19 Aug 2020	Midweek	calm/rippled	
20 Aug 2020	Midweek		
21 Aug 2020	Midweek		
22 Aug 2020	Weekend	calm/rippled	
23 Aug 2020	Weekend		choppy
24 Aug 2020	Midweek		
25 Aug 2020	Midweek		
26 Aug 2020	Midweek	calm/rippled	
27 Aug 2020	Midweek		
28 Aug 2020	Midweek	choppy	
29 Aug 2020	Weekend		
30 Aug 2020	Weekend	choppy	
31 Aug 2020	Midweek		choppy
01 Sep 2020	Midweek	calm/rippled	
02 Sep 2020	Midweek	calm/rippled	choppy
03 Sep 2020	Midweek		calm/rippled