FISHERIES AND OCEANS CANADA

South Coast Assessment Bulletin

CREEL SURVEY DATA REVIEW PACKAGE

## Area 15 September 2019



Prepared By: South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



Fisheries and Oceans Canada Pêches et Océans Canada



		Big Rock Boat Rental	Comox Mun	French Ck	Kitty Co	oleman	Lur	ıd	Pacific Play	Westv	iew
Date	Day Type	PM	AM	PM	AM	PM	AM	PM	PM	AM	PM
29 Aug 2019	Midweek										
30 Aug 2019	Midweek										
31 Aug 2019	Weekend						4				
01 Sep 2019	Weekend		1	1							
02 Sep 2019	Weekend				1				1		
03 Sep 2019	Midweek									11	
04 Sep 2019	Midweek							2			
05 Sep 2019	Midweek										
06 Sep 2019	Midweek										
07 Sep 2019	Weekend					1	2				
08 Sep 2019	Weekend	1									
09 Sep 2019	Midweek						3				
10 Sep 2019	Midweek										
11 Sep 2019	Midweek										1
12 Sep 2019	Midweek										
13 Sep 2019	Midweek										
14 Sep 2019	Weekend										
15 Sep 2019	Weekend							1			
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 1: Numbers of Interviews conducted contributing to the area by day and access site.

Date	Day	Average Fishing Conditions	Interviews & Log Trips	Chinook	Coho	Sockeye	Halibut	Observed Fishing	Flight Time	Expanded Fishing
29-Aug-2019	Thursday		0					27	1034	70
30-Aug-2019	Friday		1	1						
31-Aug-2019	Saturday	calm/rippled	4	3	1					
01-Sep-2019	Sunday	calm/rippled	2	5				39	1219	121
02-Sep-2019	Monday (Labour	calm/rippled	2							
<u> </u>	Day)									
03-Sep-2019	Tuesday	choppy	11	4	3					
04-Sep-2019	Wednesday	calm/rippled	2							
05-Sep-2019	Thursday		0					31	1207	92
06-Sep-2019	Friday		0							
07-Sep-2019	Saturday	calm/rippled	3	4	1					
08-Sep-2019	Sunday	calm/rippled	1					12	1210	36
09-Sep-2019	Monday	calm/rippled	3							
10-Sep-2019	Tuesday		0							
11-Sep-2019	Wednesday	choppy	1		1					
12-Sep-2019	Thursday		0					0	1207	0
13-Sep-2019	Friday		1	1						
14-Sep-2019	Saturday		0							
15-Sep-2019	Sunday	choppy	1							
16-Sep-2019	Monday		0							
17-Sep-2019	Tuesday		0							
18-Sep-2019	Wednesday		0							
19-Sep-2019	Thursday		0							
20-Sep-2019	Friday		0							
21-Sep-2019	Saturday		0					2	1210	6
22-Sep-2019	Sunday		0							
23-Sep-2019	Monday		0					0	1212	0
24-Sep-2019	Tuesday		0							
25-Sep-2019	Wednesday		0							
26-Sep-2019	Thursday		0							
27-Sep-2019	Friday		0					1	1218	3
28-Sep-2019	Saturday		0							
29-Sep-2019	Sunday		0					15	1217	47
30-Sep-2019	Monday		0							
01-Oct-2019	Tuesday		0							
02-Oct-2019	Wednesday		0							
03-Oct-2019	Thursday		0							
	Totals	choppy	18	5	4			8*		24*
	Totals	calm/rippled	9	9	1			17*		53*

## Table 2: Daily tally of interviews, catch and effort.

\* Average number of boats Observed and Expanded

				CPUE			Retained				
Day Type	Average	Number of	Total	Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut
	Expanded	Days	Estimated								
	Boats		Effort								
Midweek	24	20	480	0.2780	0.2220			133	107		
Weekend	53	10	530	1	0.1110			530	59		

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

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	September	708	177	69	19	
2015	September	911	404	1901		
2016	September	1520	838	137		
2017	September	701	157	66		
2018	September	582	41			
2019	September	1255	736	144		0
5-Yr Avg	September	884	323	543	19	

Table 5: Sport Head Recovery Review.

Species		Creel Mark Rate	Creel Submission Rate	iRec Marked Catch	Mark	iRec Submission Rate	Sport Head Recoveries
Chinook	74	29%	9%	77	32%	9%	7

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	27	0%
iRec Anglers	1352	9%
iRec Responses	24	17%

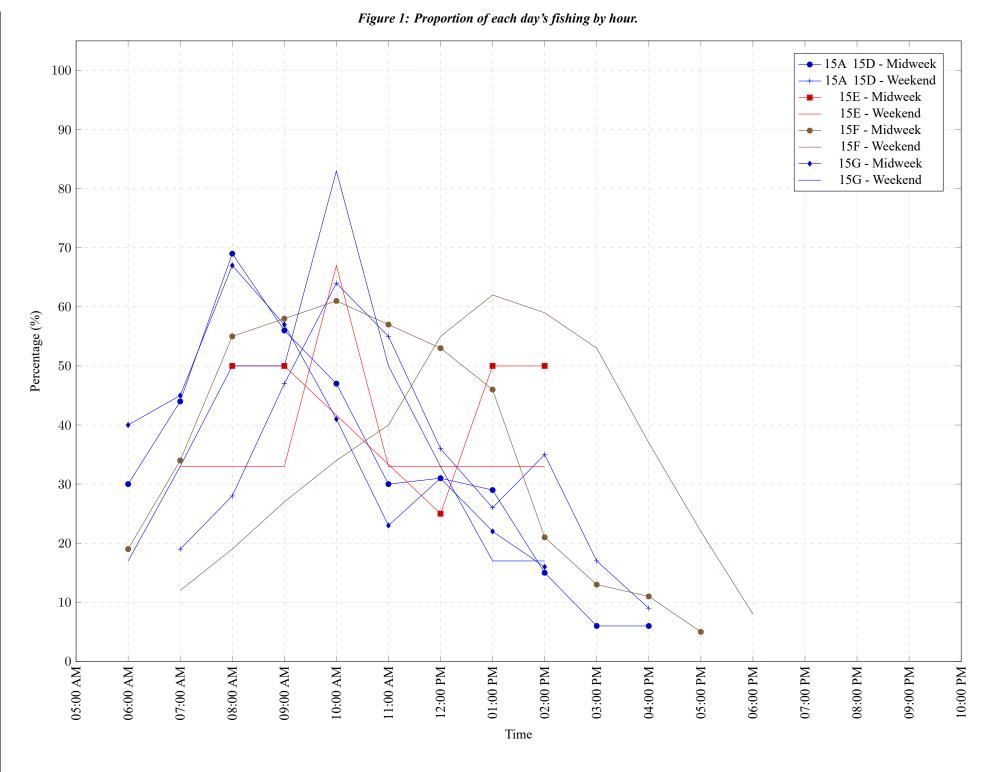


 Table 7: Proportion of each day's fishing by hour.

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
15A 15D	Midweek	30%	44%	69%	56%	47%	30%	31%	29%	15%	6%	6%	0%	0%	0%	0%	0%	0%
15A 15D	Weekend	0%	19%	28%	47%	4770 64%	55%	36%	2970	35%	17%	9%	0%	0%	0%	0%	0%	0%
15E	Midweek	0%	0%	50%	50%	0%	0%	25%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%
15E	Weekend	0%	33%	33%	33%	67%	33%	0%	0%	33%	0%	0%	0%	0%	0%	0%	0%	0%
15F	Midweek	19%	34%	55%	58%	61%	57%	53%	46%	21%	13%	11%	5%	0%	0%	0%	0%	0%
15F	Weekend	0%	12%	19%	27%	34%	40%	55%	62%	59%	53%	37%	22%	8%	0%	0%	0%	0%
15G	Midweek	40%	45%	67%	57%	41%	23%	31%	22%	16%	0%	0%	0%	0%	0%	0%	0%	0%
15G	Weekend	17%	33%	50%	50%	83%	50%	33%	17%	17%	0%	0%	0%	0%	0%	0%	0%	0%

 $\boldsymbol{v}$ 

Table 8	: Daily	Fishing	Conditions.
---------	---------	---------	-------------

Date	Day Type	Big Rock Boat Rental	Comox Mun	French Ck	Kitty Coleman	Lund	Pacific Play	Westview
29 Aug 2019	Midweek							
30 Aug 2019	Midweek							
31 Aug 2019	Weekend					calm/rippled		
01 Sep 2019	Weekend		calm/rippled	calm/rippled				
02 Sep 2019	Weekend				calm/rippled		calm/rippled	
03 Sep 2019	Midweek							choppy
04 Sep 2019	Midweek					calm/rippled		
05 Sep 2019	Midweek							
06 Sep 2019	Midweek							
07 Sep 2019	Weekend				calm/rippled	calm/rippled		
08 Sep 2019	Weekend	calm/rippled						
09 Sep 2019	Midweek					calm/rippled		
10 Sep 2019	Midweek							
11 Sep 2019	Midweek							choppy
12 Sep 2019	Midweek							
13 Sep 2019	Midweek							
14 Sep 2019	Weekend							
15 Sep 2019	Weekend					choppy		
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							