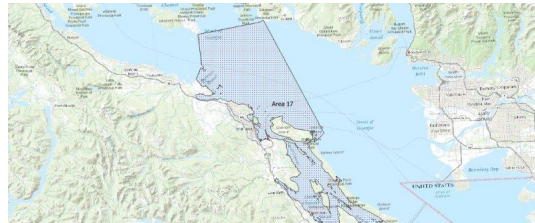


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 17 June 2021



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 5th February, 2022



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

		Brechin		Cowichan Bay	Crofton Ramp		French Ck	Ladysmith		McDonald Beach		Schooner		Thunderbird Marina
Date	Day Type	AM	PM	PM	AM	PM	PM	AM	PM	AM	PM	AM	PM	AM
29 May 2021	Weekend				1				12					
30 May 2021	Weekend		21											2
31 May 2021	Midweek								1					
01 Jun 2021	Midweek		11											
02 Jun 2021	Midweek													
03 Jun 2021	Midweek													
04 Jun 2021	Midweek													
05 Jun 2021	Weekend													
06 Jun 2021	Weekend	2												
07 Jun 2021	Midweek													
08 Jun 2021	Midweek													
09 Jun 2021	Midweek		1											
10 Jun 2021	Midweek		3											
11 Jun 2021	Midweek													
12 Jun 2021	Weekend													
13 Jun 2021	Weekend					3					1			
14 Jun 2021	Midweek						1							
15 Jun 2021	Midweek												1	
16 Jun 2021	Midweek													
17 Jun 2021	Midweek													
18 Jun 2021	Midweek												7	
19 Jun 2021	Weekend		11							1				
20 Jun 2021	Weekend			2									8	
21 Jun 2021	Midweek	4							3					
22 Jun 2021	Midweek								1					
23 Jun 2021	Midweek													
24 Jun 2021	Midweek	1												
25 Jun 2021	Midweek					2								
26 Jun 2021	Weekend		26											
27 Jun 2021	Weekend													
28 Jun 2021	Midweek													
29 Jun 2021	Midweek								2					
30 Jun 2021	Midweek													
01 Jul 2021	Weekend							1						
02 Jul 2021	Midweek											5		
03 Jul 2021	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
29-May-2021	Saturday	choppy	13							
30-May-2021	Sunday	calm/rippled	23							
31-May-2021	Monday	choppy	1							
01-Jun-2021	Tuesday	choppy	12					15	1237	48
02-Jun-2021	Wednesday		1							
03-Jun-2021	Thursday		1							
04-Jun-2021	Friday		0							
05-Jun-2021	Saturday		0					22	1232	53
06-Jun-2021	Sunday	choppy	2							
07-Jun-2021	Monday		0							
08-Jun-2021	Tuesday		0					14	1235	45
09-Jun-2021	Wednesday	choppy	1							
10-Jun-2021	Thursday	calm/rippled	3							
11-Jun-2021	Friday		1							
12-Jun-2021	Saturday		1							
13-Jun-2021	Sunday	calm/rippled	5					15	1237	35
14-Jun-2021	Monday	calm/rippled	1							
15-Jun-2021	Tuesday	choppy	3							
16-Jun-2021	Wednesday		4					26	1245	84
17-Jun-2021	Thursday		0							
18-Jun-2021	Friday	choppy	7					4	1249	13
19-Jun-2021	Saturday	choppy	13					44	1254	103
20-Jun-2021	Sunday	choppy	10							
21-Jun-2021	Monday	choppy	7							
22-Jun-2021	Tuesday	choppy	2							
23-Jun-2021	Wednesday		3					20	1234	64
24-Jun-2021	Thursday	frequent whitecaps	1							
25-Jun-2021	Friday	calm/rippled	2							
26-Jun-2021	Saturday	calm/rippled	29					51	1251	124
27-Jun-2021	Sunday		5							
28-Jun-2021	Monday		0							
29-Jun-2021	Tuesday	choppy	3		1					
30-Jun-2021	Wednesday		0							
01-Jul-2021	Thursday (Canada Day)	choppy	2							
02-Jul-2021	Friday	choppy	5					10	1111	42
03-Jul-2021	Saturday		0					9	1109	36
	Totals	choppy	52		1			16*		51*
	Totals	choppy	65					33*		79*

* 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	51	22	1122		0.019				21		
Weekend	79	8	632								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	June	1496	627	204		
2017	June	2044	457	31		
2018	June	1411	827	516		
2019	June	1267	16	246		0
2020	June	1310		65		
2021	June	1656	0	1		0
5-Yr Avg	June	1506	482	212		0

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	1	100%	100%	26	100%	4%	1
Chinook	0	0%			%		2

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	114	3%
iRec Anglers	1474	18%

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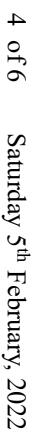


Table 7: Proportion of each day's fishing by hour.

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
17E	Midweek	4%	7%	11%	7%	14%	18%	26%	30%	34%	46%	52%	62%	38%	29%	7%	0%	0%
17E	Weekend	0%	7%	11%	19%	17%	23%	39%	56%	67%	70%	56%	42%	27%	16%	3%	0%	0%
17F	Midweek	4%	4%	8%	4%	10%	14%	22%	26%	31%	32%	48%	60%	39%	23%	4%	0%	0%
17F	Weekend	0%	7%	11%	16%	14%	18%	34%	51%	62%	66%	50%	38%	35%	27%	3%	0%	0%
17H 17L	Midweek	2%	3%	10%	16%	29%	26%	30%	32%	29%	29%	41%	38%	27%	14%	3%	0%	0%
17H 17L	Weekend	0%	6%	11%	17%	16%	16%	32%	48%	57%	57%	47%	35%	33%	26%	3%	0%	0%
17I	Midweek	9%	14%	21%	19%	29%	34%	43%	46%	39%	49%	42%	48%	27%	19%	6%	0%	0%
17I	Weekend	0%	13%	20%	31%	31%	41%	53%	59%	61%	57%	48%	43%	25%	12%	4%	0%	0%
17J 17K	Midweek	4%	7%	12%	8%	23%	28%	33%	29%	37%	50%	48%	59%	41%	23%	7%	0%	0%
17J 17K	Weekend	2%	18%	22%	27%	33%	34%	48%	57%	58%	45%	35%	33%	22%	12%	4%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Brechin	Cowichan Bay	Crofton Ramp	French Ck	Ladysmith	McDonald Beach	Schooner	Thunderbird Marina
29 May 2021	Weekend			calm/rippled		choppy			
30 May 2021	Weekend	calm/rippled							calm/rippled
31 May 2021	Midweek					choppy			
01 Jun 2021	Midweek	choppy							
02 Jun 2021	Midweek								
03 Jun 2021	Midweek								
04 Jun 2021	Midweek								
05 Jun 2021	Weekend								
06 Jun 2021	Weekend	choppy							
07 Jun 2021	Midweek								
08 Jun 2021	Midweek								
09 Jun 2021	Midweek	choppy							
10 Jun 2021	Midweek	calm/rippled							
11 Jun 2021	Midweek								
12 Jun 2021	Weekend								
13 Jun 2021	Weekend			calm/rippled			calm/rippled		
14 Jun 2021	Midweek				calm/rippled				
15 Jun 2021	Midweek							choppy	
16 Jun 2021	Midweek								
17 Jun 2021	Midweek								
18 Jun 2021	Midweek							choppy	
19 Jun 2021	Weekend	choppy					calm/rippled		
20 Jun 2021	Weekend		choppy					choppy	
21 Jun 2021	Midweek	frequent whitecaps				choppy			
22 Jun 2021	Midweek					choppy			
23 Jun 2021	Midweek								
24 Jun 2021	Midweek	frequent whitecaps							
25 Jun 2021	Midweek			calm/rippled					
26 Jun 2021	Weekend	calm/rippled							
27 Jun 2021	Weekend								
28 Jun 2021	Midweek								
29 Jun 2021	Midweek					choppy			
30 Jun 2021	Midweek								
01 Jul 2021	Weekend					choppy			
02 Jul 2021	Midweek							choppy	
03 Jul 2021	Weekend								