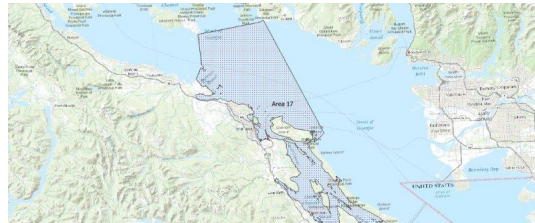


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 17 October 2022



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

Date	Day Type	Brechin PM	Crofton Ramp PM	Lady- smith PM	Schooner AM
28 Sep 2022	Midweek	3			
29 Sep 2022	Midweek			2	2
30 Sep 2022	Midweek		11		
01 Oct 2022	Weekend				
02 Oct 2022	Weekend				
03 Oct 2022	Midweek				
04 Oct 2022	Midweek				
05 Oct 2022	Midweek				
06 Oct 2022	Midweek				
07 Oct 2022	Midweek				
08 Oct 2022	Weekend				
09 Oct 2022	Weekend				
10 Oct 2022	Weekend				
11 Oct 2022	Midweek				
12 Oct 2022	Midweek				
13 Oct 2022	Midweek				
14 Oct 2022	Midweek				
15 Oct 2022	Weekend				
16 Oct 2022	Weekend				
17 Oct 2022	Midweek				
18 Oct 2022	Midweek				
19 Oct 2022	Midweek				
20 Oct 2022	Midweek				
21 Oct 2022	Midweek				
22 Oct 2022	Weekend				
23 Oct 2022	Weekend				
24 Oct 2022	Midweek				
25 Oct 2022	Midweek				
26 Oct 2022	Midweek				
27 Oct 2022	Midweek				
28 Oct 2022	Midweek				
29 Oct 2022	Weekend				
30 Oct 2022	Weekend				
31 Oct 2022	Midweek				
01 Nov 2022	Midweek				
02 Nov 2022	Midweek				
03 Nov 2022	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
28-Sep-2022	Wednesday	choppy	3	1	2					
29-Sep-2022	Thursday	choppy	6							
30-Sep-2022	Friday	calm/rippled	11							
01-Oct-2022	Saturday		0							
02-Oct-2022	Sunday		0							
03-Oct-2022	Monday		2							
04-Oct-2022	Tuesday		0							
05-Oct-2022	Wednesday		0							
06-Oct-2022	Thursday		0							
07-Oct-2022	Friday		2	2						
08-Oct-2022	Saturday		0							
09-Oct-2022	Sunday		0							
10-Oct-2022	Monday (Thanksgiving)		0							
11-Oct-2022	Tuesday		0							
12-Oct-2022	Wednesday		0							
13-Oct-2022	Thursday		0							
14-Oct-2022	Friday		0					4	1157	
15-Oct-2022	Saturday		0							
16-Oct-2022	Sunday		0					54	1211	
17-Oct-2022	Monday		0					8	1202	
18-Oct-2022	Tuesday		0							
19-Oct-2022	Wednesday		0							
20-Oct-2022	Thursday		0							
21-Oct-2022	Friday		0							
22-Oct-2022	Saturday		0					2	1210	
23-Oct-2022	Sunday		0							
24-Oct-2022	Monday		0							
25-Oct-2022	Tuesday		0							
26-Oct-2022	Wednesday		0					7	1158	
27-Oct-2022	Thursday		0							
28-Oct-2022	Friday		0							
29-Oct-2022	Saturday		0							
30-Oct-2022	Sunday		0					0	1124	
31-Oct-2022	Monday		0							
01-Nov-2022	Tuesday		0							
02-Nov-2022	Wednesday		0							
03-Nov-2022	Thursday		0							
	Totals		4	2				6*		*
	Totals							19*		*

* 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		11									
Midweek		20		0.5							

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
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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
Chinook		%		34	30%	29%	10

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	692	14%

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	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM

Table 8: Daily Fishing Conditions.

Date	Day Type	Brechin	Crofton Ramp	Ladysmith	Schooner
28 Sep 2022	Midweek	choppy			
29 Sep 2022	Midweek			choppy	choppy
30 Sep 2022	Midweek		calm/rippled		
01 Oct 2022	Weekend				
02 Oct 2022	Weekend				
03 Oct 2022	Midweek				
04 Oct 2022	Midweek				
05 Oct 2022	Midweek				
06 Oct 2022	Midweek				
07 Oct 2022	Midweek				
08 Oct 2022	Weekend				
09 Oct 2022	Weekend				
10 Oct 2022	Weekend				
11 Oct 2022	Midweek				
12 Oct 2022	Midweek				
13 Oct 2022	Midweek				
14 Oct 2022	Midweek				
15 Oct 2022	Weekend				
16 Oct 2022	Weekend				
17 Oct 2022	Midweek				
18 Oct 2022	Midweek				
19 Oct 2022	Midweek				
20 Oct 2022	Midweek				
21 Oct 2022	Midweek				
22 Oct 2022	Weekend				
23 Oct 2022	Weekend				
24 Oct 2022	Midweek				
25 Oct 2022	Midweek				
26 Oct 2022	Midweek				
27 Oct 2022	Midweek				
28 Oct 2022	Midweek				
29 Oct 2022	Weekend				
30 Oct 2022	Weekend				
31 Oct 2022	Midweek				
01 Nov 2022	Midweek				
02 Nov 2022	Midweek				
03 Nov 2022	Midweek				