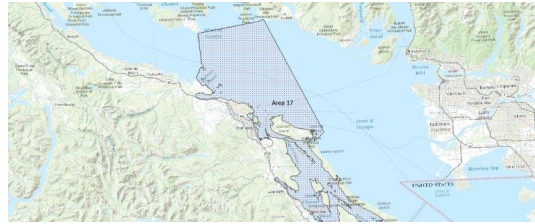


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 17 August 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 10th October, 2024



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		Cowichan Bay	Crofton Ramp		French Ck	Gibson's Marina	Ladysmith		McDonald Beach		Schooner		Sewell's East	
		AM	PM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
29 Jul 2024	Midweek															
30 Jul 2024	Midweek															
31 Jul 2024	Midweek				6					3						
01 Aug 2024	Midweek	3														
02 Aug 2024	Midweek				4											
03 Aug 2024	Weekend						1									
04 Aug 2024	Weekend															2
05 Aug 2024	Weekend									20						
06 Aug 2024	Midweek															
07 Aug 2024	Midweek					10										
08 Aug 2024	Midweek				4											
09 Aug 2024	Midweek												2			
10 Aug 2024	Weekend	23												8		
11 Aug 2024	Weekend		33							15						
12 Aug 2024	Midweek		10													
13 Aug 2024	Midweek									3						
14 Aug 2024	Midweek			1							2		3			1
15 Aug 2024	Midweek														1	
16 Aug 2024	Midweek															
17 Aug 2024	Weekend															
18 Aug 2024	Weekend		12													
19 Aug 2024	Midweek	16														
20 Aug 2024	Midweek															
21 Aug 2024	Midweek		5													
22 Aug 2024	Midweek									2						
23 Aug 2024	Midweek										2					
24 Aug 2024	Weekend				1									18		
25 Aug 2024	Weekend										6		8			
26 Aug 2024	Midweek															
27 Aug 2024	Midweek									2						
28 Aug 2024	Midweek												1			
29 Aug 2024	Midweek													5		
30 Aug 2024	Midweek					7										
31 Aug 2024	Weekend					11		1								
01 Sep 2024	Weekend				11											
02 Sep 2024	Weekend								4		1					
03 Sep 2024	Midweek													7		

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-2024	Monday		0							
30-Jul-2024	Tuesday	choppy	3							
31-Jul-2024	Wednesday	calm/rippled	6		6					
01-Aug-2024	Thursday	frequent whitecaps	3	1						
02-Aug-2024	Friday	calm/rippled	4	1	5			87	1151	207
03-Aug-2024	Saturday	choppy	1					193	1159	512
04-Aug-2024	Sunday	calm/rippled	2	5	2					
05-Aug-2024	Monday (B.C. Day)	choppy	20		4					
06-Aug-2024	Tuesday		0							
07-Aug-2024	Wednesday	choppy	10	4	2			59	1117	142
08-Aug-2024	Thursday	choppy	4	1						
09-Aug-2024	Friday	choppy	2	2	3					
10-Aug-2024	Saturday	frequent whitecaps	32	18	18					
11-Aug-2024	Sunday	choppy	48	7	20			101	1247	274
12-Aug-2024	Monday	frequent whitecaps	10	3	3					
13-Aug-2024	Tuesday	choppy	3		2					
14-Aug-2024	Wednesday	choppy	7	5	6					
15-Aug-2024	Thursday	calm/rippled	2							
16-Aug-2024	Friday		0					55	1155	132
17-Aug-2024	Saturday		0							
18-Aug-2024	Sunday	choppy	12	7	8					
19-Aug-2024	Monday	choppy	16	6	17			49	1149	118
20-Aug-2024	Tuesday		0							
21-Aug-2024	Wednesday	calm/rippled	5	4	6					
22-Aug-2024	Thursday	calm/rippled	2							
23-Aug-2024	Friday	choppy	2	3	2					
24-Aug-2024	Saturday	frequent whitecaps	19	5	13			87	1148	229
25-Aug-2024	Sunday	choppy	14	3	15			86	1146	229
26-Aug-2024	Monday		0							
27-Aug-2024	Tuesday	choppy	2							
28-Aug-2024	Wednesday	choppy	1		1			39	1145	94
29-Aug-2024	Thursday	choppy	5							
30-Aug-2024	Friday	calm/rippled	7		4					
31-Aug-2024	Saturday	choppy	12	2	1			29	1209	77
01-Sep-2024	Sunday	calm/rippled	11	3	3					
02-Sep-2024	Monday (Labour Day)	choppy	5		1			89	1158	235
03-Sep-2024	Tuesday	calm/rippled	7		4					
	Totals	choppy	85	30	51			58*		139*
	Totals	choppy	160	47	81			99*		264*

* 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	264	10	2640	0.294	0.506			776	1336		
Midweek	139	21	2919	0.353	0.6			1030	1751		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	3261	735	380		0
2020	August	3428	538	648		0
2021	August	2281	735	176		0
2022	August	4026	1444	212		0
2023	August	3751	1538	2561		0
2024	August	5248	2135	3275		0
5-Yr Avg	August	3349	998	795		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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	243	2%

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

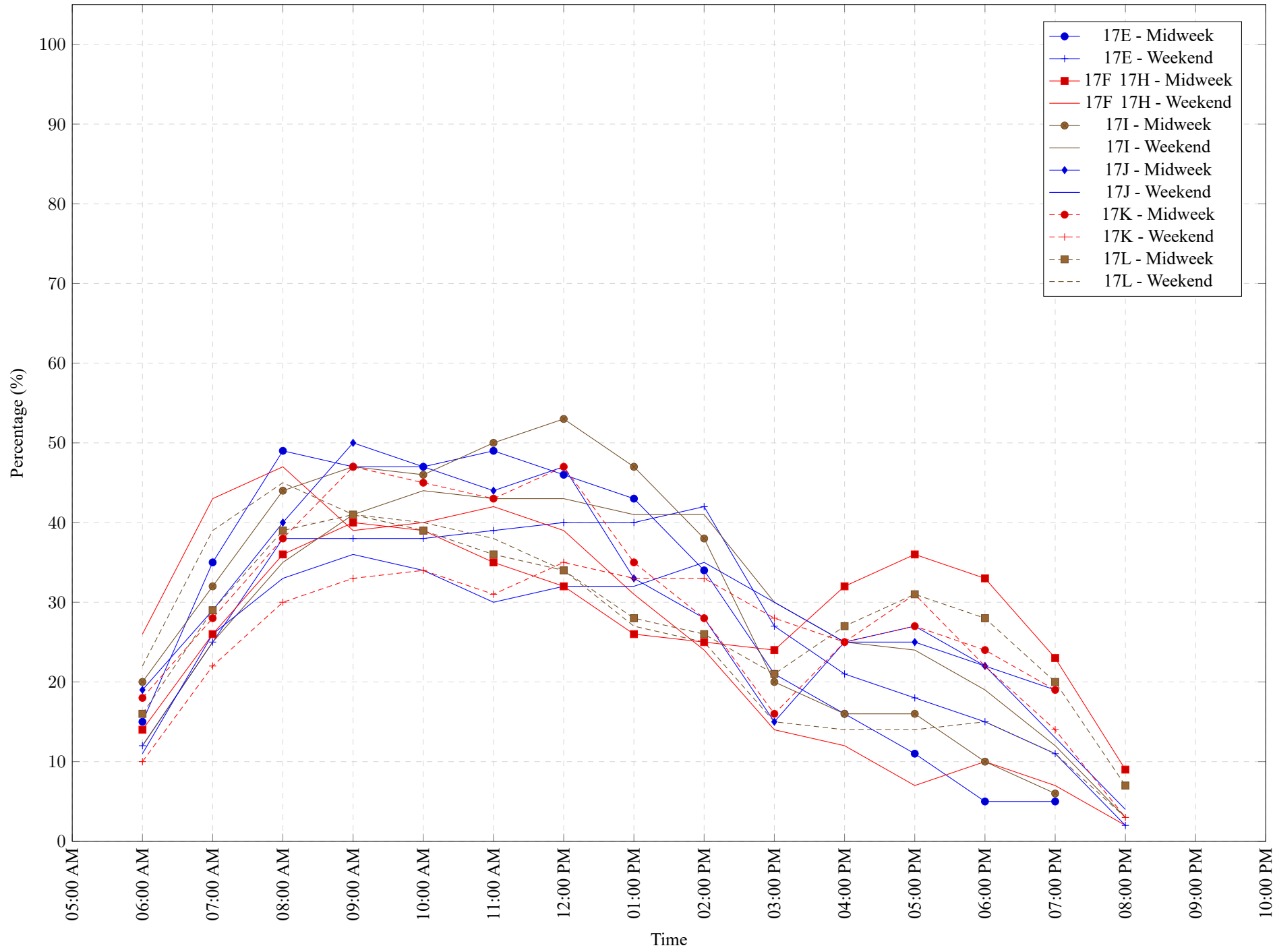


Table 7: Proportion of each day's fishing by hour.

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
17E	Midweek	15%	35%	49%	47%	47%	49%	46%	43%	34%	21%	16%	11%	5%	5%	0%	0%	0%
17E	Weekend	12%	25%	38%	38%	38%	39%	40%	40%	42%	27%	21%	18%	15%	11%	2%	0%	0%
17F 17H	Midweek	14%	26%	36%	40%	39%	35%	32%	26%	25%	24%	32%	36%	33%	23%	9%	0%	0%
17F 17H	Weekend	26%	43%	47%	39%	40%	42%	39%	31%	24%	14%	12%	7%	10%	7%	2%	0%	0%
17I	Midweek	20%	32%	44%	47%	46%	50%	53%	47%	38%	20%	16%	16%	10%	6%	0%	0%	0%
17I	Weekend	12%	25%	35%	41%	44%	43%	43%	41%	41%	30%	25%	24%	19%	12%	3%	0%	0%
17J	Midweek	19%	29%	40%	50%	47%	44%	47%	33%	28%	15%	25%	25%	22%	19%	0%	0%	0%
17J	Weekend	11%	26%	33%	36%	34%	30%	32%	32%	35%	30%	25%	27%	22%	13%	4%	0%	0%
17K	Midweek	18%	28%	38%	47%	45%	43%	47%	35%	28%	16%	25%	27%	24%	19%	0%	0%	0%
17K	Weekend	10%	22%	30%	33%	34%	31%	35%	33%	33%	28%	25%	31%	22%	14%	3%	0%	0%
17L	Midweek	16%	29%	39%	41%	39%	36%	34%	28%	26%	21%	27%	31%	28%	20%	7%	0%	0%
17L	Weekend	22%	39%	45%	41%	40%	38%	34%	27%	25%	15%	14%	14%	15%	11%	3%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Brechin	Cowichan Bay	Crofton Ramp	French Ck	Gibson's Marina	Ladysmith	McDonald Beach	Schooner	Sewell's East
29 Jul 2024	Midweek	frequent whitecaps		calm/rippled			choppy			
30 Jul 2024	Midweek									
31 Jul 2024	Midweek									
01 Aug 2024	Midweek									
02 Aug 2024	Midweek	frequent whitecaps		calm/rippled						
03 Aug 2024	Weekend									
04 Aug 2024	Weekend									
05 Aug 2024	Weekend									
06 Aug 2024	Midweek	frequent whitecaps			choppy					calm/rippled
07 Aug 2024	Midweek									
08 Aug 2024	Midweek									
09 Aug 2024	Midweek									
10 Aug 2024	Weekend	frequent whitecaps	calm/rippled				choppy		choppy	
11 Aug 2024	Weekend									
12 Aug 2024	Midweek									
13 Aug 2024	Midweek									
14 Aug 2024	Midweek		choppy					calm/rippled	choppy	calm/rippled
15 Aug 2024	Midweek									
16 Aug 2024	Midweek									
17 Aug 2024	Weekend									
18 Aug 2024	Weekend	choppy								
19 Aug 2024	Midweek									
20 Aug 2024	Midweek									
21 Aug 2024	Midweek									
22 Aug 2024	Midweek	calm/rippled					calm/rippled			
23 Aug 2024	Midweek									
24 Aug 2024	Weekend									
25 Aug 2024	Weekend									
26 Aug 2024	Midweek						choppy			
27 Aug 2024	Midweek									
28 Aug 2024	Midweek									
29 Aug 2024	Midweek									
30 Aug 2024	Midweek			calm/rippled						
31 Aug 2024	Weekend									
01 Sep 2024	Weekend									
02 Sep 2024	Weekend									
03 Sep 2024	Midweek									