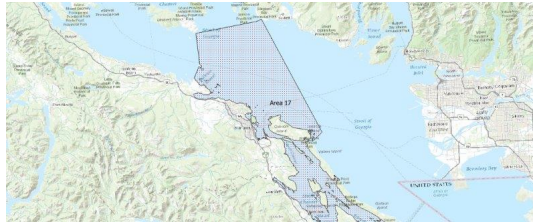


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 17 September 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 7th November, 2024



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

		Brechin		Cooper's Green	Crofton Ramp		Gibson's Marina	Ladysmith		McDon- ald Beach	Pender Harbour Resort	Planetar- ium	Schooner		Sewell's East	Sidney (Tulista Park Ramp) PM
Date	Day Type	AM	PM	AM	AM	PM	PM	AM	PM	PM	PM	PM	AM	PM	PM	PM
29 Aug 2024	Midweek															
30 Aug 2024	Midweek					7								5		
31 Aug 2024	Weekend					12	1									
01 Sep 2024	Weekend				11											
02 Sep 2024	Weekend							4		1						
03 Sep 2024	Midweek													7		
04 Sep 2024	Midweek				2											
05 Sep 2024	Midweek	6														
06 Sep 2024	Midweek					3										
07 Sep 2024	Weekend								6							
08 Sep 2024	Weekend					18										
09 Sep 2024	Midweek	5						1								
10 Sep 2024	Midweek		13													
11 Sep 2024	Midweek			1		4										
12 Sep 2024	Midweek															
13 Sep 2024	Midweek								1							
14 Sep 2024	Weekend												3			
15 Sep 2024	Weekend		3													
16 Sep 2024	Midweek															
17 Sep 2024	Midweek							2								
18 Sep 2024	Midweek															
19 Sep 2024	Midweek															
20 Sep 2024	Midweek		15													
21 Sep 2024	Weekend												7			
22 Sep 2024	Weekend											1				1
23 Sep 2024	Midweek															
24 Sep 2024	Midweek														1	
25 Sep 2024	Midweek															
26 Sep 2024	Midweek				2											
27 Sep 2024	Midweek													2		
28 Sep 2024	Weekend															
29 Sep 2024	Weekend													2		
30 Sep 2024	Midweek										1					
01 Oct 2024	Midweek															
02 Oct 2024	Midweek															
03 Oct 2024	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
29-Aug-2024	Thursday	choppy	5							
30-Aug-2024	Friday	calm/rippled	7		4					
31-Aug-2024	Saturday	choppy	13	3	1			29	1209	59
01-Sep-2024	Sunday	calm/rippled	11	3	3					
02-Sep-2024	Monday (Labour Day)	choppy	5		1			89	1158	164
03-Sep-2024	Tuesday	calm/rippled	7		4					
04-Sep-2024	Wednesday	calm/rippled	2		1			21	1149	54
05-Sep-2024	Thursday	choppy	6	1	6					
06-Sep-2024	Friday	calm/rippled	3		1					
07-Sep-2024	Saturday	choppy	6		1					
08-Sep-2024	Sunday	calm/rippled	18	4	4			96	1151	176
09-Sep-2024	Monday	frequent whitecaps	6	1						
10-Sep-2024	Tuesday	frequent whitecaps	13	6	4					
11-Sep-2024	Wednesday	choppy	5	1						
12-Sep-2024	Thursday		0							
13-Sep-2024	Friday	calm/rippled	1					13	1150	32
14-Sep-2024	Saturday	calm/rippled	3	1	2			67	1154	123
15-Sep-2024	Sunday	frequent whitecaps	3							
16-Sep-2024	Monday		0					4	1150	11
17-Sep-2024	Tuesday	calm/rippled	2							
18-Sep-2024	Wednesday		0							
19-Sep-2024	Thursday		0							
20-Sep-2024	Friday	calm/rippled	15	5	7					
21-Sep-2024	Saturday	calm/rippled	7		4					
22-Sep-2024	Sunday	choppy	2					14	1143	25
23-Sep-2024	Monday		0							
24-Sep-2024	Tuesday	calm/rippled	1		4			6	1208	15
25-Sep-2024	Wednesday		0							
26-Sep-2024	Thursday	choppy	2							
27-Sep-2024	Friday	calm/rippled	2							
28-Sep-2024	Saturday		0							
29-Sep-2024	Sunday	calm/rippled	2							
30-Sep-2024	Monday	calm/rippled	1							
01-Oct-2024	Tuesday		0							
02-Oct-2024	Wednesday		0							
03-Oct-2024	Thursday		0							
	Totals	choppy	66	14	27			11*		28*
	Totals	choppy	57	8	15			67*		122*

* 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	122	10	1220	0.14	0.263			171	321		
Midweek	28	20	560	0.212	0.409			119	229		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	September	1033	406	121		0
2020	September	1668	243	71		0
2021	September	1163	280	8		
2022	September	2135	564	150		0
2023	September	2121	462	740		0
2024	September	1877	205	698		0
5-Yr Avg	September	1624	391	218		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	123	0%
iRec Anglers	3505	14%

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

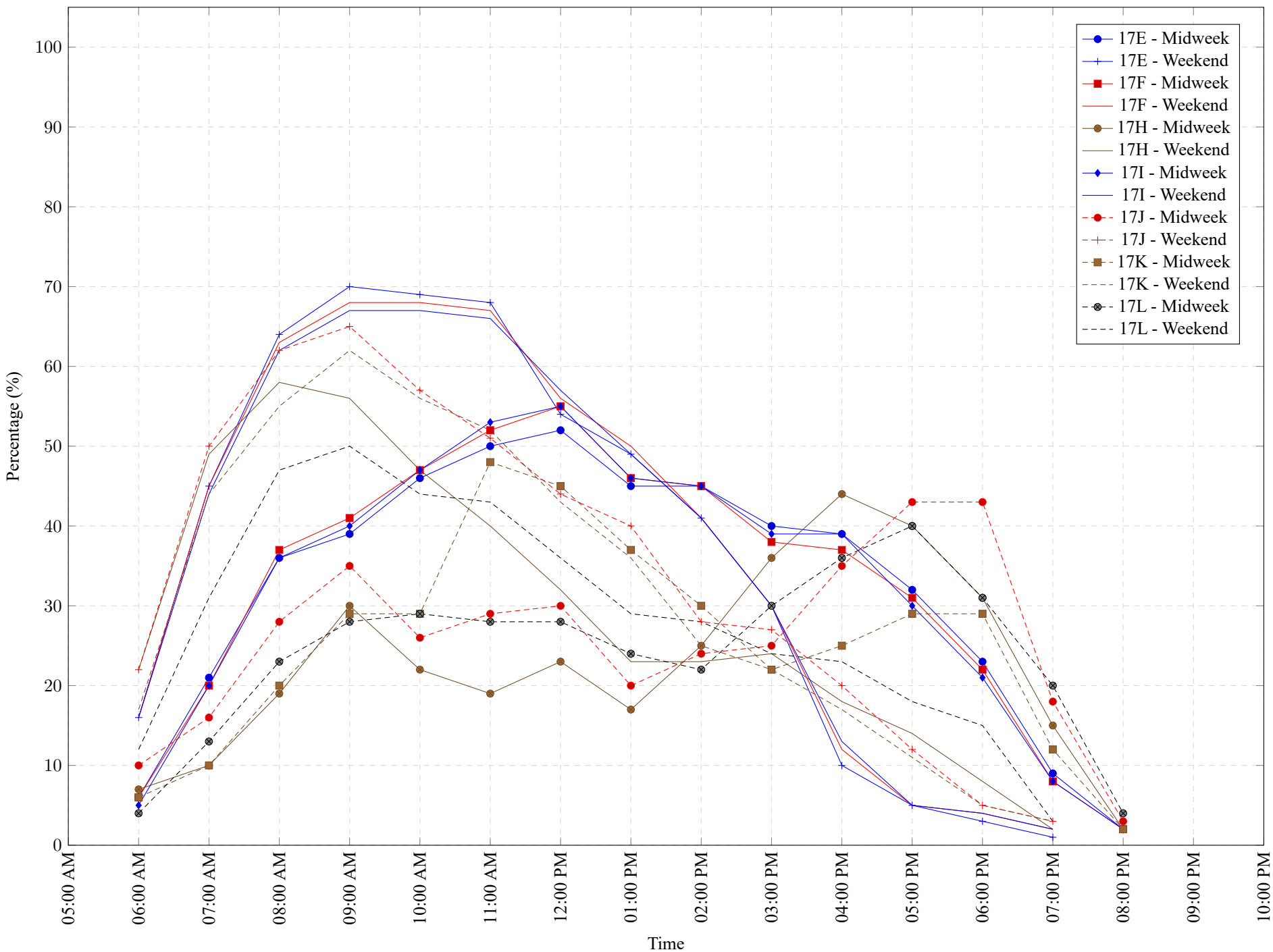


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00 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	6%	21%	36%	39%	46%	50%	52%	45%	45%	40%	39%	32%	23%	9%	2%	0%	0%
17E	Weekend	16%	45%	64%	70%	69%	68%	54%	49%	41%	30%	10%	5%	3%	1%	0%	0%	0%
17F	Midweek	6%	20%	37%	41%	47%	52%	55%	46%	45%	38%	37%	31%	22%	8%	2%	0%	0%
17F	Weekend	16%	45%	63%	68%	68%	67%	56%	50%	41%	30%	12%	5%	4%	2%	0%	0%	0%
17H	Midweek	7%	10%	19%	30%	22%	19%	23%	17%	25%	36%	44%	40%	31%	15%	2%	0%	0%
17H	Weekend	22%	49%	58%	56%	47%	40%	32%	23%	23%	24%	18%	14%	8%	2%	0%	0%	0%
17I	Midweek	5%	20%	36%	40%	47%	53%	55%	46%	45%	39%	39%	30%	21%	8%	2%	0%	0%
17I	Weekend	16%	44%	62%	67%	67%	66%	57%	49%	41%	30%	13%	5%	4%	2%	0%	0%	0%
17J	Midweek	10%	16%	28%	35%	26%	29%	30%	20%	24%	25%	35%	43%	43%	18%	3%	0%	0%
17J	Weekend	22%	50%	62%	65%	57%	51%	44%	40%	28%	27%	20%	12%	5%	3%	0%	0%	0%
17K	Midweek	6%	10%	20%	29%	29%	48%	45%	37%	30%	22%	25%	29%	29%	12%	2%	0%	0%
17K	Weekend	17%	44%	55%	62%	56%	52%	43%	36%	25%	22%	17%	11%	5%	3%	0%	0%	0%
17L	Midweek	4%	13%	23%	28%	29%	28%	28%	24%	22%	30%	36%	40%	31%	20%	4%	0%	0%
17L	Weekend	12%	31%	47%	50%	44%	43%	36%	29%	28%	24%	23%	18%	15%	3%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Brechin	Cooper's Green	Crofton Ramp	Gibson's Marina	Ladysmith	McDonald Beach	Pender Harbour Resort	Planetarium	Schooner	Sewell's East	Sidney (Tulista Park Ramp)
29 Aug 2024	Midweek									choppy		
30 Aug 2024	Midweek			calm/rippled								
31 Aug 2024	Weekend			choppy	calm/rippled							
01 Sep 2024	Weekend			calm/rippled								
02 Sep 2024	Weekend					choppy	calm/rippled					
03 Sep 2024	Midweek									calm/rippled		
04 Sep 2024	Midweek			calm/rippled								
05 Sep 2024	Midweek	choppy										
06 Sep 2024	Midweek			calm/rippled								
07 Sep 2024	Weekend					choppy						
08 Sep 2024	Weekend			calm/rippled								
09 Sep 2024	Midweek	large swells				choppy						
10 Sep 2024	Midweek	frequent whitecaps										
11 Sep 2024	Midweek		calm/rippled	choppy								
12 Sep 2024	Midweek											
13 Sep 2024	Midweek					calm/rippled						
14 Sep 2024	Weekend									calm/rippled		
15 Sep 2024	Weekend	frequent whitecaps										
16 Sep 2024	Midweek											
17 Sep 2024	Midweek					calm/rippled						
18 Sep 2024	Midweek											
19 Sep 2024	Midweek											
20 Sep 2024	Midweek	calm/rippled										
21 Sep 2024	Weekend									calm/rippled		
22 Sep 2024	Weekend								choppy			choppy
23 Sep 2024	Midweek											
24 Sep 2024	Midweek										calm/rippled	
25 Sep 2024	Midweek											
26 Sep 2024	Midweek			choppy								
27 Sep 2024	Midweek									calm/rippled		
28 Sep 2024	Weekend											
29 Sep 2024	Weekend									calm/rippled		
30 Sep 2024	Midweek							calm/rippled				
01 Oct 2024	Midweek											
02 Oct 2024	Midweek											
03 Oct 2024	Midweek											