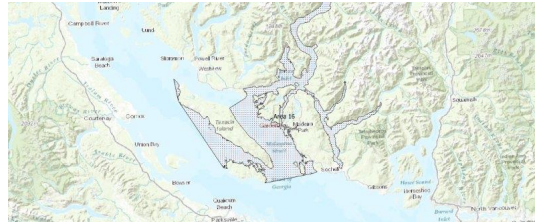


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 16 September 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 13th 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.

Date	Day Type	Bucaneer	Cooper's Green	Egmont	Pender Harbour Resort	Porpoise Bay		Saltery Bay	
		PM	AM	PM	PM	AM	PM	AM	PM
29 Aug 2024	Midweek								
30 Aug 2024	Midweek								
31 Aug 2024	Weekend							2	
01 Sep 2024	Weekend								
02 Sep 2024	Weekend								
03 Sep 2024	Midweek	1							1
04 Sep 2024	Midweek			1					
05 Sep 2024	Midweek								
06 Sep 2024	Midweek								
07 Sep 2024	Weekend								
08 Sep 2024	Weekend	3							3
09 Sep 2024	Midweek			2					
10 Sep 2024	Midweek								
11 Sep 2024	Midweek		1						
12 Sep 2024	Midweek								
13 Sep 2024	Midweek								
14 Sep 2024	Weekend								
15 Sep 2024	Weekend								
16 Sep 2024	Midweek					1			
17 Sep 2024	Midweek								
18 Sep 2024	Midweek								
19 Sep 2024	Midweek								
20 Sep 2024	Midweek								
21 Sep 2024	Weekend								
22 Sep 2024	Weekend								
23 Sep 2024	Midweek								
24 Sep 2024	Midweek								
25 Sep 2024	Midweek								
26 Sep 2024	Midweek								
27 Sep 2024	Midweek								
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		0							
30-Aug-2024	Friday		0							
31-Aug-2024	Saturday	calm/rippled	2	1						
01-Sep-2024	Sunday		0							
02-Sep-2024	Monday (Labour Day)		0					32	1130	101
03-Sep-2024	Tuesday	choppy	2							
04-Sep-2024	Wednesday	calm/rippled	1					6	1126	18
05-Sep-2024	Thursday		0							
06-Sep-2024	Friday		0							
07-Sep-2024	Saturday		0					12	1126	41
08-Sep-2024	Sunday	calm/rippled	6	2						
09-Sep-2024	Monday	calm/rippled	2							
10-Sep-2024	Tuesday		0							
11-Sep-2024	Wednesday	calm/rippled	1							
12-Sep-2024	Thursday		0							
13-Sep-2024	Friday		0					10	1127	29
14-Sep-2024	Saturday		0					6	1123	20
15-Sep-2024	Sunday		0							
16-Sep-2024	Monday	calm/rippled	1					8	1127	23
17-Sep-2024	Tuesday		0							
18-Sep-2024	Wednesday		0							
19-Sep-2024	Thursday		0							
20-Sep-2024	Friday		0							
21-Sep-2024	Saturday		0							
22-Sep-2024	Sunday		0					3	1123	8
23-Sep-2024	Monday		0					1	1050	3
24-Sep-2024	Tuesday		0							
25-Sep-2024	Wednesday		0							
26-Sep-2024	Thursday		0							
27-Sep-2024	Friday		0							
28-Sep-2024	Saturday		0							
29-Sep-2024	Sunday	choppy	2							
30-Sep-2024	Monday	calm/rippled	1							
01-Oct-2024	Tuesday		0							
02-Oct-2024	Wednesday		0							
03-Oct-2024	Thursday		0							
	Totals	calm/rippled	8					6*		18*
	Totals	choppy	8	2				13*		43*

* 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	18	20	360								
Weekend	43	10	430	0.25				108			

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	September	344	49	42		0
2020	September	1093	27			0
2021	September	1256	310	0		0
2022	September	539	20	4		0
2023	September	968	167	602		0
2024	September	754	237	159		0
5-Yr Avg	September	840	115	162		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

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	16	0%
iRec Anglers	2711	2%

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

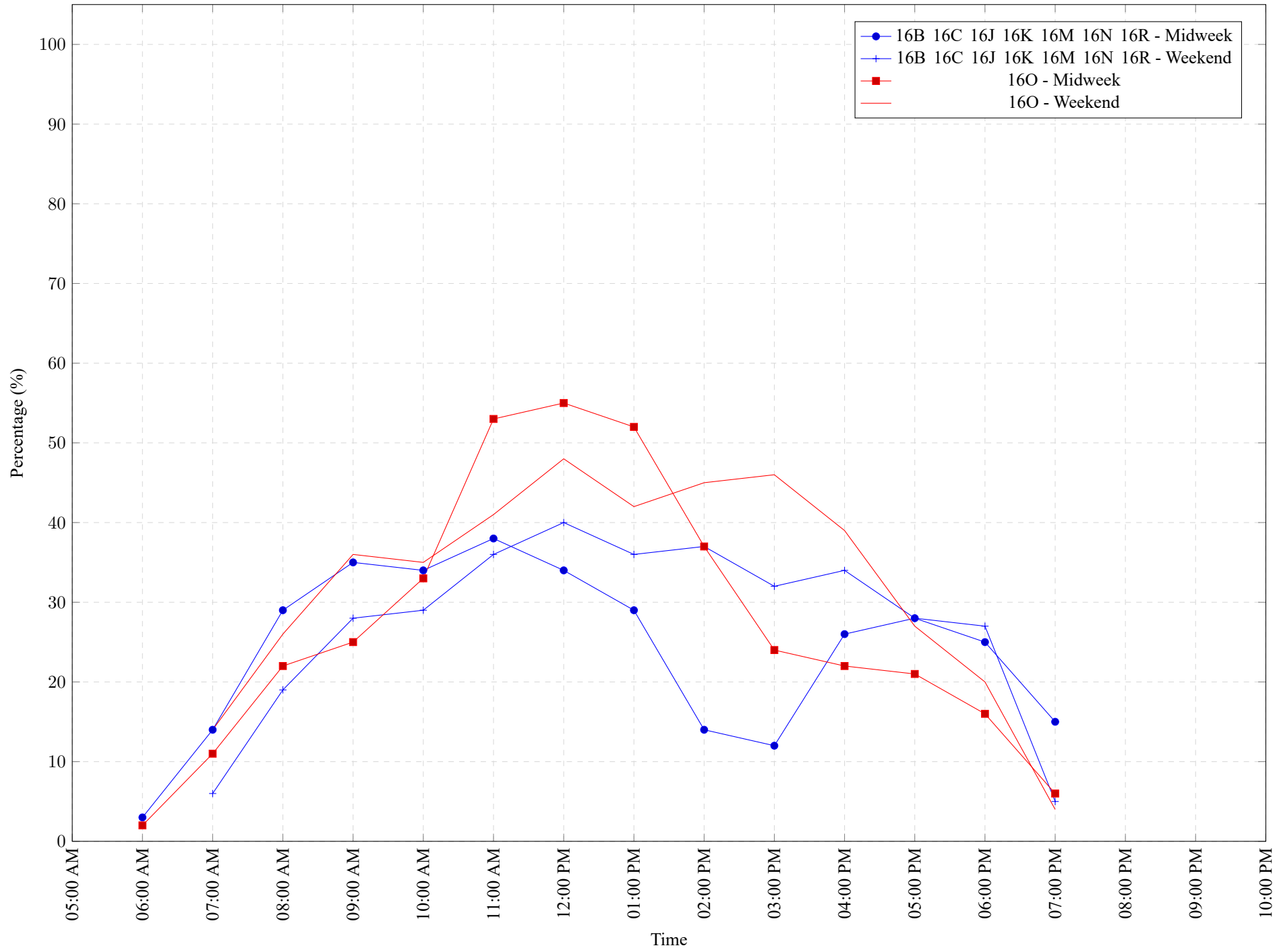


Table 7: Proportion of each day's fishing by hour.

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
16B	16C	16J	16K	16M	16N	16R		Midweek	3%	14%	29%	35%	34%	38%	34%	29%	14%	12%	26%	28%	25%	15%	0%	0%	0%
16B	16C	16J	16K	16M	16N	16R		Weekend	0%	6%	19%	28%	29%	36%	40%	36%	37%	32%	34%	28%	27%	5%	0%	0%	0%
16O								Midweek	2%	11%	22%	25%	33%	53%	55%	52%	37%	24%	22%	21%	16%	6%	0%	0%	0%
16O								Weekend	0%	14%	26%	36%	35%	41%	48%	42%	45%	46%	39%	27%	20%	4%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Bucaneer	Cooper's Green	Egmont	Pender Harbour Resort	Porpoise Bay	Saltery Bay
29 Aug 2024	Midweek						
30 Aug 2024	Midweek						
31 Aug 2024	Weekend						calm/rippled
01 Sep 2024	Weekend						
02 Sep 2024	Weekend						
03 Sep 2024	Midweek	calm/rippled					choppy
04 Sep 2024	Midweek			calm/rippled			
05 Sep 2024	Midweek						
06 Sep 2024	Midweek						
07 Sep 2024	Weekend						
08 Sep 2024	Weekend	calm/rippled					calm/rippled
09 Sep 2024	Midweek			calm/rippled			
10 Sep 2024	Midweek						
11 Sep 2024	Midweek		calm/rippled				
12 Sep 2024	Midweek						
13 Sep 2024	Midweek						
14 Sep 2024	Weekend						
15 Sep 2024	Weekend						
16 Sep 2024	Midweek					calm/rippled	
17 Sep 2024	Midweek						
18 Sep 2024	Midweek						
19 Sep 2024	Midweek						
20 Sep 2024	Midweek						
21 Sep 2024	Weekend						
22 Sep 2024	Weekend						
23 Sep 2024	Midweek						
24 Sep 2024	Midweek						
25 Sep 2024	Midweek						
26 Sep 2024	Midweek						
27 Sep 2024	Midweek						
28 Sep 2024	Weekend						
29 Sep 2024	Weekend					choppy	
30 Sep 2024	Midweek				calm/rippled		
01 Oct 2024	Midweek						
02 Oct 2024	Midweek						
03 Oct 2024	Midweek						