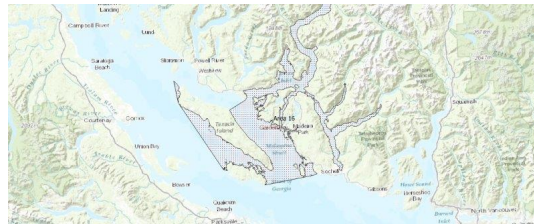


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 16 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	Bucaneer		Cooper's Green		Egmont	French Ck	Madeira		Pender Harbour Resort		Porpoise Bay		Saltery Bay		Schooner
		AM	PM	AM	PM	PM	AM	AM	PM	AM	PM	AM	PM	AM	PM	PM
29 Jul 2024	Midweek															
30 Jul 2024	Midweek															
31 Jul 2024	Midweek														3	
01 Aug 2024	Midweek											3				
02 Aug 2024	Midweek									2						
03 Aug 2024	Weekend	1				1	1		4	2					7	
04 Aug 2024	Weekend															
05 Aug 2024	Weekend											3				
06 Aug 2024	Midweek				2											
07 Aug 2024	Midweek	1								4						
08 Aug 2024	Midweek															
09 Aug 2024	Midweek															
10 Aug 2024	Weekend			6												
11 Aug 2024	Weekend														5	
12 Aug 2024	Midweek							2								
13 Aug 2024	Midweek															
14 Aug 2024	Midweek									1						
15 Aug 2024	Midweek			4												
16 Aug 2024	Midweek	4														
17 Aug 2024	Weekend															
18 Aug 2024	Weekend															
19 Aug 2024	Midweek											1				
20 Aug 2024	Midweek															
21 Aug 2024	Midweek									2						
22 Aug 2024	Midweek								3							
23 Aug 2024	Midweek				3											
24 Aug 2024	Weekend															1
25 Aug 2024	Weekend							4								
26 Aug 2024	Midweek															
27 Aug 2024	Midweek											1				
28 Aug 2024	Midweek					4									1	
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

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		0							
01-Aug-2024	Thursday	calm/rippled	3							
02-Aug-2024	Friday	calm/rippled	2					30	1027	102
03-Aug-2024	Saturday	choppy	10	1	1			66	1041	194
04-Aug-2024	Sunday	calm/rippled	6	2						
05-Aug-2024	Monday (B.C. Day)	calm/rippled	3							
06-Aug-2024	Tuesday	frequent whitecaps	2							
07-Aug-2024	Wednesday	calm/rippled	5					31	1036	107
08-Aug-2024	Thursday		0							
09-Aug-2024	Friday		0							
10-Aug-2024	Saturday	calm/rippled	6	1	1					
11-Aug-2024	Sunday	choppy	5		1			29	1042	86
12-Aug-2024	Monday	choppy	2					14	1112	45
13-Aug-2024	Tuesday		0							
14-Aug-2024	Wednesday	calm/rippled	1							
15-Aug-2024	Thursday	choppy	4	3						
16-Aug-2024	Friday	calm/rippled	4	1	1					
17-Aug-2024	Saturday		0							
18-Aug-2024	Sunday		0					16	1054	48
19-Aug-2024	Monday	calm/rippled	1							
20-Aug-2024	Tuesday		0							
21-Aug-2024	Wednesday	choppy	2							
22-Aug-2024	Thursday	calm/rippled	3							
23-Aug-2024	Friday	choppy	3		1			24	1033	84
24-Aug-2024	Saturday	frequent whitecaps	1					18	1032	55
25-Aug-2024	Sunday	choppy	4					11	1033	33
26-Aug-2024	Monday		0							
27-Aug-2024	Tuesday	choppy	1							
28-Aug-2024	Wednesday	choppy	5					9	1034	31
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	92
03-Sep-2024	Tuesday	choppy	2							
	Totals	choppy	38	4	2			22*		74*
	Totals	choppy	37	5	3			28*		83*

* 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	83	10	830	0.135	0.081			112	67		
Midweek	74	21	1554	0.105	0.053			163	82		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	2960	492	33		0
2020	August	2606	639	109		0
2021	August	3568	972			0
2022	August	1855	565	13		0
2023	August	2210	446	680	0	53
2024	August	1932	364	175		0
5-Yr Avg	August	2640	623	209	0	11

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	75	4%

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

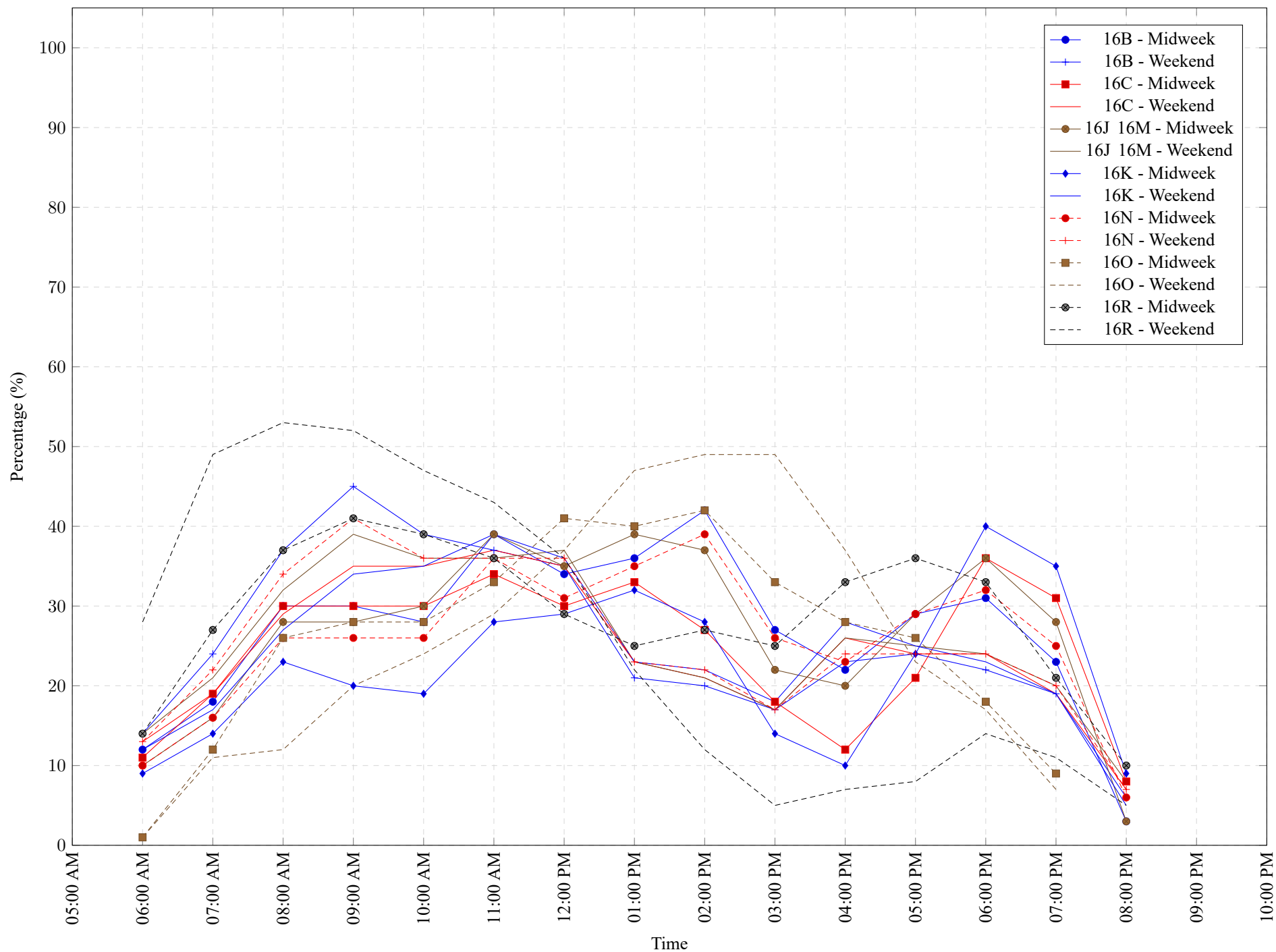


Table 7: Proportion of each day's fishing by hour.

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	Midweek	12%	18%	30%	30%	28%	39%	34%	36%	42%	27%	22%	29%	31%	23%	3%	0%	0%
16B	Weekend	14%	24%	37%	45%	39%	37%	35%	21%	20%	17%	23%	24%	22%	19%	6%	0%	0%
16C	Midweek	11%	19%	30%	30%	30%	34%	30%	33%	27%	18%	12%	21%	36%	31%	8%	0%	0%
16C	Weekend	13%	19%	29%	35%	35%	37%	35%	23%	21%	17%	26%	24%	24%	19%	7%	0%	0%
16J 16M	Midweek	10%	16%	28%	28%	30%	39%	35%	39%	37%	22%	20%	29%	36%	28%	3%	0%	0%
16J 16M	Weekend	14%	21%	32%	39%	36%	36%	37%	23%	21%	17%	26%	25%	24%	20%	8%	0%	0%
16K	Midweek	9%	14%	23%	20%	19%	28%	29%	32%	28%	14%	10%	24%	40%	35%	9%	0%	0%
16K	Weekend	12%	17%	27%	34%	35%	39%	36%	23%	22%	18%	28%	25%	23%	19%	5%	0%	0%
16N	Midweek	10%	16%	26%	26%	26%	36%	31%	35%	39%	26%	23%	29%	32%	25%	6%	0%	0%
16N	Weekend	13%	22%	34%	41%	36%	36%	36%	23%	22%	17%	24%	24%	24%	20%	7%	0%	0%
16O	Midweek	1%	12%	26%	28%	28%	33%	41%	40%	42%	33%	28%	26%	18%	9%	0%	0%	0%
16O	Weekend	1%	11%	12%	20%	24%	29%	37%	47%	49%	49%	37%	23%	17%	7%	0%	0%	0%
16R	Midweek	14%	27%	37%	41%	39%	36%	29%	25%	27%	25%	33%	36%	33%	21%	10%	0%	0%
16R	Weekend	28%	49%	53%	52%	47%	43%	36%	22%	12%	5%	7%	8%	14%	11%	5%	0%	0%

Table 8: Daily Fishing Conditions.

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