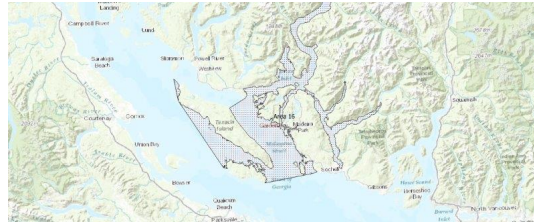


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 16 July 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 12th September, 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		Union Bay	Westview
		AM	PM	AM	PM	AM	PM	AM	AM	PM	AM	PM	PM	AM	PM	PM	PM
28 Jun 2024	Midweek																
29 Jun 2024	Weekend		4			1											
30 Jun 2024	Weekend									4							1
01 Jul 2024	Weekend									3							
02 Jul 2024	Midweek																
03 Jul 2024	Midweek									2					1		
04 Jul 2024	Midweek																
05 Jul 2024	Midweek																
06 Jul 2024	Weekend								1				1				
07 Jul 2024	Weekend																1
08 Jul 2024	Midweek																
09 Jul 2024	Midweek																
10 Jul 2024	Midweek				5								1				
11 Jul 2024	Midweek																
12 Jul 2024	Midweek																
13 Jul 2024	Weekend			4											2		
14 Jul 2024	Weekend		3														
15 Jul 2024	Midweek		5											3			
16 Jul 2024	Midweek					2											
17 Jul 2024	Midweek											2					
18 Jul 2024	Midweek																
19 Jul 2024	Midweek																
20 Jul 2024	Weekend	8													1		
21 Jul 2024	Weekend																
22 Jul 2024	Midweek																
23 Jul 2024	Midweek																
24 Jul 2024	Midweek								1				3				
25 Jul 2024	Midweek																
26 Jul 2024	Midweek																
27 Jul 2024	Weekend															1	
28 Jul 2024	Weekend						1										
29 Jul 2024	Midweek																
30 Jul 2024	Midweek														3		
31 Jul 2024	Midweek																
01 Aug 2024	Midweek												3				
02 Aug 2024	Midweek									2							
03 Aug 2024	Weekend	1					1	1							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
28-Jun-2024	Friday		0							
29-Jun-2024	Saturday	calm/rippled	5							
30-Jun-2024	Sunday	calm/rippled	5							
01-Jul-2024	Monday (Canada Day)	calm/rippled	3	2	1			17	1129	75
02-Jul-2024	Tuesday		3							
03-Jul-2024	Wednesday	calm/rippled	4					22	1129	111
04-Jul-2024	Thursday		2					17	1126	85
05-Jul-2024	Friday		0							
06-Jul-2024	Saturday	calm/rippled	2					16	1133	69
07-Jul-2024	Sunday	calm/rippled	1	1	1					
08-Jul-2024	Monday		0							
09-Jul-2024	Tuesday		1							
10-Jul-2024	Wednesday	calm/rippled	9		1					
11-Jul-2024	Thursday		3							
12-Jul-2024	Friday		0					18	1131	90
13-Jul-2024	Saturday	calm/rippled	6		2					
14-Jul-2024	Sunday	choppy	3					47	1136	202
15-Jul-2024	Monday	calm/rippled	8	10				47	1129	237
16-Jul-2024	Tuesday	choppy	2	1						
17-Jul-2024	Wednesday	calm/rippled	2							
18-Jul-2024	Thursday		0					22	1124	112
19-Jul-2024	Friday		0					35	1128	176
20-Jul-2024	Saturday	calm/rippled	8	6	8			68	1132	307
21-Jul-2024	Sunday	calm/rippled	1					34	1128	152
22-Jul-2024	Monday		0							
23-Jul-2024	Tuesday		0							
24-Jul-2024	Wednesday	calm/rippled	4							
25-Jul-2024	Thursday		0					11	1124	55
26-Jul-2024	Friday		0							
27-Jul-2024	Saturday	calm/rippled	1	3				80	1131	359
28-Jul-2024	Sunday	calm/rippled	1							
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	156
03-Aug-2024	Saturday	choppy	10	1	1			66	1041	310
	Totals	calm/rippled	41	11	1			25*		124*
	Totals	calm/rippled	26	12	12			44*		194*

* 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	124	22	2728	0.268	0.024			731	65		
Weekend	194	9	1746	0.462	0.462			807	807		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	2613	1066	167		
2020	July	3636	1540	93		0
2021	July	4202	3624	0		0
2022	July	3533	1742	0		0
2023	July	1336	487	992	0	0
2024	July	4017	1985	2450	54	0
5-Yr Avg	July	3064	1692	250	0	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	62	2%

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

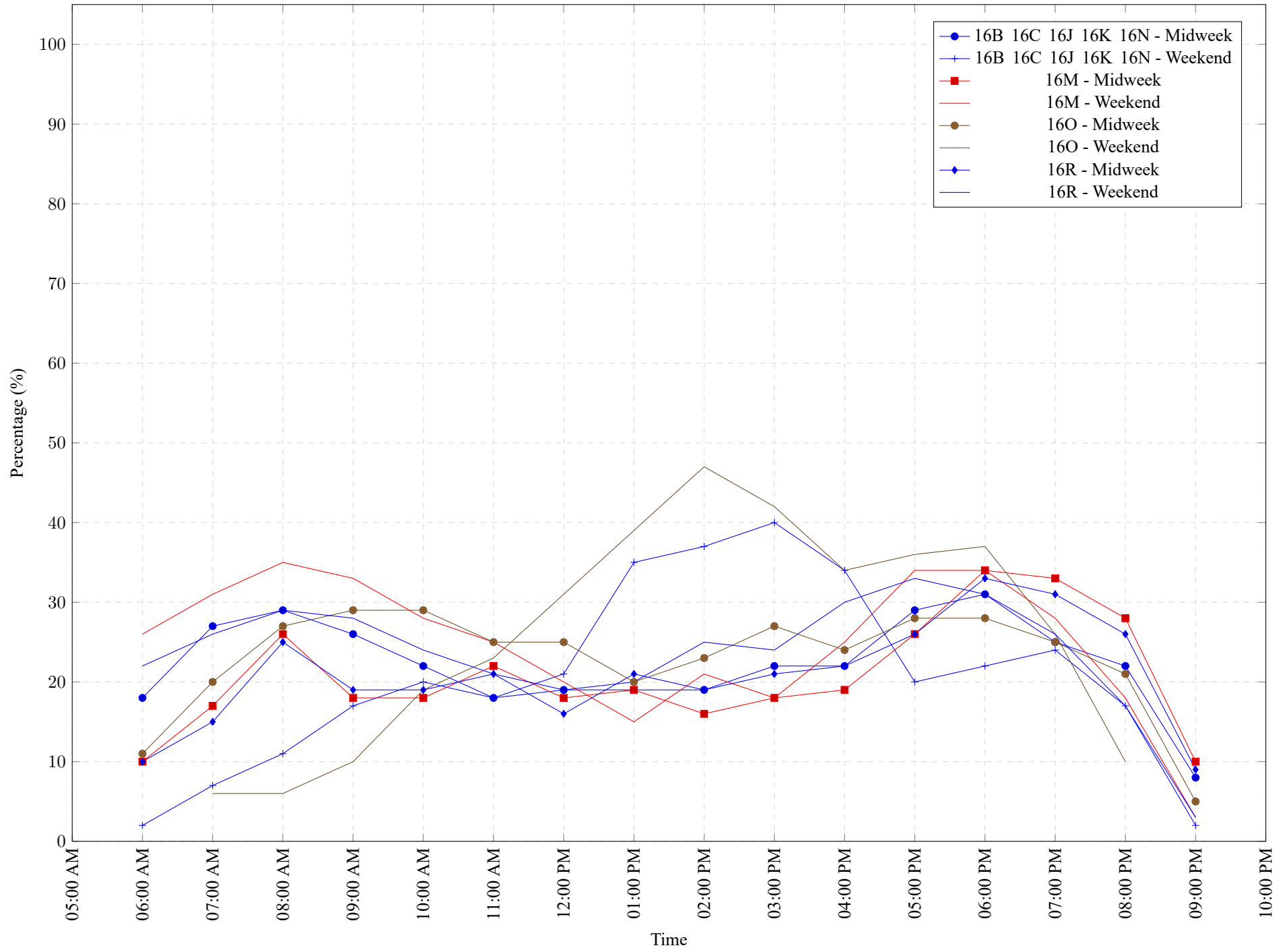


Table 7: Proportion of each day's fishing by hour.

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 16N	16B 16C 16J 16K 16N	16M	16O	16R	Midweek	18%	27%	29%	26%	22%	18%	19%	19%	19%	22%	22%	29%	31%	25%	22%	8%	0%
16B 16C 16J 16K 16N					Weekend	2%	7%	11%	17%	20%	18%	21%	35%	37%	40%	34%	20%	22%	24%	17%	2%	0%
16B 16C 16J 16K 16N	16B 16C 16J 16K 16N	16M	16O	16R	Midweek	10%	17%	26%	18%	18%	22%	18%	19%	16%	18%	19%	26%	34%	33%	28%	10%	0%
16B 16C 16J 16K 16N					Weekend	26%	31%	35%	33%	28%	25%	20%	15%	21%	18%	25%	34%	34%	28%	18%	3%	0%
16B 16C 16J 16K 16N	16B 16C 16J 16K 16N	16M	16O	16R	Midweek	11%	20%	27%	29%	29%	25%	25%	20%	23%	27%	24%	28%	28%	25%	21%	5%	0%
16B 16C 16J 16K 16N					Weekend	0%	6%	6%	10%	19%	23%	31%	39%	47%	42%	34%	36%	37%	26%	10%	0%	0%
16B 16C 16J 16K 16N	16B 16C 16J 16K 16N	16M	16O	16R	Midweek	10%	15%	25%	19%	19%	21%	16%	21%	19%	21%	22%	26%	33%	31%	26%	9%	0%
16B 16C 16J 16K 16N					Weekend	22%	26%	29%	28%	24%	21%	19%	20%	25%	24%	30%	33%	31%	26%	17%	3%	0%

Table 8: Daily Fishing Conditions.

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