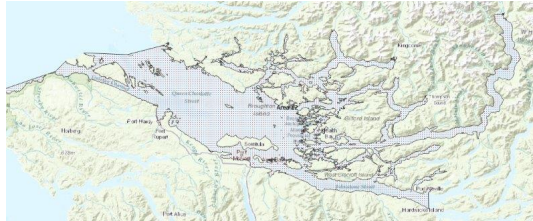


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 12 June 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 17th August, 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	Alder Bay Campsite		Bear Cove		Port McNeill Ramp		Quarterdeck Marina		Telegraph Cove	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
29 May 2024	Midweek										
30 May 2024	Midweek										
31 May 2024	Midweek										
01 Jun 2024	Weekend										
02 Jun 2024	Weekend										
03 Jun 2024	Midweek										
04 Jun 2024	Midweek										
05 Jun 2024	Midweek			1				5			
06 Jun 2024	Midweek								3		
07 Jun 2024	Midweek										
08 Jun 2024	Weekend							3			10
09 Jun 2024	Weekend		3								
10 Jun 2024	Midweek									6	
11 Jun 2024	Midweek										
12 Jun 2024	Midweek							1			
13 Jun 2024	Midweek			4						8	
14 Jun 2024	Midweek										7
15 Jun 2024	Weekend			4						7	
16 Jun 2024	Weekend								1		5
17 Jun 2024	Midweek					9					
18 Jun 2024	Midweek										
19 Jun 2024	Midweek										
20 Jun 2024	Midweek									6	
21 Jun 2024	Midweek								1		5
22 Jun 2024	Weekend						13		3		
23 Jun 2024	Weekend			7		9					
24 Jun 2024	Midweek			10							9
25 Jun 2024	Midweek										
26 Jun 2024	Midweek				1						
27 Jun 2024	Midweek									10	
28 Jun 2024	Midweek	8						1			
29 Jun 2024	Weekend	11						1			
30 Jun 2024	Weekend			10							
01 Jul 2024	Weekend										20
02 Jul 2024	Midweek										
03 Jul 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-May-2024	Wednesday		0							
30-May-2024	Thursday		0							
31-May-2024	Friday		0							
01-Jun-2024	Saturday		0							
02-Jun-2024	Sunday		0							
03-Jun-2024	Monday		0							
04-Jun-2024	Tuesday		0							
05-Jun-2024	Wednesday	calm/rippled	1							
06-Jun-2024	Thursday	choppy	5				3			
07-Jun-2024	Friday	choppy	3				2	10	0954	20
08-Jun-2024	Saturday	calm/rippled	13					4	1040	7
09-Jun-2024	Sunday	choppy	3							
10-Jun-2024	Monday	calm/rippled	6							
11-Jun-2024	Tuesday		0							
12-Jun-2024	Wednesday	calm/rippled	2							
13-Jun-2024	Thursday	calm/rippled	12				2	6	0944	12
14-Jun-2024	Friday	calm/rippled	7							
15-Jun-2024	Saturday	choppy	11		1		4	24	1004	42
16-Jun-2024	Sunday	frequent whitecaps	6				2			
17-Jun-2024	Monday	choppy	9							
18-Jun-2024	Tuesday		0							
19-Jun-2024	Wednesday		0							
20-Jun-2024	Thursday	calm/rippled	6							
21-Jun-2024	Friday	calm/rippled	6							
22-Jun-2024	Saturday	calm/rippled	16		2		1	13	1030	23
23-Jun-2024	Sunday	calm/rippled	16		3		5			
24-Jun-2024	Monday	calm/rippled	19	5	24		2			
25-Jun-2024	Tuesday		0							
26-Jun-2024	Wednesday	calm/rippled	1					5	0940	10
27-Jun-2024	Thursday	calm/rippled	10		2					
28-Jun-2024	Friday	calm/rippled	9		3		5			
29-Jun-2024	Saturday	choppy	12	1	2		9			
30-Jun-2024	Sunday	choppy	10		6		2			
01-Jul-2024	Monday (Canada Day)	frequent whitecaps	20				5			
02-Jul-2024	Tuesday		0							
03-Jul-2024	Wednesday		0					21	1003	40
	Totals	calm/rippled	96	5	29		14	7*		14*
	Totals	choppy	87	1	14		23	14*		24*

* 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	24	10	240	0.011	0.161		0.264	3	39		63
Midweek	14	20	280	0.052	0.302		0.146	15	85		41

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	June	1382	2	44		171
2020	June	461	450	12		259
2021	June	514	2	54		135
2022	June	528	271			229
2023	June	538	256	8	0	118
2024	June	581	285	82		159
5-Yr Avg	June	685	196	30	0	182

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	182	5%
iRec Anglers	1319	21%

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

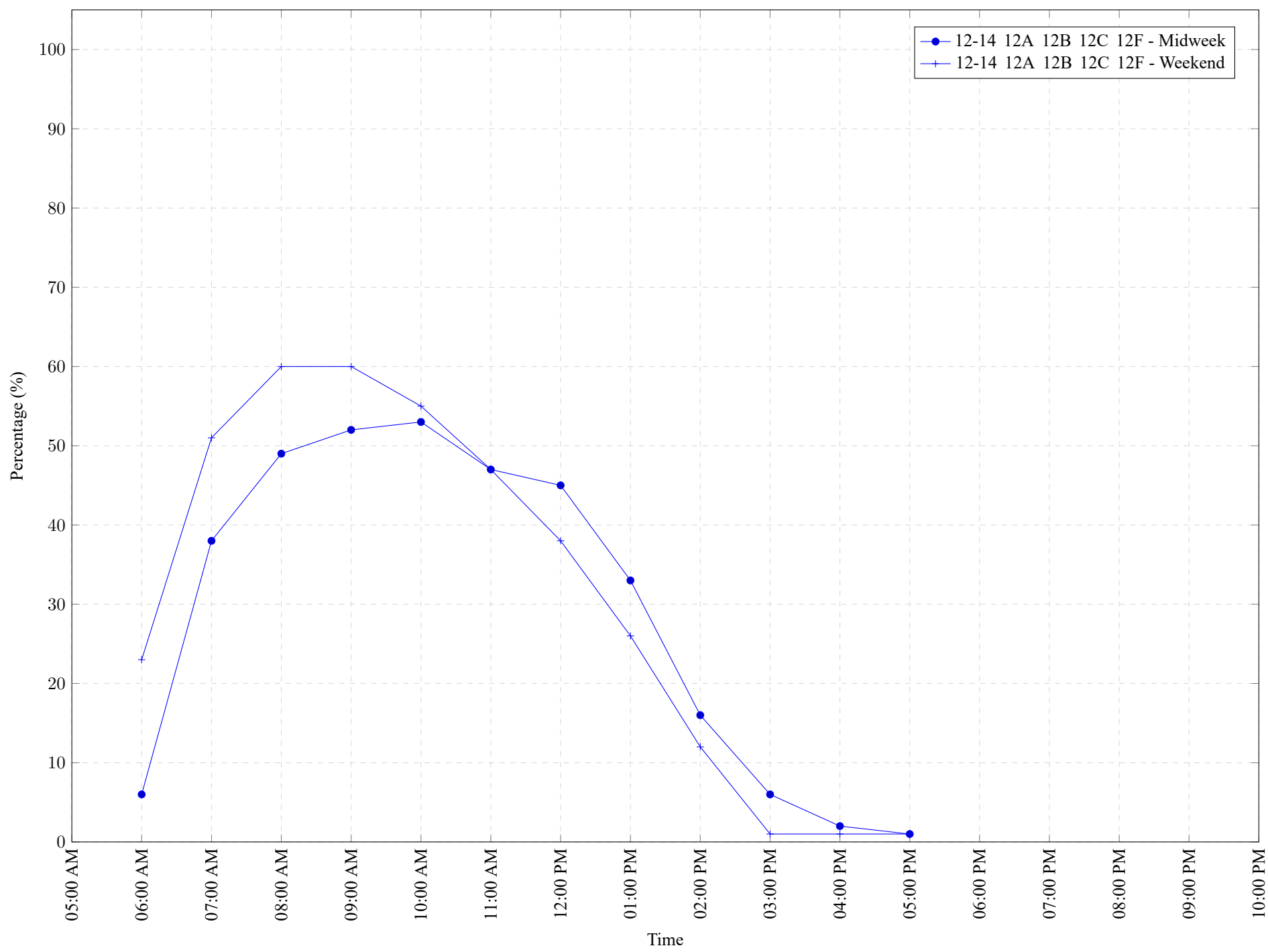


Table 7: Proportion of each day's fishing by hour.

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
12-14	12A	12B	12C	12F	Midweek	6%	38%	49%	52%	53%	47%	45%	33%	16%	6%	2%	1%	0%	0%	0%	0%	0%
12-14	12A	12B	12C	12F	Weekend	23%	51%	60%	60%	55%	47%	38%	26%	12%	1%	1%	1%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Alder Bay Campsite	Bear Cove	Port McNeill Ramp	Quarterdeck Marina	Telegraph Cove
29 May 2024	Midweek					
30 May 2024	Midweek					
31 May 2024	Midweek					
01 Jun 2024	Weekend					
02 Jun 2024	Weekend					
03 Jun 2024	Midweek					
04 Jun 2024	Midweek					
05 Jun 2024	Midweek		calm/rippled			
06 Jun 2024	Midweek				choppy	
07 Jun 2024	Midweek				choppy	
08 Jun 2024	Weekend				calm/rippled	calm/rippled
09 Jun 2024	Weekend	choppy				
10 Jun 2024	Midweek					calm/rippled
11 Jun 2024	Midweek					
12 Jun 2024	Midweek				calm/rippled	
13 Jun 2024	Midweek		calm/rippled			calm/rippled
14 Jun 2024	Midweek					calm/rippled
15 Jun 2024	Weekend		calm/rippled			choppy
16 Jun 2024	Weekend				choppy	frequent whitecaps
17 Jun 2024	Midweek			choppy		
18 Jun 2024	Midweek					
19 Jun 2024	Midweek					
20 Jun 2024	Midweek					calm/rippled
21 Jun 2024	Midweek				choppy	calm/rippled
22 Jun 2024	Weekend			calm/rippled	choppy	
23 Jun 2024	Weekend		calm/rippled	choppy		
24 Jun 2024	Midweek		calm/rippled			calm/rippled
25 Jun 2024	Midweek					
26 Jun 2024	Midweek		calm/rippled			
27 Jun 2024	Midweek					calm/rippled
28 Jun 2024	Midweek	calm/rippled			calm/rippled	
29 Jun 2024	Weekend	choppy			choppy	
30 Jun 2024	Weekend		choppy			
01 Jul 2024	Weekend					frequent whitecaps
02 Jul 2024	Midweek					
03 Jul 2024	Midweek					