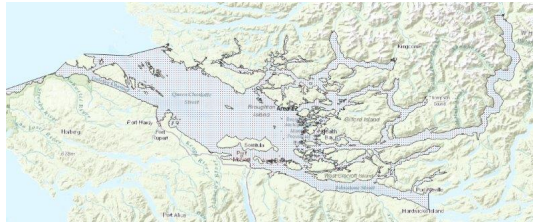


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 12 August 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 13th November, 2024



Fisheries and Oceans
Canada

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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 Jul 2024	Midweek										14
30 Jul 2024	Midweek										
31 Jul 2024	Midweek							4			
01 Aug 2024	Midweek			13						33	
02 Aug 2024	Midweek					15		4			
03 Aug 2024	Weekend						27	5			
04 Aug 2024	Weekend										34
05 Aug 2024	Weekend									24	
06 Aug 2024	Midweek										
07 Aug 2024	Midweek				10						
08 Aug 2024	Midweek										39
09 Aug 2024	Midweek							4			25
10 Aug 2024	Weekend	10		6							
11 Aug 2024	Weekend		16	12							
12 Aug 2024	Midweek					9					
13 Aug 2024	Midweek										
14 Aug 2024	Midweek								4		
15 Aug 2024	Midweek				11						
16 Aug 2024	Midweek			9						23	
17 Aug 2024	Weekend								3		
18 Aug 2024	Weekend				8						
19 Aug 2024	Midweek									14	
20 Aug 2024	Midweek										
21 Aug 2024	Midweek										
22 Aug 2024	Midweek			9							21
23 Aug 2024	Midweek	7		6							
24 Aug 2024	Weekend		10								
25 Aug 2024	Weekend										9
26 Aug 2024	Midweek									10	
27 Aug 2024	Midweek										
28 Aug 2024	Midweek										
29 Aug 2024	Midweek										
30 Aug 2024	Midweek										
31 Aug 2024	Weekend										
01 Sep 2024	Weekend										
02 Sep 2024	Weekend										
03 Sep 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-Jul-2024	Monday	calm/rippled	18	6	31		6			
30-Jul-2024	Tuesday		4	3	7					
31-Jul-2024	Wednesday	calm/rippled	9	4	8					
01-Aug-2024	Thursday	calm/rippled	50	29	20		7			
02-Aug-2024	Friday	calm/rippled	25	12	2		2	68	0959	97
03-Aug-2024	Saturday	choppy	35	17	11		1			
04-Aug-2024	Sunday	choppy	40	17	20		9	101	0957	153
05-Aug-2024	Monday (B.C. Day)	calm/rippled	30	10	20		6			
06-Aug-2024	Tuesday		7	7	7					
07-Aug-2024	Wednesday	calm/rippled	13	10	5					
08-Aug-2024	Thursday	calm/rippled	43	24	16		1			
09-Aug-2024	Friday	choppy	29	5	18		3			
10-Aug-2024	Saturday	calm/rippled	16	3			3			
11-Aug-2024	Sunday	calm/rippled	28	5	8		6	70	0951	117
12-Aug-2024	Monday	calm/rippled	11	5	1		3			
13-Aug-2024	Tuesday		2		2					
14-Aug-2024	Wednesday	calm/rippled	5		2		2			
15-Aug-2024	Thursday	choppy	12	4	2					
16-Aug-2024	Friday	calm/rippled	36	23	30		3	57	0942	83
17-Aug-2024	Saturday	calm/rippled	5	5	2					
18-Aug-2024	Sunday	calm/rippled	12	8	12			78	0936	131
19-Aug-2024	Monday	choppy	15	13	8					
20-Aug-2024	Tuesday		1	1						
21-Aug-2024	Wednesday		3	2	2					
22-Aug-2024	Thursday	calm/rippled	31	16	14		3			
23-Aug-2024	Friday	calm/rippled	13	12	4					
24-Aug-2024	Saturday	calm/rippled	10	3	5		2			
25-Aug-2024	Sunday	calm/rippled	9	3	8					
26-Aug-2024	Monday	frequent whitecaps	11	11	3					
27-Aug-2024	Tuesday		0							
28-Aug-2024	Wednesday		2	1	2					
29-Aug-2024	Thursday		0							
30-Aug-2024	Friday		0							
31-Aug-2024	Saturday		0							
01-Sep-2024	Sunday		0							
02-Sep-2024	Monday (Labour Day)		0							
03-Sep-2024	Tuesday		0							
	Totals	calm/rippled	309	175	138		24	63*		90*
	Totals	calm/rippled	185	71	86		27	83*		134*

* 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	134	10	1340	0.384	0.465		0.146	515	623		196
Midweek	90	21	1890	0.566	0.447		0.078	1070	845		147

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	5027	2697	367	6	385
2020	August	4199	1400	767		846
2021	August	3414	1257	310	0	232
2022	August	1695	792	225	0	107
2023	August	2982	1770	86	0	464
2024	August	2954	1531	648	0	338
5-Yr Avg	August	3463	1583	351	2	407

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	469	3%
iRec Anglers	10613	8%

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

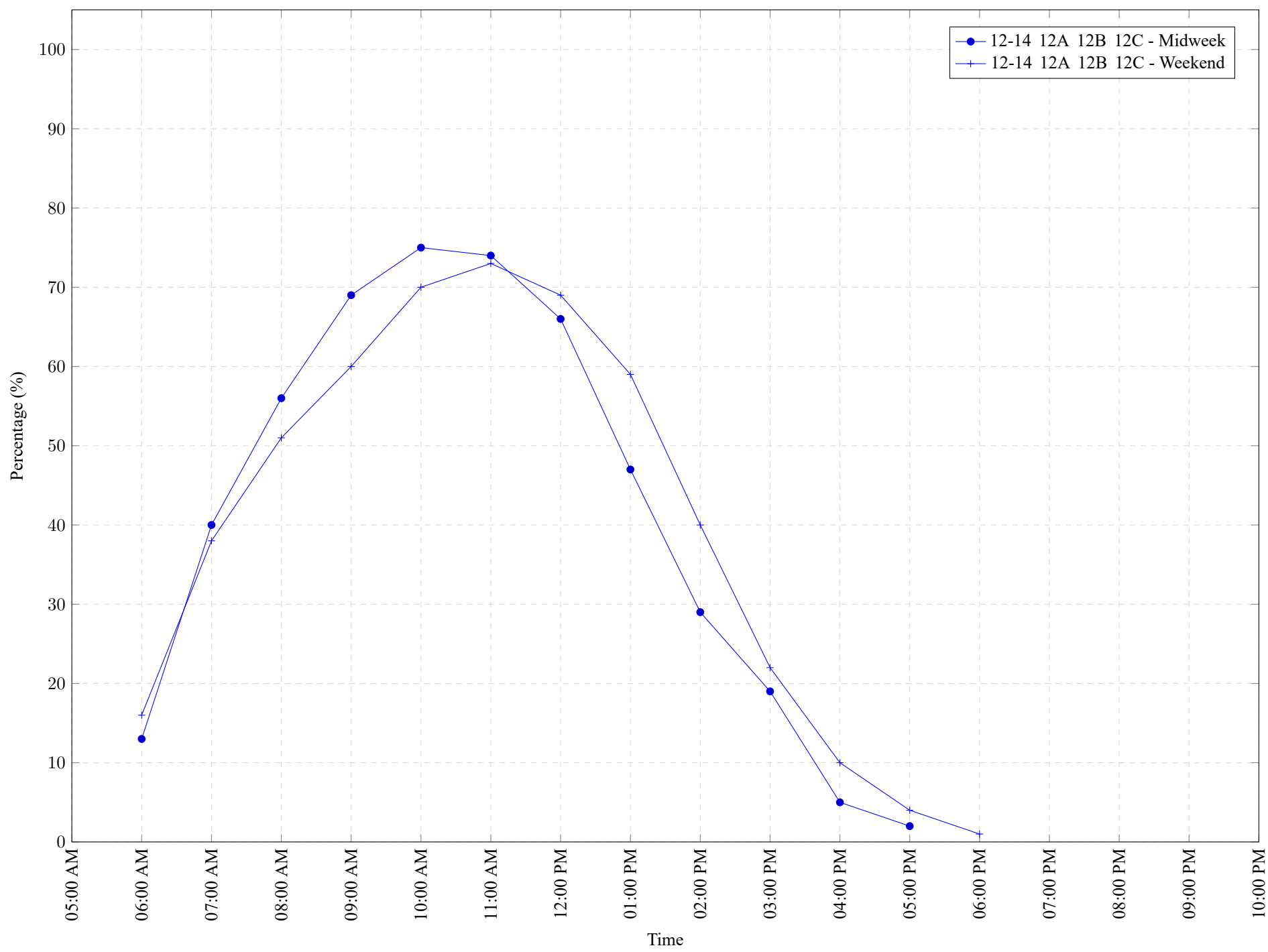


Table 7: Proportion of each day's fishing by hour.

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	Midweek	13%	40%	56%	69%	75%	74%	66%	47%	29%	19%	5%	2%	0%	0%	0%	0%	0%
12-14	12A	12B	12C	Weekend	16%	38%	51%	60%	70%	73%	69%	59%	40%	22%	10%	4%	1%	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 Jul 2024	Midweek					calm/rippled
30 Jul 2024	Midweek					
31 Jul 2024	Midweek				calm/rippled	
01 Aug 2024	Midweek		calm/rippled			calm/rippled
02 Aug 2024	Midweek			calm/rippled	calm/rippled	
03 Aug 2024	Weekend			choppy	calm/rippled	
04 Aug 2024	Weekend					choppy
05 Aug 2024	Weekend					calm/rippled
06 Aug 2024	Midweek					
07 Aug 2024	Midweek		calm/rippled			
08 Aug 2024	Midweek					calm/rippled
09 Aug 2024	Midweek				calm/rippled	choppy
10 Aug 2024	Weekend	calm/rippled	calm/rippled			
11 Aug 2024	Weekend	choppy	calm/rippled			
12 Aug 2024	Midweek			calm/rippled		
13 Aug 2024	Midweek					
14 Aug 2024	Midweek				calm/rippled	
15 Aug 2024	Midweek		choppy			
16 Aug 2024	Midweek		calm/rippled			calm/rippled
17 Aug 2024	Weekend				calm/rippled	
18 Aug 2024	Weekend		calm/rippled			
19 Aug 2024	Midweek					choppy
20 Aug 2024	Midweek					
21 Aug 2024	Midweek					
22 Aug 2024	Midweek		calm/rippled			calm/rippled
23 Aug 2024	Midweek	calm/rippled	calm/rippled			
24 Aug 2024	Weekend	calm/rippled				
25 Aug 2024	Weekend					calm/rippled
26 Aug 2024	Midweek					frequent whitecaps
27 Aug 2024	Midweek					
28 Aug 2024	Midweek					
29 Aug 2024	Midweek					
30 Aug 2024	Midweek					
31 Aug 2024	Weekend					
01 Sep 2024	Weekend					
02 Sep 2024	Weekend					
03 Sep 2024	Midweek					