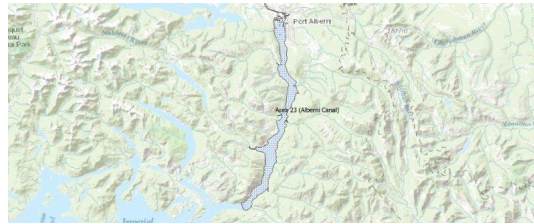


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 23 (Alberni Canal) June 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Sunday 24th 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.

		China Creek			Clutesi Marina		Clutesi Ramp			Fisherman's Harbour		McKay Bay Gas Dock	Poett Nook	Ucluelet Gov Dock
Date	Day Type	AM	MD	PM	AM	MD	AM	MD	PM	AM	MD	MD	MD	AM
29 May 2024	Midweek													
30 May 2024	Midweek													
31 May 2024	Midweek													1
01 Jun 2024	Weekend													
02 Jun 2024	Weekend	3												
03 Jun 2024	Midweek													
04 Jun 2024	Midweek													
05 Jun 2024	Midweek													
06 Jun 2024	Midweek			1										
07 Jun 2024	Midweek						8							
08 Jun 2024	Weekend	16												
09 Jun 2024	Weekend							10						
10 Jun 2024	Midweek						6							
11 Jun 2024	Midweek	5												
12 Jun 2024	Midweek									2				
13 Jun 2024	Midweek								2					
14 Jun 2024	Midweek	10					10							
15 Jun 2024	Weekend	17												
16 Jun 2024	Weekend	14						16						
17 Jun 2024	Midweek						16					2		
18 Jun 2024	Midweek	21												
19 Jun 2024	Midweek										2			
20 Jun 2024	Midweek				14		12							
21 Jun 2024	Midweek	23												
22 Jun 2024	Weekend		12				28					1		
23 Jun 2024	Weekend	18											1	
24 Jun 2024	Midweek													
25 Jun 2024	Midweek	19												
26 Jun 2024	Midweek			3										
27 Jun 2024	Midweek					1			5					
28 Jun 2024	Midweek									2				
29 Jun 2024	Weekend	17					22						1	
30 Jun 2024	Weekend			3									1	
01 Jul 2024	Weekend	13					27					1		
02 Jul 2024	Midweek		7											
03 Jul 2024	Midweek	28												

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	calm/rippled	1	1						
01-Jun-2024	Saturday		0					17	0751	20
02-Jun-2024	Sunday	choppy	3							
03-Jun-2024	Monday		0					0	1358	0
04-Jun-2024	Tuesday		0							
05-Jun-2024	Wednesday		0					20	0824	30
06-Jun-2024	Thursday	choppy	1					6	1035	40
07-Jun-2024	Friday	choppy	8			4		9	0905	14
08-Jun-2024	Saturday	calm/rippled	16			47		100	0800	136
09-Jun-2024	Sunday	frequent whitecaps	10			18				
10-Jun-2024	Monday	choppy	6			20		0	1300	0
11-Jun-2024	Tuesday	frequent whitecaps	5			28		6	0800	9
12-Jun-2024	Wednesday	calm/rippled	2			13		133	0816	198
13-Jun-2024	Thursday	frequent whitecaps	2			1		65	0909	99
14-Jun-2024	Friday	choppy	20			113				
15-Jun-2024	Saturday	choppy	17			81		274	0750	320
16-Jun-2024	Sunday	choppy	30			101				
17-Jun-2024	Monday	choppy	18			49		46	0940	84
18-Jun-2024	Tuesday	choppy	21			171		87	0858	130
19-Jun-2024	Wednesday	calm/rippled	2					86	0920	157
20-Jun-2024	Thursday	calm/rippled	26			126		375	0752	457
21-Jun-2024	Friday	calm/rippled	23			97				
22-Jun-2024	Saturday	frequent whitecaps	41			69				
23-Jun-2024	Sunday	choppy	19			100		274	0755	320
24-Jun-2024	Monday		0					216	0753	263
25-Jun-2024	Tuesday	choppy	20			154		100	0851	150
26-Jun-2024	Wednesday	frequent whitecaps	4			29		44	0928	80
27-Jun-2024	Thursday	frequent whitecaps	6			38		35	0906	53
28-Jun-2024	Friday	choppy	2			15		88	0929	160
29-Jun-2024	Saturday	calm/rippled	39			328				
30-Jun-2024	Sunday	frequent whitecaps	4			3		33	1248	228
01-Jul-2024	Monday (Canada Day)	choppy	41			207		446	0755	521
02-Jul-2024	Tuesday	large swells	7			23				
03-Jul-2024	Wednesday	calm/rippled	28			211		484	0843	721
	Totals	choppy	166			858		77*		113*
	Totals	choppy	179			747		140*		205*

* 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	113	20	2260			5.169				11682	
Weekend	205	10	2050			4.173				8555	

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	June	1479	7		459	0
2020	June	176	139	7	116	20
2021	June	2530	0		6490	0
2022	June	1377	5		2079	0
2023	June	2819	0		10971	0
2024	June	3239	0		15585	0
5-Yr Avg	June	1676	30	7	4023	4

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	343	0%
iRec Anglers	4266	4%

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

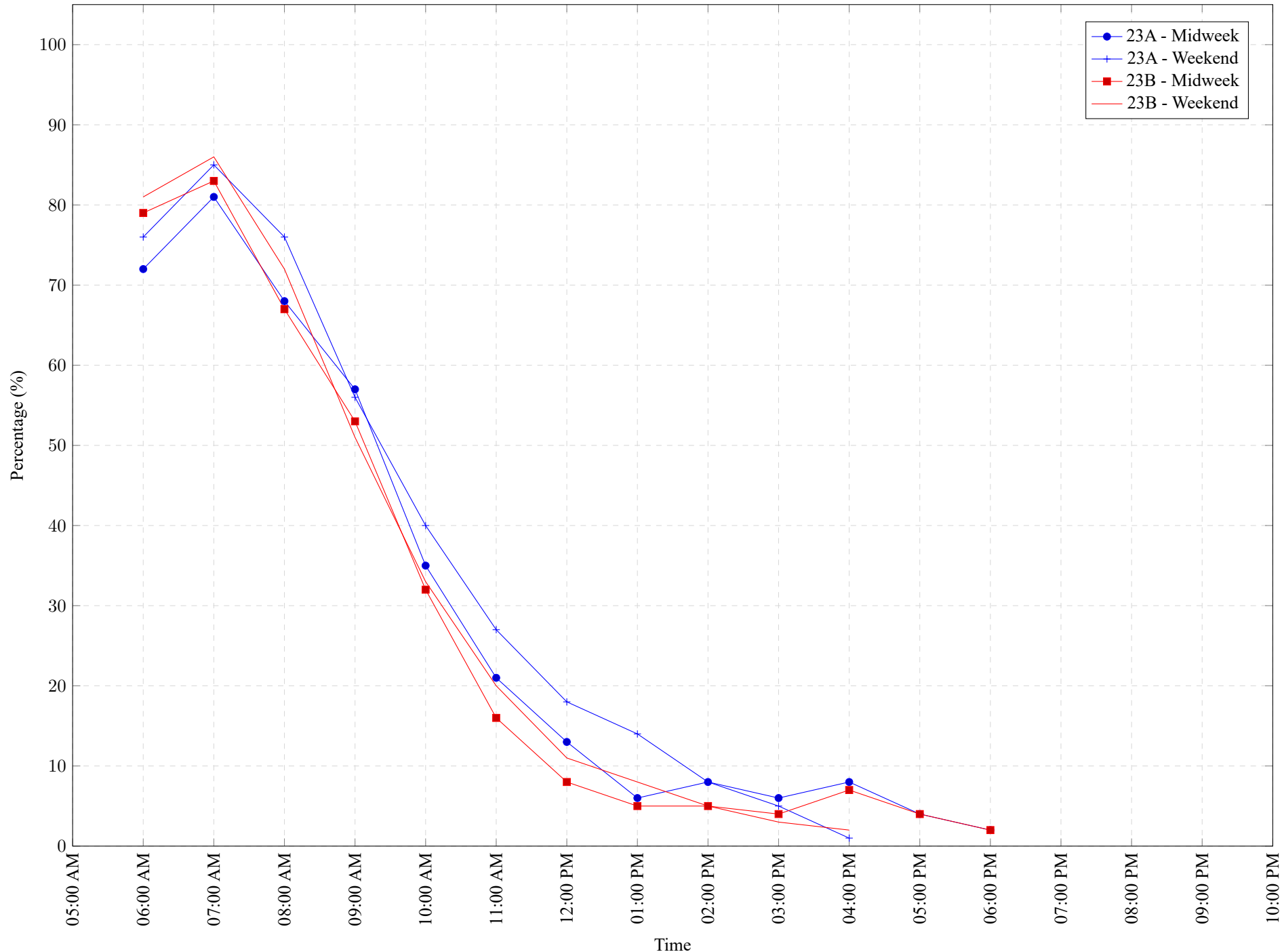


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
23A	Midweek	72%	81%	68%	57%	35%	21%	13%	6%	8%	6%	8%	4%	2%	0%	0%	0%	0%
23A	Weekend	76%	85%	76%	56%	40%	27%	18%	14%	8%	5%	1%	0%	0%	0%	0%	0%	0%
23B	Midweek	79%	83%	67%	53%	32%	16%	8%	5%	5%	4%	7%	4%	2%	0%	0%	0%	0%
23B	Weekend	81%	86%	72%	51%	33%	20%	11%	8%	5%	3%	2%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	China Creek	Clutesi Marina	Clutesi Ramp	Fisherman's Harbour	McKay Bay Gas Dock	Poett Nook	Ucluelet Gov Dock
29 May 2024	Midweek							
30 May 2024	Midweek							
31 May 2024	Midweek							calm/rippled
01 Jun 2024	Weekend							
02 Jun 2024	Weekend	choppy						
03 Jun 2024	Midweek							
04 Jun 2024	Midweek							
05 Jun 2024	Midweek							
06 Jun 2024	Midweek	choppy						
07 Jun 2024	Midweek			choppy				
08 Jun 2024	Weekend	calm/rippled						
09 Jun 2024	Weekend			frequent whitecaps				
10 Jun 2024	Midweek			choppy				
11 Jun 2024	Midweek	frequent whitecaps						
12 Jun 2024	Midweek				calm/rippled			
13 Jun 2024	Midweek			frequent whitecaps				
14 Jun 2024	Midweek	choppy		choppy				
15 Jun 2024	Weekend	choppy						
16 Jun 2024	Weekend	calm/rippled		choppy				
17 Jun 2024	Midweek			choppy		choppy		
18 Jun 2024	Midweek	choppy						
19 Jun 2024	Midweek				calm/rippled			
20 Jun 2024	Midweek		calm/rippled	calm/rippled				
21 Jun 2024	Midweek	calm/rippled						
22 Jun 2024	Weekend	frequent whitecaps		frequent whitecaps		choppy		
23 Jun 2024	Weekend	choppy					frequent whitecaps	
24 Jun 2024	Midweek							
25 Jun 2024	Midweek	choppy						
26 Jun 2024	Midweek	frequent whitecaps						
27 Jun 2024	Midweek		frequent whitecaps	frequent whitecaps				
28 Jun 2024	Midweek				choppy			
29 Jun 2024	Weekend	calm/rippled		calm/rippled				
30 Jun 2024	Weekend	frequent whitecaps					choppy	
01 Jul 2024	Weekend	choppy		choppy		frequent whitecaps		
02 Jul 2024	Midweek	large swells						
03 Jul 2024	Midweek	calm/rippled						