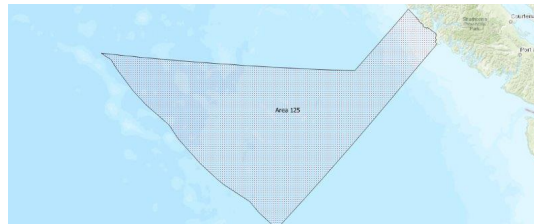


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 125 July 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 7th December, 2024



Fisheries and Oceans
Canada

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Canada



Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

Date	Day Type	Cougar Creek		Crittter Cove			Moutcha Bay Resort			Westview Marina		
		MD	PM	AM	MD	PM	AM	MD	PM	AM	MD	PM
28 Jun 2024	Midweek							10		1		
29 Jun 2024	Weekend							7				
30 Jun 2024	Weekend							11				
01 Jul 2024	Weekend											
02 Jul 2024	Midweek	2										
03 Jul 2024	Midweek							2				1
04 Jul 2024	Midweek								2			
05 Jul 2024	Midweek		2									
06 Jul 2024	Weekend	3										
07 Jul 2024	Weekend											
08 Jul 2024	Midweek				1			3			4	
09 Jul 2024	Midweek					2			11			6
10 Jul 2024	Midweek				3			1				
11 Jul 2024	Midweek	2					1					
12 Jul 2024	Midweek	3										
13 Jul 2024	Weekend							6				
14 Jul 2024	Weekend											
15 Jul 2024	Midweek				2							
16 Jul 2024	Midweek						4					8
17 Jul 2024	Midweek			2			4				4	
18 Jul 2024	Midweek			2				3				
19 Jul 2024	Midweek					2						
20 Jul 2024	Weekend					2		8				1
21 Jul 2024	Weekend				1							
22 Jul 2024	Midweek											
23 Jul 2024	Midweek								4			
24 Jul 2024	Midweek											1
25 Jul 2024	Midweek				1			3				
26 Jul 2024	Midweek					1						
27 Jul 2024	Weekend											3
28 Jul 2024	Weekend				1							
29 Jul 2024	Midweek							3				3
30 Jul 2024	Midweek			1								
31 Jul 2024	Midweek					1			10			7
01 Aug 2024	Midweek				2			4			1	
02 Aug 2024	Midweek					1			3			
03 Aug 2024	Weekend					1		4				

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	calm/rippled	11	1			1			
29-Jun-2024	Saturday	calm/rippled	7	28	6					
30-Jun-2024	Sunday	choppy	11	18	2		2	12	0847	16
01-Jul-2024	Monday (Canada Day)		0							
02-Jul-2024	Tuesday	choppy	2	3				9	0825	11
03-Jul-2024	Wednesday	choppy	4	4	2		1			
04-Jul-2024	Thursday	choppy	5	3						
05-Jul-2024	Friday	calm/rippled	2	2						
06-Jul-2024	Saturday	choppy	3	3			1	65	0822	84
07-Jul-2024	Sunday		0							
08-Jul-2024	Monday		0							
09-Jul-2024	Tuesday	choppy	9	9			1	43	0818	54
10-Jul-2024	Wednesday	choppy	22	9			2			
11-Jul-2024	Thursday	calm/rippled	5	8	4		1			
12-Jul-2024	Friday	choppy	3	3	2					
13-Jul-2024	Saturday	calm/rippled	9	20	3		1	59	0813	77
14-Jul-2024	Sunday		0							
15-Jul-2024	Monday	calm/rippled	2	2						
16-Jul-2024	Tuesday	choppy	12	28	20		1	80	0836	101
17-Jul-2024	Wednesday	calm/rippled	10	12	5		2			
18-Jul-2024	Thursday	calm/rippled	6	4						
19-Jul-2024	Friday	calm/rippled	2	2						
20-Jul-2024	Saturday	choppy	11	9	10		4			
21-Jul-2024	Sunday	calm/rippled	1	4						
22-Jul-2024	Monday		0							
23-Jul-2024	Tuesday	calm/rippled	5	5						
24-Jul-2024	Wednesday	calm/rippled	4	6			10			
25-Jul-2024	Thursday	calm/rippled	6	10	2		1			
26-Jul-2024	Friday	calm/rippled	1				3	37	0831	46
27-Jul-2024	Saturday	calm/rippled	3				9	27	0826	35
28-Jul-2024	Sunday	calm/rippled	1				6			
29-Jul-2024	Monday	calm/rippled	6	2	1		4			
30-Jul-2024	Tuesday	calm/rippled	2				2			
31-Jul-2024	Wednesday	calm/rippled	20	29	14		24	0	0948	0
01-Aug-2024	Thursday	calm/rippled	7	6	3		4	31	0905	39
02-Aug-2024	Friday	choppy	4				3			
03-Aug-2024	Saturday	choppy	5	2			1			
	Totals	calm/rippled	128	141	50		52	34*		42*
	Totals	calm/rippled	28	36	13		21	50*		65*

* 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	65	9	585	1.286	0.464		0.75	752	271		439
Midweek	42	22	924	1.102	0.391		0.406	1018	361		375

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	2192	3217	1343		653
2020	July	1276	1329	112		348
2021	July	1059	1073	472		168
2022	July	1324	1417	1501		224
2023	July	1431	1799	803		184
2024	July	1658	2331	687		880
5-Yr Avg	July	1456	1767	846		315

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
Chinook	737	39%	0%	463	36%	0%	1

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	151	25%
iRec Anglers	2245	34%

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

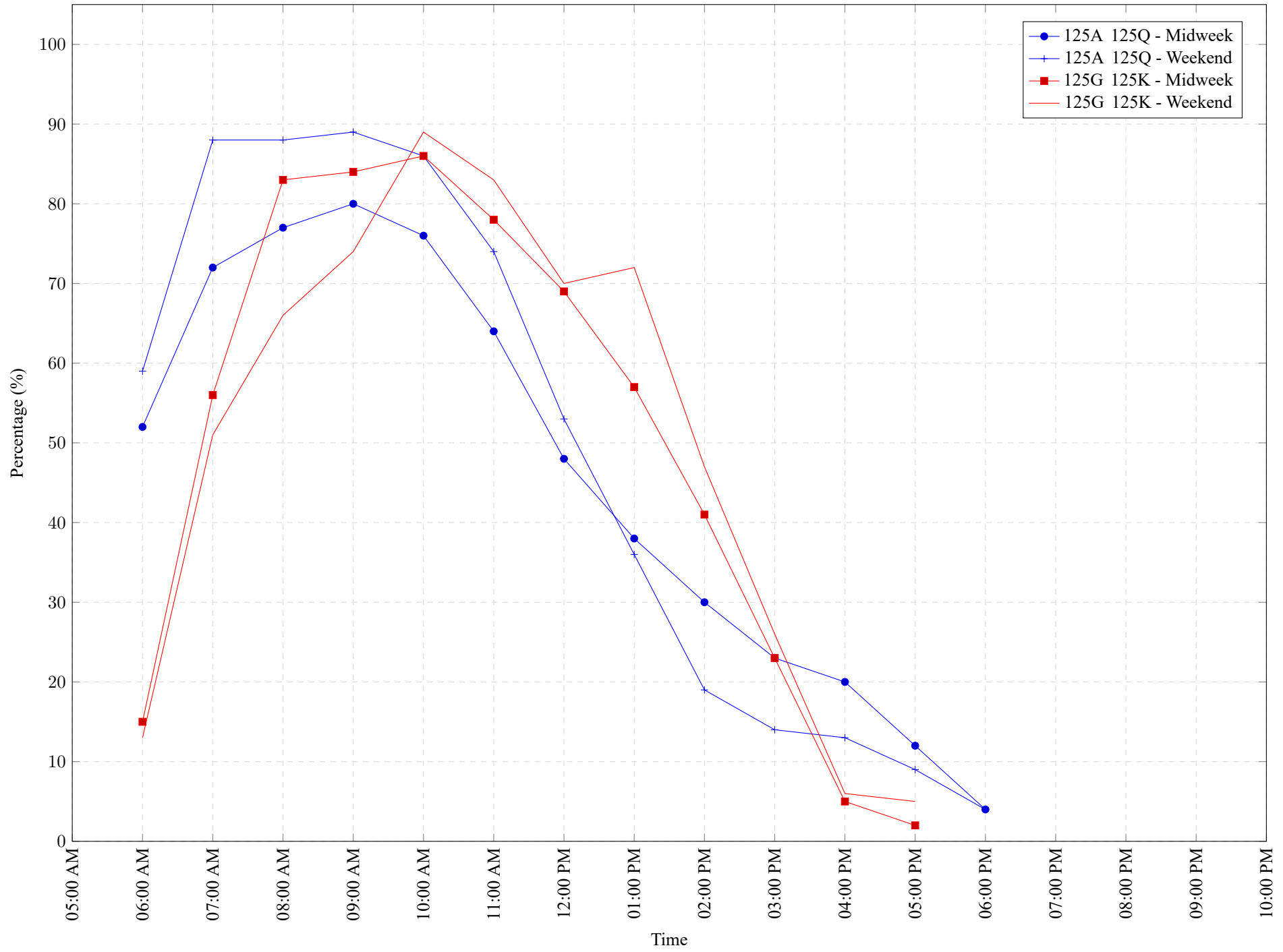


Table 7: Proportion of each day's fishing by hour.

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
125A	125Q	Midweek	52%	72%	77%	80%	76%	64%	48%	38%	30%	23%	20%	12%	4%	0%	0%	0%	0%
125A	125Q	Weekend	59%	88%	88%	89%	86%	74%	53%	36%	19%	14%	13%	9%	4%	0%	0%	0%	0%
125G	125K	Midweek	15%	56%	83%	84%	86%	78%	69%	57%	41%	23%	5%	2%	0%	0%	0%	0%	0%
125G	125K	Weekend	13%	51%	66%	74%	89%	83%	70%	72%	47%	26%	6%	5%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cougar Creek	Critter Cove	Moutcha Bay Resort	Westview Marina
28 Jun 2024	Midweek			calm/rippled	choppy
29 Jun 2024	Weekend			calm/rippled	
30 Jun 2024	Weekend			choppy	
01 Jul 2024	Weekend				
02 Jul 2024	Midweek	choppy			
03 Jul 2024	Midweek			choppy	choppy
04 Jul 2024	Midweek			choppy	
05 Jul 2024	Midweek	calm/rippled			
06 Jul 2024	Weekend	choppy			
07 Jul 2024	Weekend				
08 Jul 2024	Midweek				
09 Jul 2024	Midweek		calm/rippled	choppy	choppy
10 Jul 2024	Midweek		calm/rippled	choppy	frequent whitecaps
11 Jul 2024	Midweek		calm/rippled	calm/rippled	
12 Jul 2024	Midweek	frequent whitecaps		calm/rippled	
13 Jul 2024	Weekend	calm/rippled		calm/rippled	
14 Jul 2024	Weekend				
15 Jul 2024	Midweek		calm/rippled		
16 Jul 2024	Midweek			calm/rippled	choppy
17 Jul 2024	Midweek		calm/rippled	calm/rippled	choppy
18 Jul 2024	Midweek		calm/rippled	choppy	
19 Jul 2024	Midweek		calm/rippled		
20 Jul 2024	Weekend		calm/rippled	choppy	calm/rippled
21 Jul 2024	Weekend		calm/rippled		
22 Jul 2024	Midweek				
23 Jul 2024	Midweek			calm/rippled	
24 Jul 2024	Midweek				calm/rippled
25 Jul 2024	Midweek		calm/rippled	choppy	
26 Jul 2024	Midweek		calm/rippled		
27 Jul 2024	Weekend				calm/rippled
28 Jul 2024	Weekend		calm/rippled		
29 Jul 2024	Midweek			calm/rippled	choppy
30 Jul 2024	Midweek		calm/rippled		
31 Jul 2024	Midweek		calm/rippled	calm/rippled	calm/rippled
01 Aug 2024	Midweek		calm/rippled	choppy	calm/rippled
02 Aug 2024	Midweek		choppy	choppy	
03 Aug 2024	Weekend		calm/rippled	choppy	