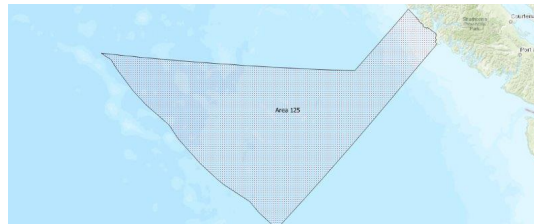


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 125 August 2022



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

		Cougar Creek			Critter Cove			Moutcha Bay Resort			Mucha-laht Marina	Westview Marina		Zeballos
Date	Day Type	AM	MD	PM	AM	MD	PM	AM	MD	PM	MD	MD	PM	MD
29 Jul 2022	Midweek					8			4					
30 Jul 2022	Weekend			2									4	
31 Jul 2022	Weekend								3			1		
01 Aug 2022	Weekend													
02 Aug 2022	Midweek		2									1		1
03 Aug 2022	Midweek													
04 Aug 2022	Midweek				1									
05 Aug 2022	Midweek													1
06 Aug 2022	Weekend						1							1
07 Aug 2022	Weekend									2			2	1
08 Aug 2022	Midweek												1	
09 Aug 2022	Midweek						2					1		2
10 Aug 2022	Midweek													
11 Aug 2022	Midweek							1						
12 Aug 2022	Midweek									2				
13 Aug 2022	Weekend													
14 Aug 2022	Weekend								1					
15 Aug 2022	Midweek										2			
16 Aug 2022	Midweek		2											
17 Aug 2022	Midweek					1							3	
18 Aug 2022	Midweek													
19 Aug 2022	Midweek												4	
20 Aug 2022	Weekend												6	
21 Aug 2022	Weekend						2							
22 Aug 2022	Midweek	1												
23 Aug 2022	Midweek									3		1		1
24 Aug 2022	Midweek								1					
25 Aug 2022	Midweek					2								
26 Aug 2022	Midweek												2	
27 Aug 2022	Weekend											1		
28 Aug 2022	Weekend													
29 Aug 2022	Midweek													
30 Aug 2022	Midweek					4								
31 Aug 2022	Midweek													
01 Sep 2022	Midweek													
02 Sep 2022	Midweek											2		
03 Sep 2022	Weekend													

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-2022	Friday	calm/rippled	12	12	16		4	50	0910	64
30-Jul-2022	Saturday	calm/rippled	6	1	2		1	38	0822	51
31-Jul-2022	Sunday	calm/rippled	4	4	11					
01-Aug-2022	Monday (B.C. Day)		0							
02-Aug-2022	Tuesday	choppy	4	2			1			
03-Aug-2022	Wednesday		0							
04-Aug-2022	Thursday	calm/rippled	1							
05-Aug-2022	Friday	calm/rippled	1		5			28	0820	35
06-Aug-2022	Saturday	calm/rippled	3	4			6			
07-Aug-2022	Sunday	calm/rippled	5		1		6	22	0814	31
08-Aug-2022	Monday	calm/rippled	1	2	3					
09-Aug-2022	Tuesday	calm/rippled	5	3	1		14			
10-Aug-2022	Wednesday		0							
11-Aug-2022	Thursday	calm/rippled	1					2	1157	3
12-Aug-2022	Friday	choppy	2	1						
13-Aug-2022	Saturday		0							
14-Aug-2022	Sunday	calm/rippled	2				7	10	0900	13
15-Aug-2022	Monday	calm/rippled	2	3	5					
16-Aug-2022	Tuesday	calm/rippled	3		2		15			
17-Aug-2022	Wednesday	calm/rippled	4	1	2					
18-Aug-2022	Thursday		0							
19-Aug-2022	Friday	calm/rippled	4				3	7	0902	10
20-Aug-2022	Saturday	calm/rippled	6				15			
21-Aug-2022	Sunday	calm/rippled	2				1			
22-Aug-2022	Monday	calm/rippled	2	2			1			
23-Aug-2022	Tuesday	calm/rippled	5	3			9			
24-Aug-2022	Wednesday	choppy	2	6			3			
25-Aug-2022	Thursday	calm/rippled	2	12			2	6	0858	9
26-Aug-2022	Friday	calm/rippled	2				3			
27-Aug-2022	Saturday	calm/rippled	1					1	0914	1
28-Aug-2022	Sunday		0							
29-Aug-2022	Monday		0							
30-Aug-2022	Tuesday	calm/rippled	4	15	1					
31-Aug-2022	Wednesday		0					9	0907	12
01-Sep-2022	Thursday		0							
02-Sep-2022	Friday	calm/rippled	2							
03-Sep-2022	Saturday		0					2	0909	2
	Totals	calm/rippled	45	50	19		51	10*		14*
	Totals	calm/rippled	19	4	1		35	11*		15*

* 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	15	9	135	0.211	0.053		1.842	28	7		249
Midweek	14	22	308	1.111	0.422		1.133	342	130		349

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	August	1267	1801	375		758
2018	August	503	418	226		125
2019	August	561	515	170		142
2020	August	370	159	5		101
2021	August	332	285	118	4	243
2022	August	445	321	241		428
5-Yr Avg	August	607	636	179	4	274

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
Coho	97	40%	23%	283	44%	8%	22
Chinook	66	27%	24%	257	30%	6%	16

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	59	25%
iRec Anglers	1957	52%

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

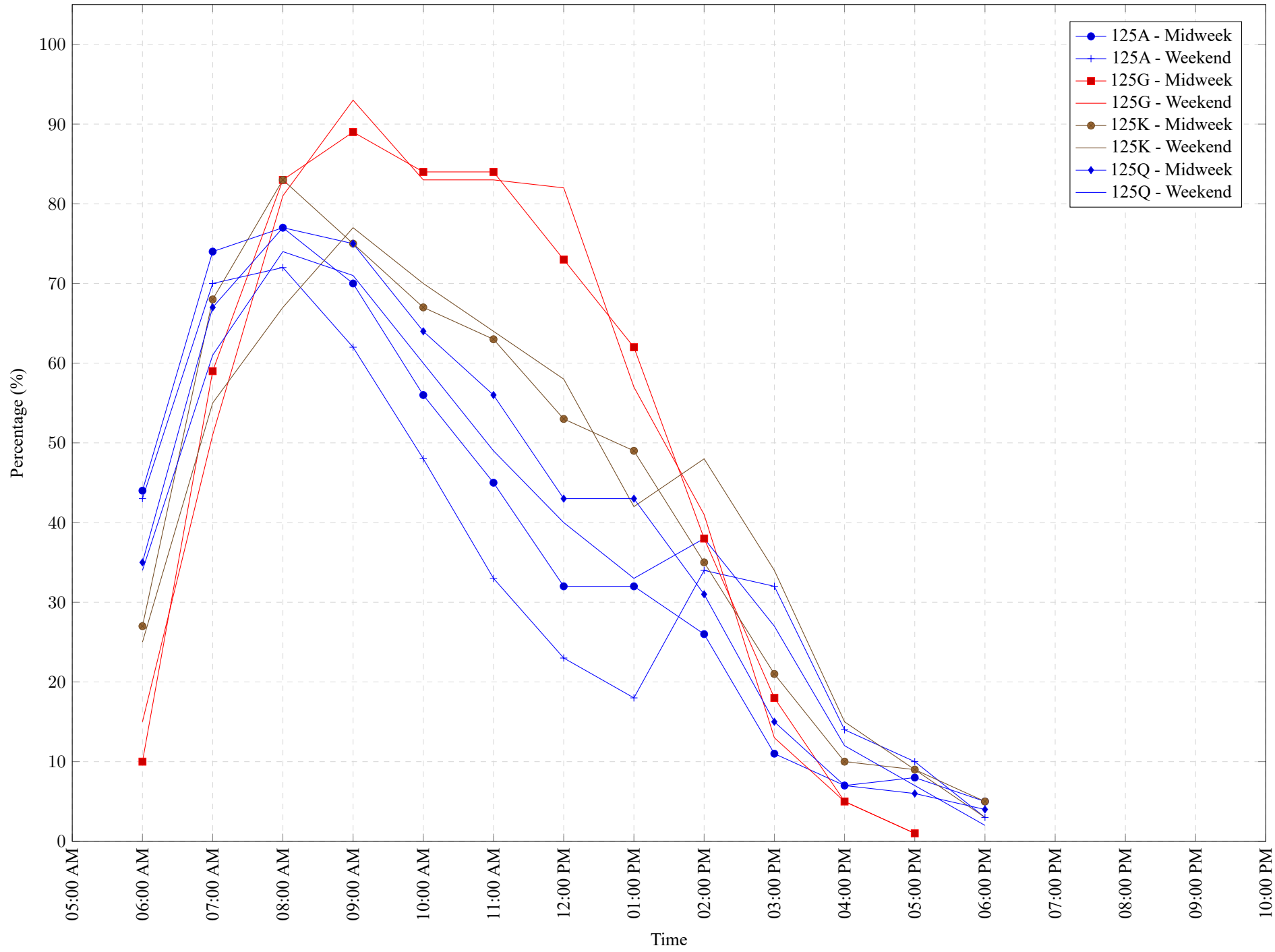


Table 7: Proportion of each day's fishing by hour.

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	Midweek	44%	74%	77%	70%	56%	45%	32%	32%	26%	11%	7%	8%	5%	0%	0%	0%	0%
125A	Weekend	43%	70%	72%	62%	48%	33%	23%	18%	34%	32%	14%	10%	3%	0%	0%	0%	0%
125G	Midweek	10%	59%	83%	89%	84%	84%	73%	62%	38%	18%	5%	1%	0%	0%	0%	0%	0%
125G	Weekend	15%	51%	81%	93%	83%	83%	82%	57%	41%	13%	5%	1%	0%	0%	0%	0%	0%
125K	Midweek	27%	68%	83%	75%	67%	63%	53%	49%	35%	21%	10%	9%	5%	0%	0%	0%	0%
125K	Weekend	25%	55%	67%	77%	70%	64%	58%	42%	48%	34%	15%	9%	3%	0%	0%	0%	0%
125Q	Midweek	35%	67%	77%	75%	64%	56%	43%	43%	31%	15%	7%	6%	4%	0%	0%	0%	0%
125Q	Weekend	34%	61%	74%	71%	60%	49%	40%	33%	38%	27%	12%	7%	2%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cougar Creek	Critter Cove	Moutcha Bay Resort	Muchalaht Marina	Westview Marina	Zeballos
29 Jul 2022	Midweek		calm/rippled	calm/rippled			
30 Jul 2022	Weekend	choppy				calm/rippled	
31 Jul 2022	Weekend			calm/rippled		calm/rippled	
01 Aug 2022	Weekend						
02 Aug 2022	Midweek	frequent whitecaps				calm/rippled	calm/rippled
03 Aug 2022	Midweek						
04 Aug 2022	Midweek		calm/rippled				
05 Aug 2022	Midweek						calm/rippled
06 Aug 2022	Weekend		calm/rippled				calm/rippled
07 Aug 2022	Weekend			calm/rippled		calm/rippled	calm/rippled
08 Aug 2022	Midweek					calm/rippled	
09 Aug 2022	Midweek		calm/rippled			calm/rippled	calm/rippled
10 Aug 2022	Midweek						
11 Aug 2022	Midweek			calm/rippled			
12 Aug 2022	Midweek			choppy			
13 Aug 2022	Weekend						
14 Aug 2022	Weekend			calm/rippled			
15 Aug 2022	Midweek				calm/rippled		
16 Aug 2022	Midweek	calm/rippled					
17 Aug 2022	Midweek		calm/rippled			calm/rippled	
18 Aug 2022	Midweek						
19 Aug 2022	Midweek					calm/rippled	
20 Aug 2022	Weekend					calm/rippled	
21 Aug 2022	Weekend		calm/rippled				
22 Aug 2022	Midweek	calm/rippled					
23 Aug 2022	Midweek			choppy		calm/rippled	calm/rippled
24 Aug 2022	Midweek			choppy			
25 Aug 2022	Midweek		calm/rippled				
26 Aug 2022	Midweek					calm/rippled	
27 Aug 2022	Weekend					calm/rippled	
28 Aug 2022	Weekend						
29 Aug 2022	Midweek						
30 Aug 2022	Midweek		calm/rippled				
31 Aug 2022	Midweek						
01 Sep 2022	Midweek						
02 Sep 2022	Midweek					calm/rippled	
03 Sep 2022	Weekend						