

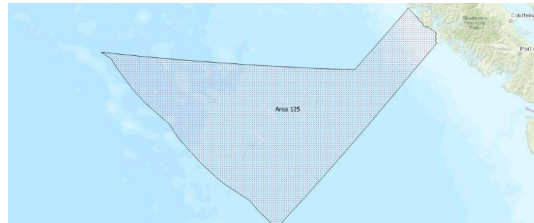
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 125 June 2023



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*Prepared By:*

South Coast Salmon Stock Assessment Section

Saturday 10<sup>th</sup> February, 2024



Fisheries and Oceans  
Canada

Pêches et Océans  
Canada

**your  
catch  
counts**

The logo graphic for 'your catch counts' features a stylized blue silhouette of a person holding a fishing rod, with a fish jumping out of the water next to them. The text 'your catch counts' is written in a bold, blue, sans-serif font, with 'your' on the first line, 'catch' on the second, and 'counts' on the third.

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

Date	Day Type	Cougar Creek			Moutcha Bay Resort			Westview Marina		Zeballos
		AM	MD	PM	AM	MD	PM	MD	PM	MD
29 May 2023	Midweek									
30 May 2023	Midweek									
31 May 2023	Midweek									
01 Jun 2023	Midweek									2
02 Jun 2023	Midweek									2
03 Jun 2023	Weekend									2
04 Jun 2023	Weekend									
05 Jun 2023	Midweek									
06 Jun 2023	Midweek		3							
07 Jun 2023	Midweek									
08 Jun 2023	Midweek							1		
09 Jun 2023	Midweek		1							
10 Jun 2023	Weekend	1						1		
11 Jun 2023	Weekend							1		
12 Jun 2023	Midweek									
13 Jun 2023	Midweek		2							
14 Jun 2023	Midweek									
15 Jun 2023	Midweek								2	
16 Jun 2023	Midweek									2
17 Jun 2023	Weekend									1
18 Jun 2023	Weekend									
19 Jun 2023	Midweek						1			
20 Jun 2023	Midweek		3							
21 Jun 2023	Midweek					5		3		
22 Jun 2023	Midweek		9						1	
23 Jun 2023	Midweek							2		
24 Jun 2023	Weekend					4				
25 Jun 2023	Weekend					9				
26 Jun 2023	Midweek									
27 Jun 2023	Midweek						2			
28 Jun 2023	Midweek			2						
29 Jun 2023	Midweek		5					2		
30 Jun 2023	Midweek				1			2		
01 Jul 2023	Weekend							6		
02 Jul 2023	Weekend								2	
03 Jul 2023	Weekend	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
29-May-2023	Monday		0							
30-May-2023	Tuesday		0							
31-May-2023	Wednesday		0							
01-Jun-2023	Thursday	calm/rippled	2				1			
02-Jun-2023	Friday	calm/rippled	2				2			
03-Jun-2023	Saturday	calm/rippled	2	2			12	9	0828	9
04-Jun-2023	Sunday		0							
05-Jun-2023	Monday		0							
06-Jun-2023	Tuesday	calm/rippled	3				1	9	0817	10
07-Jun-2023	Wednesday		0					0	1005	0
08-Jun-2023	Thursday	frequent whitecaps	1				1			
09-Jun-2023	Friday	choppy	1							
10-Jun-2023	Saturday	choppy	2				1	15	0816	16
11-Jun-2023	Sunday	choppy	1							
12-Jun-2023	Monday		0					2	0728	3
13-Jun-2023	Tuesday	frequent whitecaps	2	1						
14-Jun-2023	Wednesday		0							
15-Jun-2023	Thursday	choppy	2				8			
16-Jun-2023	Friday	calm/rippled	2							
17-Jun-2023	Saturday	calm/rippled	1					18	0912	19
18-Jun-2023	Sunday		0							
19-Jun-2023	Monday	frequent whitecaps	1	3						
20-Jun-2023	Tuesday	choppy	3	2			1			
21-Jun-2023	Wednesday	choppy	8	12	4		15			
22-Jun-2023	Thursday	choppy	10	10	8		1			
23-Jun-2023	Friday	calm/rippled	2	5	5			101	0817	115
24-Jun-2023	Saturday	choppy	4	17	3		1	97	0820	107
25-Jun-2023	Sunday	calm/rippled	9	32	6					
26-Jun-2023	Monday		0							
27-Jun-2023	Tuesday	choppy	2	3			3			
28-Jun-2023	Wednesday	choppy	2	6						
29-Jun-2023	Thursday	calm/rippled	7	10	1		3			
30-Jun-2023	Friday	choppy	3	1	1			50	0811	57
01-Jul-2023	Saturday	choppy	6	8			7	62	0813	69
02-Jul-2023	Sunday	choppy	2	4						
03-Jul-2023	Monday (Canada Day)	calm/rippled	4							
	Totals	choppy	53	53	19		36	32*		37*
	Totals	choppy	19	51	9		14	35*		38*

\* 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	38	8	304	2.684	0.474		0.737	816	144		224
Midweek	37	22	814	1	0.358		0.679	814	291		553

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	June	617	658	255		309
2019	June	780	519	96		106
2020	June	182	98	5		110
2021	June	671	985	545		195
2022	June	523	834	484	0	291
2023	June	1538	2646	847		653
5-Yr Avg	June	555	619	277	0	202

**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	241	28%	10%	98	56%	23%	23
Chinook	1074	41%	7%	157	24%	48%	76

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	72	33%
iRec Anglers	1253	30%

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

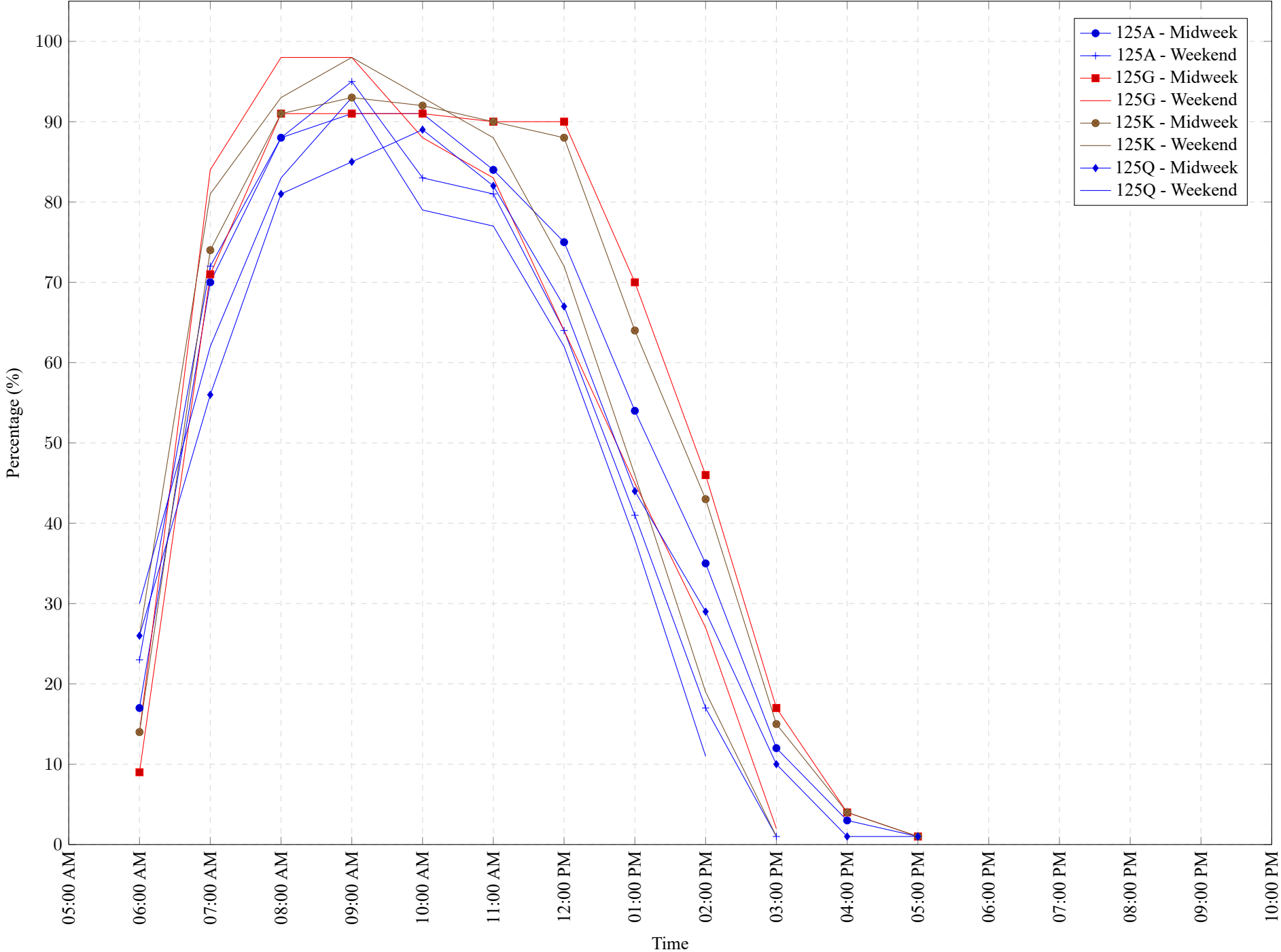


Table 7: Proportion of each day's fishing by hour.

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	17%	70%	88%	91%	91%	84%	75%	54%	35%	12%	3%	1%	0%	0%	0%	0%	0%
125A	Weekend	23%	72%	88%	95%	83%	81%	64%	41%	17%	1%	0%	0%	0%	0%	0%	0%	0%
125G	Midweek	9%	71%	91%	91%	91%	90%	90%	70%	46%	17%	4%	1%	0%	0%	0%	0%	0%
125G	Weekend	14%	84%	98%	98%	88%	83%	64%	45%	27%	2%	0%	0%	0%	0%	0%	0%	0%
125K	Midweek	14%	74%	91%	93%	92%	90%	88%	64%	43%	15%	4%	1%	0%	0%	0%	0%	0%
125K	Weekend	26%	81%	93%	98%	93%	88%	72%	46%	19%	1%	0%	0%	0%	0%	0%	0%	0%
125Q	Midweek	26%	56%	81%	85%	89%	82%	67%	44%	29%	10%	1%	1%	0%	0%	0%	0%	0%
125Q	Weekend	30%	62%	83%	93%	79%	77%	62%	38%	11%	0%	0%	0%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Cougar Creek	Moutcha Bay Resort	Westview Marina	Zeballos
29 May 2023	Midweek				
30 May 2023	Midweek				
31 May 2023	Midweek				
01 Jun 2023	Midweek				calm/rippled
02 Jun 2023	Midweek				calm/rippled
03 Jun 2023	Weekend				calm/rippled
04 Jun 2023	Weekend				
05 Jun 2023	Midweek				
06 Jun 2023	Midweek	calm/rippled			
07 Jun 2023	Midweek				
08 Jun 2023	Midweek			frequent whitecaps	
09 Jun 2023	Midweek	choppy			
10 Jun 2023	Weekend	choppy		choppy	
11 Jun 2023	Weekend			choppy	
12 Jun 2023	Midweek				
13 Jun 2023	Midweek	frequent whitecaps			
14 Jun 2023	Midweek				
15 Jun 2023	Midweek			choppy	
16 Jun 2023	Midweek				calm/rippled
17 Jun 2023	Weekend				calm/rippled
18 Jun 2023	Weekend				
19 Jun 2023	Midweek		frequent whitecaps		
20 Jun 2023	Midweek	choppy			
21 Jun 2023	Midweek		choppy	calm/rippled	
22 Jun 2023	Midweek	choppy		calm/rippled	
23 Jun 2023	Midweek			calm/rippled	
24 Jun 2023	Weekend		choppy		
25 Jun 2023	Weekend		calm/rippled		
26 Jun 2023	Midweek				
27 Jun 2023	Midweek		choppy		
28 Jun 2023	Midweek	choppy			
29 Jun 2023	Midweek	choppy		calm/rippled	
30 Jun 2023	Midweek		calm/rippled	frequent whitecaps	
01 Jul 2023	Weekend			choppy	
02 Jul 2023	Weekend			choppy	
03 Jul 2023	Weekend	calm/rippled			