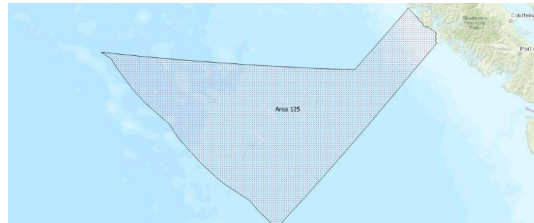


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 125 June 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.

Date	Day Type	Cougar Creek			Crittter Cove		Moutcha Bay Resort			Westview Marina		Zeballos
		AM	MD	PM	MD	PM	AM	MD	PM	MD	PM	MD
29 May 2022	Weekend											
30 May 2022	Midweek											
31 May 2022	Midweek											
01 Jun 2022	Midweek									2		
02 Jun 2022	Midweek							2				
03 Jun 2022	Midweek											
04 Jun 2022	Weekend											
05 Jun 2022	Weekend											
06 Jun 2022	Midweek											
07 Jun 2022	Midweek											
08 Jun 2022	Midweek									1		
09 Jun 2022	Midweek											
10 Jun 2022	Midweek									1		2
11 Jun 2022	Weekend											
12 Jun 2022	Weekend								3		2	
13 Jun 2022	Midweek		1									
14 Jun 2022	Midweek							1				1
15 Jun 2022	Midweek											
16 Jun 2022	Midweek									3		
17 Jun 2022	Midweek										1	4
18 Jun 2022	Weekend							2				2
19 Jun 2022	Weekend				5							3
20 Jun 2022	Midweek					4	2					
21 Jun 2022	Midweek		1							2		
22 Jun 2022	Midweek											
23 Jun 2022	Midweek											1
24 Jun 2022	Midweek				9			8				
25 Jun 2022	Weekend				11			17				
26 Jun 2022	Weekend							14				
27 Jun 2022	Midweek		1							1		1
28 Jun 2022	Midweek							2				
29 Jun 2022	Midweek			1		7				4		
30 Jun 2022	Midweek				1							
01 Jul 2022	Weekend					7						
02 Jul 2022	Weekend	2								3		
03 Jul 2022	Weekend							2			9	

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-2022	Sunday		0							
30-May-2022	Monday		0							
31-May-2022	Tuesday		0							
01-Jun-2022	Wednesday	calm/rippled	2				5			
02-Jun-2022	Thursday	calm/rippled	2				3			
03-Jun-2022	Friday		0							
04-Jun-2022	Saturday		0					5	0800	6
05-Jun-2022	Sunday		0							
06-Jun-2022	Monday		0							
07-Jun-2022	Tuesday		0							
08-Jun-2022	Wednesday	choppy	1							
09-Jun-2022	Thursday		0							
10-Jun-2022	Friday	calm/rippled	3				2	2	0826	3
11-Jun-2022	Saturday		0							
12-Jun-2022	Sunday	calm/rippled	5	4	10		7	11	0755	17
13-Jun-2022	Monday	calm/rippled	1		3					
14-Jun-2022	Tuesday	choppy	2	2						
15-Jun-2022	Wednesday		0							
16-Jun-2022	Thursday	calm/rippled	3				4			
17-Jun-2022	Friday	calm/rippled	5	3	2		12	12	0819	16
18-Jun-2022	Saturday	calm/rippled	4	14	1					
19-Jun-2022	Sunday	calm/rippled	8	19	1		9	26	0812	33
20-Jun-2022	Monday	choppy	6	6	1		4			
21-Jun-2022	Tuesday	choppy	4	9	4		2			
22-Jun-2022	Wednesday		0							
23-Jun-2022	Thursday	calm/rippled	1	3	4			15	0829	19
24-Jun-2022	Friday	choppy	17	37	29		3			
25-Jun-2022	Saturday	calm/rippled	28	84	46		3	52	0813	66
26-Jun-2022	Sunday	calm/rippled	14	35	33		3			
27-Jun-2022	Monday	calm/rippled	3	13	3					
28-Jun-2022	Tuesday	calm/rippled	2	1						
29-Jun-2022	Wednesday	calm/rippled	13	13	12		14			
30-Jun-2022	Thursday	calm/rippled	1		3					
01-Jul-2022	Friday (Canada Day)	choppy	7	5	15			31	0815	40
02-Jul-2022	Saturday	choppy	5	3	3		1			
03-Jul-2022	Sunday	calm/rippled	11	3			2	26	0843	33
	Totals	calm/rippled	66	87	61		49	10*		13*
	Totals	calm/rippled	59	156	91		22	24*		31*

* 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	31	8	248	2.644	1.542		0.373	656	382		93
Midweek	13	22	286	1.318	0.924		0.742	377	264		212

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	June	512	669	70		228
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
5-Yr Avg	June	552	586	194		190

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	173	39%	14%	145	56%	17%	24
Chinook	188	23%	29%	99	26%	55%	54

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	123	24%
iRec Anglers	590	49%

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

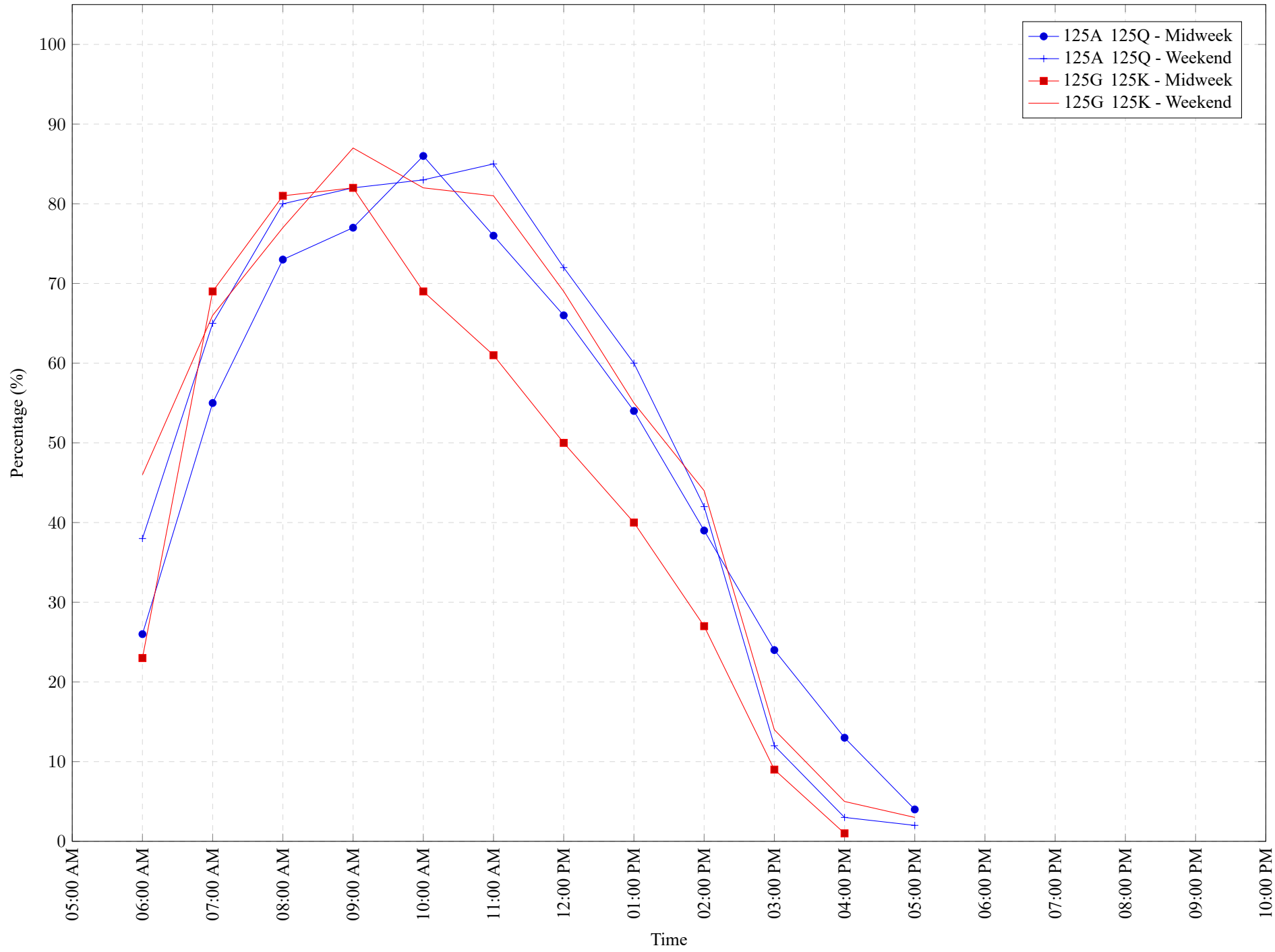


Table 7: Proportion of each day's fishing by hour.

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	26%	55%	73%	77%	86%	76%	66%	54%	39%	24%	13%	4%	0%	0%	0%	0%	0%
125A	125Q	Weekend	38%	65%	80%	82%	83%	85%	72%	60%	42%	12%	3%	2%	0%	0%	0%	0%	0%
125G	125K	Midweek	23%	69%	81%	82%	69%	61%	50%	40%	27%	9%	1%	0%	0%	0%	0%	0%	0%
125G	125K	Weekend	46%	66%	77%	87%	82%	81%	69%	55%	44%	14%	5%	3%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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