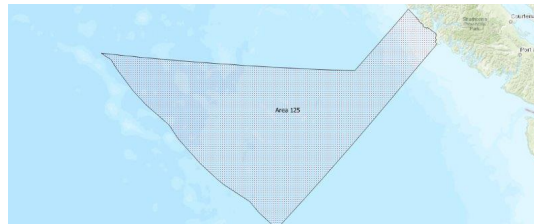


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 125 July 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	AM	MD	PM	AM	MD	PM	AM	MD	PM	MD
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	
04 Jul 2022	Midweek								2					
05 Jul 2022	Midweek					3						5		
06 Jul 2022	Midweek						4							
07 Jul 2022	Midweek						1							
08 Jul 2022	Midweek	5										1		1
09 Jul 2022	Weekend									12		2		2
10 Jul 2022	Weekend		2			3						1		
11 Jul 2022	Midweek					3			3				1	
12 Jul 2022	Midweek		1				1							
13 Jul 2022	Midweek	1												
14 Jul 2022	Midweek											2		
15 Jul 2022	Midweek						1						1	
16 Jul 2022	Weekend											10		
17 Jul 2022	Weekend													3
18 Jul 2022	Midweek													
19 Jul 2022	Midweek					4				1		5		
20 Jul 2022	Midweek						6					2		
21 Jul 2022	Midweek											1		
22 Jul 2022	Midweek													
23 Jul 2022	Weekend						10							
24 Jul 2022	Weekend					3								
25 Jul 2022	Midweek									6		1		
26 Jul 2022	Midweek	4									1			
27 Jul 2022	Midweek							7						
28 Jul 2022	Midweek													
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													

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-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	38
02-Jul-2022	Saturday	choppy	5	3	3		1			
03-Jul-2022	Sunday	calm/rippled	11	3			2	26	0843	32
04-Jul-2022	Monday	choppy	4	7	2		2			
05-Jul-2022	Tuesday	calm/rippled	8	6	2					
06-Jul-2022	Wednesday	calm/rippled	4	4	2		1	4	1023	6
07-Jul-2022	Thursday	calm/rippled	3	1	1		1	34	0854	44
08-Jul-2022	Friday	calm/rippled	8	7	3		3			
09-Jul-2022	Saturday	calm/rippled	16	24	2		7	48	0812	59
10-Jul-2022	Sunday	calm/rippled	6	9	4					
11-Jul-2022	Monday	choppy	8	2	1		3	13	0809	17
12-Jul-2022	Tuesday	calm/rippled	3	6	8					
13-Jul-2022	Wednesday	calm/rippled	2				6	7	1022	9
14-Jul-2022	Thursday	calm/rippled	3				2			
15-Jul-2022	Friday	choppy	2	2	1					
16-Jul-2022	Saturday	calm/rippled	10	3			19	61	0813	75
17-Jul-2022	Sunday	calm/rippled	3	3	2					
18-Jul-2022	Monday		1				1			
19-Jul-2022	Tuesday	calm/rippled	10	3	14		1	23	0814	31
20-Jul-2022	Wednesday	calm/rippled	8	5	8					
21-Jul-2022	Thursday	calm/rippled	1							
22-Jul-2022	Friday		0							
23-Jul-2022	Saturday	calm/rippled	11	25	15		2	21	0800	27
24-Jul-2022	Sunday	calm/rippled	3	3	2					
25-Jul-2022	Monday	calm/rippled	7	8	24					
26-Jul-2022	Tuesday	calm/rippled	6		1		3			
27-Jul-2022	Wednesday	calm/rippled	7	19	28					
28-Jul-2022	Thursday		1				5			
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	46
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							
	Totals	calm/rippled	98	82	111		32	22*		29*
	Totals	calm/rippled	82	83	56		32	38*		46*

* 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	29	20	580	0.837	1.133		0.327	485	657		190
Weekend	46	11	506	1.012	0.683		0.39	512	346		197

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	July	2246	2996	133		1114
2018	July	1743	1555	1070		1047
2019	July	2135	3203	2100		637
2020	July	1276	1329	112		348
2021	July	1059	1073	472		168
2022	July	1324	1417	1501		224
5-Yr Avg	July	1692	2031	777		663

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	403	31%	7%	706	56%	4%	30
Chinook	302	23%	14%	441	41%	9%	41

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	167	26%
iRec Anglers	2239	38%

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

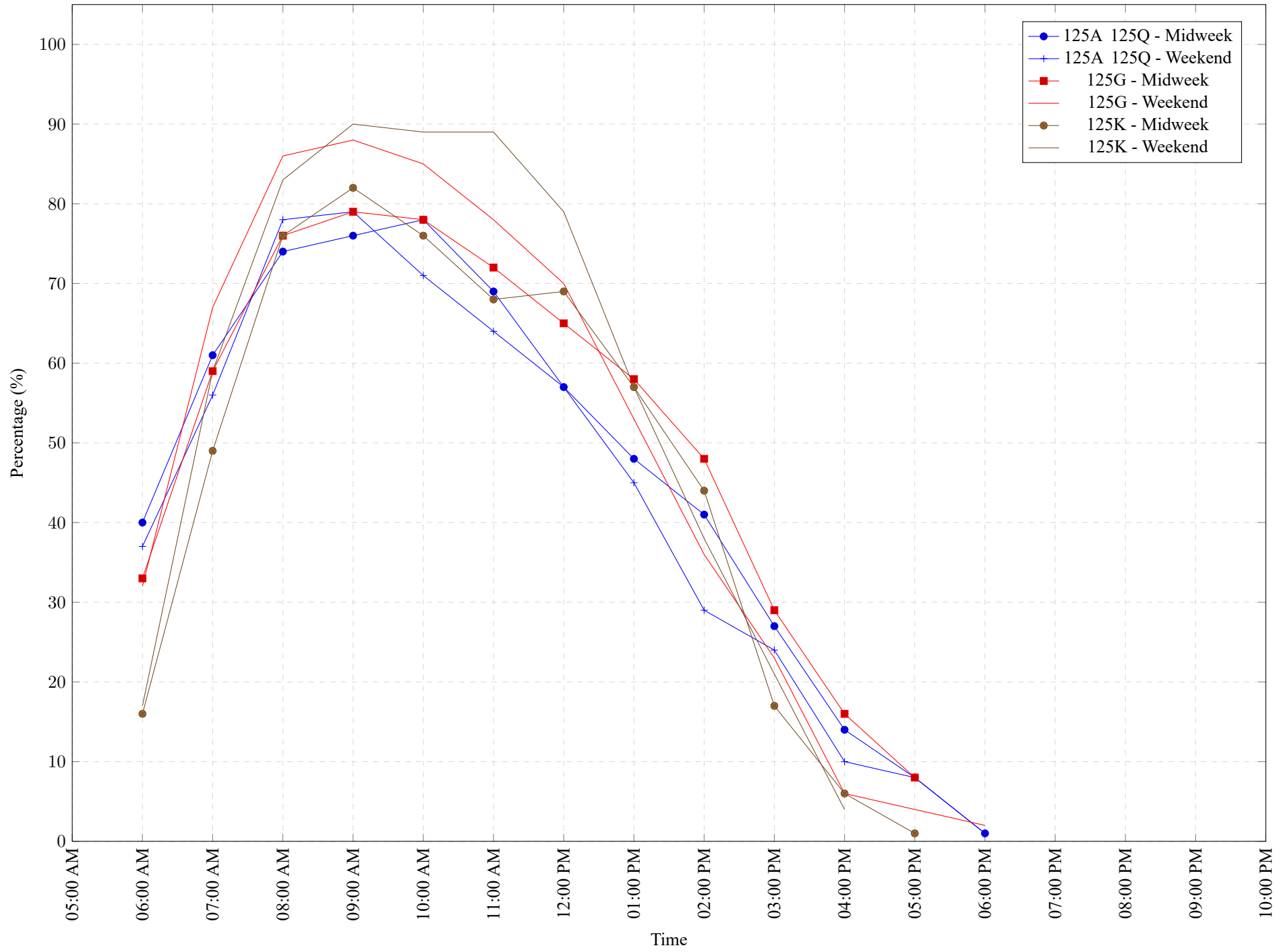


Table 7: Proportion of each day's fishing by hour.

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	40%	61%	74%	76%	78%	69%	57%	48%	41%	27%	14%	8%	1%	0%	0%	0%	0%
125A	125Q	Weekend	37%	56%	78%	79%	71%	64%	57%	45%	29%	24%	10%	8%	1%	0%	0%	0%	0%
125G		Midweek	33%	59%	76%	79%	78%	72%	65%	58%	48%	29%	16%	8%	0%	0%	0%	0%	0%
125G		Weekend	32%	67%	86%	88%	85%	78%	70%	53%	36%	23%	6%	4%	2%	0%	0%	0%	0%
125K		Midweek	16%	49%	76%	82%	76%	68%	69%	57%	44%	17%	6%	1%	0%	0%	0%	0%	0%
125K		Weekend	17%	59%	83%	90%	89%	89%	79%	57%	38%	21%	4%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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