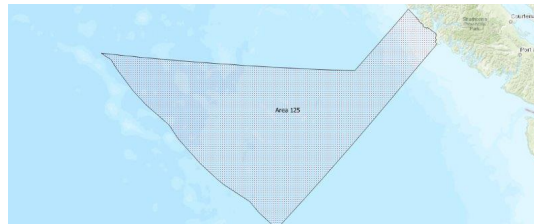


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 125 July 2021



Prepared By:
South Coast Salmon Stock Assessment Section

Sunday 6th February, 2022



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	
		AM	MD	PM	AM	MD	PM	MD	PM	MD	PM
28 Jun 2021	Midweek										
29 Jun 2021	Midweek										
30 Jun 2021	Midweek	2									
01 Jul 2021	Weekend								1		
02 Jul 2021	Midweek	1									
03 Jul 2021	Weekend										
04 Jul 2021	Weekend									2	
05 Jul 2021	Midweek										
06 Jul 2021	Midweek					1					
07 Jul 2021	Midweek										
08 Jul 2021	Midweek	2									
09 Jul 2021	Midweek								3	2	
10 Jul 2021	Weekend		2				1			1	
11 Jul 2021	Weekend							1			2
12 Jul 2021	Midweek										
13 Jul 2021	Midweek	1									
14 Jul 2021	Midweek										
15 Jul 2021	Midweek									1	
16 Jul 2021	Midweek						2			1	
17 Jul 2021	Weekend					4					
18 Jul 2021	Weekend			2	1						
19 Jul 2021	Midweek						2		7		3
20 Jul 2021	Midweek		4							1	
21 Jul 2021	Midweek		4							3	
22 Jul 2021	Midweek								11		2
23 Jul 2021	Midweek		2								
24 Jul 2021	Weekend										
25 Jul 2021	Weekend					3				2	
26 Jul 2021	Midweek						3				
27 Jul 2021	Midweek					5				2	
28 Jul 2021	Midweek		1				1				2
29 Jul 2021	Midweek							2			
30 Jul 2021	Midweek										
31 Jul 2021	Weekend					1					
01 Aug 2021	Weekend							1			
02 Aug 2021	Weekend										2
03 Aug 2021	Midweek									1	

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-2021	Monday		0							
29-Jun-2021	Tuesday		0					1	0809	1
30-Jun-2021	Wednesday	choppy	2							
01-Jul-2021	Thursday (Canada Day)	frequent whitecaps	1							
02-Jul-2021	Friday	choppy	1							
03-Jul-2021	Saturday		0					2	0809	3
04-Jul-2021	Sunday	choppy	2				5	0	1004	0
05-Jul-2021	Monday		0							
06-Jul-2021	Tuesday	choppy	1				1			
07-Jul-2021	Wednesday		0							
08-Jul-2021	Thursday	choppy	2					2	0759	3
09-Jul-2021	Friday	choppy	6				12			
10-Jul-2021	Saturday	choppy	4							
11-Jul-2021	Sunday	choppy	3							
12-Jul-2021	Monday		0							
13-Jul-2021	Tuesday	choppy	1					3	0817	4
14-Jul-2021	Wednesday		1	4			1			
15-Jul-2021	Thursday	choppy	1		3		5			
16-Jul-2021	Friday	choppy	3	4	2		2			
17-Jul-2021	Saturday	choppy	4	6			2	9	0838	12
18-Jul-2021	Sunday	choppy	3	5	2					
19-Jul-2021	Monday	choppy	12	5	9		9	29	0830	37
20-Jul-2021	Tuesday	choppy	5	5						
21-Jul-2021	Wednesday	choppy	7	8	5		4			
22-Jul-2021	Thursday	choppy	13	24	14		9			
23-Jul-2021	Friday	calm/rippled	2	1	1					
24-Jul-2021	Saturday		0					27	0803	44
25-Jul-2021	Sunday	choppy	5	7			3			
26-Jul-2021	Monday	choppy	3	5	2		1			
27-Jul-2021	Tuesday	calm/rippled	7	4	2		7			
28-Jul-2021	Wednesday	choppy	4	1	2		4			
29-Jul-2021	Thursday	choppy	2				1	0	0749	0
30-Jul-2021	Friday		0							
31-Jul-2021	Saturday	choppy	1				1			
01-Aug-2021	Sunday	frequent whitecaps	1	1				4	0814	5
02-Aug-2021	Monday (B.C. Day)	calm/rippled	2							
03-Aug-2021	Tuesday	choppy	1					3	0816	4
	Totals	choppy	71	61	40		56	9*		11*
	Totals	choppy	23	18	2		11	10*		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
Midweek	11	21	231	0.859	0.563		0.789	198	130		182
Weekend	15	10	150	0.783	0.087		0.478	117	13		72

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	July	1249	1940	315		372
2017	July	1551	1968	111		1014
2018	July	1125	986	447		1031
2019	July	594	478	95		595
2020	July	356	135	9		302
2021	July	371	367	165		142
5-Yr Avg	July	975	1101	195		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	99	60%	68%	508	77%	13%	67
Chinook	132	36%	43%	241	22%	24%	57

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	92	13%
iRec Anglers	2206	33%

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

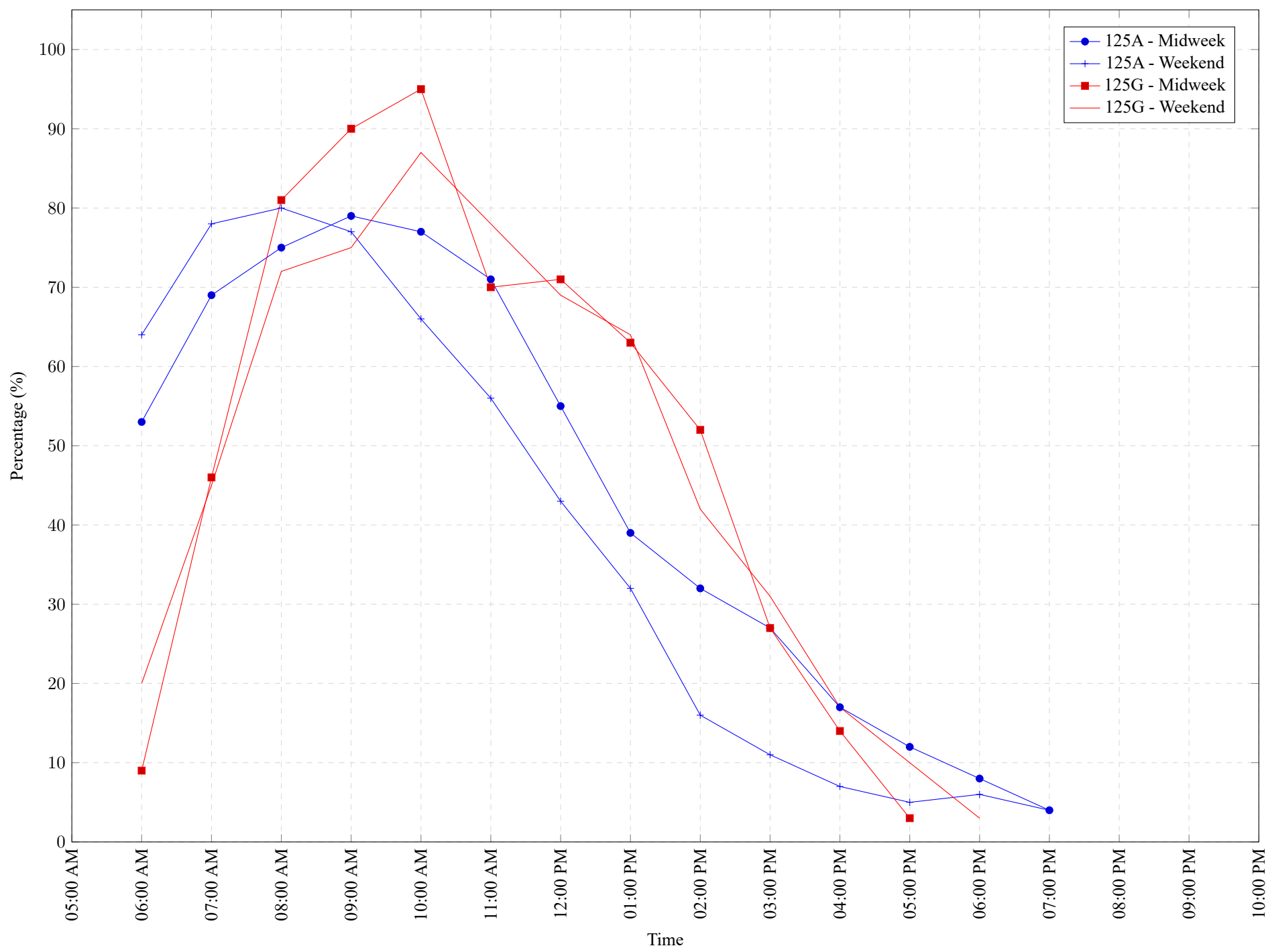


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
125A	Midweek	53%	69%	75%	79%	77%	71%	55%	39%	32%	27%	17%	12%	8%	4%	0%	0%	0%
125A	Weekend	64%	78%	80%	77%	66%	56%	43%	32%	16%	11%	7%	5%	6%	4%	0%	0%	0%
125G	Midweek	9%	46%	81%	90%	95%	70%	71%	63%	52%	27%	14%	3%	0%	0%	0%	0%	0%
125G	Weekend	20%	45%	72%	75%	87%	78%	69%	64%	42%	31%	17%	10%	3%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cougar Creek	Critter Cove	Moutcha Bay Resort	Westview Marina
28 Jun 2021	Midweek	choppy			
29 Jun 2021	Midweek				
30 Jun 2021	Midweek				
01 Jul 2021	Weekend			frequent whitecaps	
02 Jul 2021	Midweek	choppy			
03 Jul 2021	Weekend				
04 Jul 2021	Weekend				choppy
05 Jul 2021	Midweek				
06 Jul 2021	Midweek			choppy	
07 Jul 2021	Midweek				
08 Jul 2021	Midweek	choppy			
09 Jul 2021	Midweek			frequent whitecaps	calm/rippled
10 Jul 2021	Weekend	frequent whitecaps	choppy		choppy
11 Jul 2021	Weekend			frequent whitecaps	choppy
12 Jul 2021	Midweek				
13 Jul 2021	Midweek	choppy			
14 Jul 2021	Midweek				
15 Jul 2021	Midweek				choppy
16 Jul 2021	Midweek			frequent whitecaps	calm/rippled
17 Jul 2021	Weekend			choppy	
18 Jul 2021	Weekend	choppy	calm/rippled		
19 Jul 2021	Midweek			choppy	calm/rippled
20 Jul 2021	Midweek	choppy			
21 Jul 2021	Midweek	choppy			
22 Jul 2021	Midweek			choppy	calm/rippled
23 Jul 2021	Midweek	calm/rippled			
24 Jul 2021	Weekend				
25 Jul 2021	Weekend			choppy	choppy
26 Jul 2021	Midweek				
27 Jul 2021	Midweek			calm/rippled	calm/rippled
28 Jul 2021	Midweek	frequent whitecaps	calm/rippled		
29 Jul 2021	Midweek				choppy
30 Jul 2021	Midweek				
31 Jul 2021	Weekend			choppy	
01 Aug 2021	Weekend			frequent whitecaps	
02 Aug 2021	Weekend				calm/rippled
03 Aug 2021	Midweek				choppy