

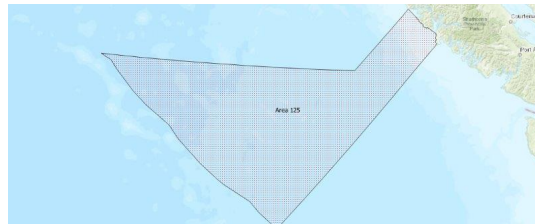
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 125 August 2020



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Saturday 20<sup>th</sup> February, 2021



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**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	MD	PM	AM	MD	PM	MD	PM
29 Jul 2020	Midweek						1			2	
30 Jul 2020	Midweek			1							
31 Jul 2020	Midweek				4			4			
01 Aug 2020	Weekend				1						
02 Aug 2020	Weekend										
03 Aug 2020	Weekend	1								1	
04 Aug 2020	Midweek							2		2	
05 Aug 2020	Midweek										
06 Aug 2020	Midweek										2
07 Aug 2020	Midweek										
08 Aug 2020	Weekend				1						
09 Aug 2020	Weekend		1								2
10 Aug 2020	Midweek									2	
11 Aug 2020	Midweek				2					1	
12 Aug 2020	Midweek				1						
13 Aug 2020	Midweek								1		
14 Aug 2020	Midweek	1				4					
15 Aug 2020	Weekend				1			1			
16 Aug 2020	Weekend	2									
17 Aug 2020	Midweek										
18 Aug 2020	Midweek										
19 Aug 2020	Midweek										
20 Aug 2020	Midweek										
21 Aug 2020	Midweek										
22 Aug 2020	Weekend					1					
23 Aug 2020	Weekend									3	
24 Aug 2020	Midweek										2
25 Aug 2020	Midweek									2	
26 Aug 2020	Midweek										
27 Aug 2020	Midweek								3		
28 Aug 2020	Midweek									2	
29 Aug 2020	Weekend									1	
30 Aug 2020	Weekend				1						
31 Aug 2020	Midweek										
01 Sep 2020	Midweek										
02 Sep 2020	Midweek										
03 Sep 2020	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
29-Jul-2020	Wednesday	choppy	3				3			
30-Jul-2020	Thursday	frequent whitecaps	1				3			
31-Jul-2020	Friday	choppy	8	2			7			
01-Aug-2020	Saturday	choppy	1				1	0	0807	0
02-Aug-2020	Sunday		0							
03-Aug-2020	Monday (B.C. Day)	calm/rippled	2							
04-Aug-2020	Tuesday	choppy	4				1			
05-Aug-2020	Wednesday		0					16	0817	23
06-Aug-2020	Thursday	choppy	2							
07-Aug-2020	Friday		0							
08-Aug-2020	Saturday	calm/rippled	1	3			1	2	0807	2
09-Aug-2020	Sunday	calm/rippled	3				7			
10-Aug-2020	Monday	choppy	2				3			
11-Aug-2020	Tuesday	calm/rippled	3				1	0	0802	0
12-Aug-2020	Wednesday	choppy	2							
13-Aug-2020	Thursday	choppy	1							
14-Aug-2020	Friday	calm/rippled	5				1			
15-Aug-2020	Saturday	choppy	2	5				13	0821	17
16-Aug-2020	Sunday	choppy	2				1			
17-Aug-2020	Monday		0							
18-Aug-2020	Tuesday		0							
19-Aug-2020	Wednesday		0							
20-Aug-2020	Thursday		0					0	0849	0
21-Aug-2020	Friday		0							
22-Aug-2020	Saturday	calm/rippled	1							
23-Aug-2020	Sunday	calm/rippled	3	1				5	0936	6
24-Aug-2020	Monday	calm/rippled	2							
25-Aug-2020	Tuesday	calm/rippled	2					0	1011	0
26-Aug-2020	Wednesday		0							
27-Aug-2020	Thursday	frequent whitecaps	3	1				10	0914	13
28-Aug-2020	Friday	calm/rippled	2				1			
29-Aug-2020	Saturday	calm/rippled	1				1			
30-Aug-2020	Sunday	calm/rippled	1				1	5	0912	7
31-Aug-2020	Monday		0							
01-Sep-2020	Tuesday		0							
02-Sep-2020	Wednesday		0							
03-Sep-2020	Thursday		0							
	Totals	choppy	28	1			7	5*		7*
	Totals	calm/rippled	17	9			12	5*		6*

\* 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	6	11	66	0.5290			0.7060	35			47
Midweek	7	20	140	0.0360			0.25	5			35

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	August	659	934	101		392
2016	August	682	525	134		245
2017	August	1109	1413	364		745
2018	August	190	167	116		110
2019	August	343	340	62		134
2020	August	241	84			89
5-Yr Avg	August	597	676	155		325

**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		%		204	88%	0%	1
Chinook	0	0%		45	13%	9%	4

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	45	18%
iRec Anglers	1359	32%

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

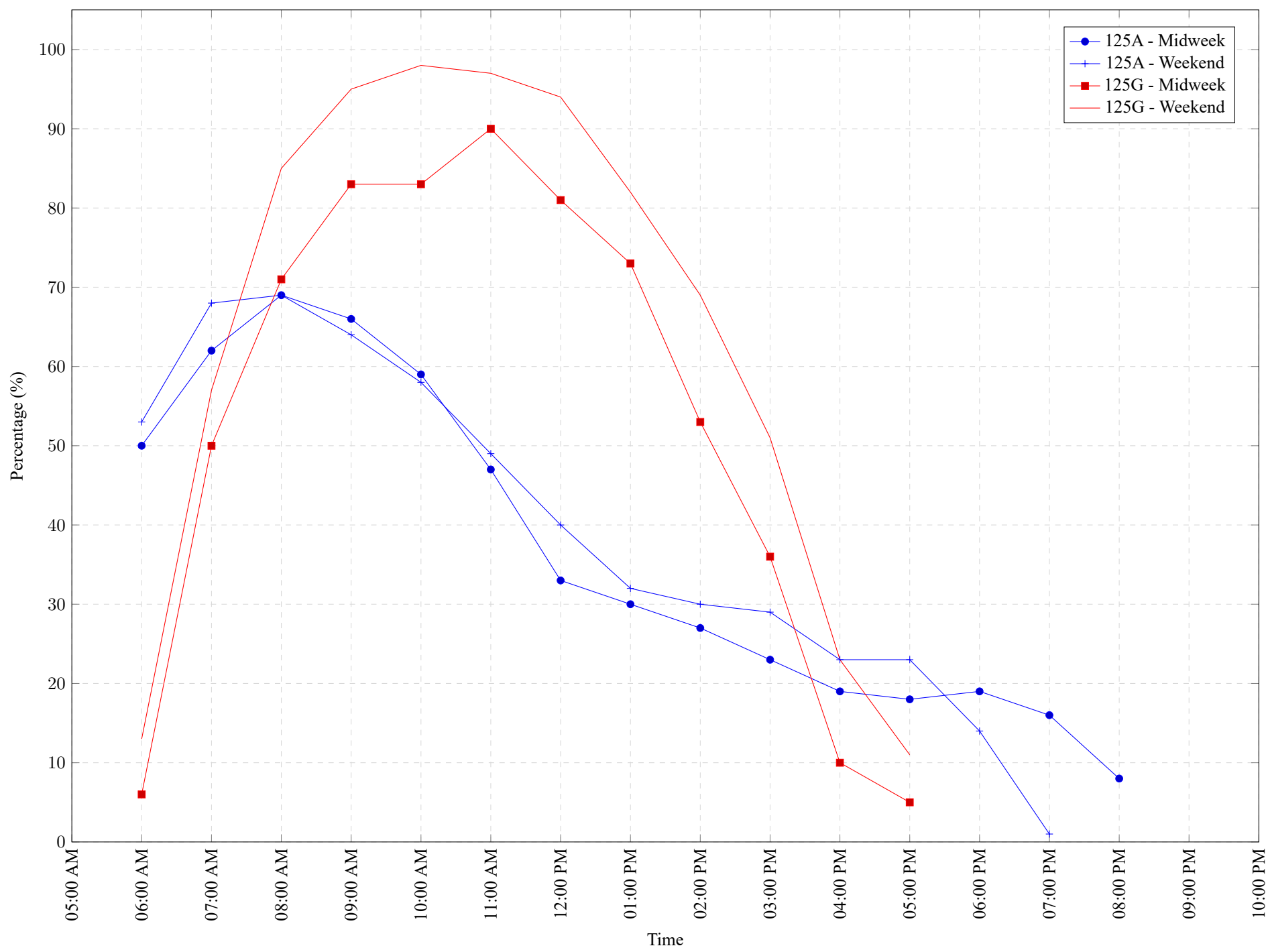


Table 7: Proportion of each day's fishing by hour.

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	50%	62%	69%	66%	59%	47%	33%	30%	27%	23%	19%	18%	19%	16%	8%	0%	0%
125A	Weekend	53%	68%	69%	64%	58%	49%	40%	32%	30%	29%	23%	23%	14%	1%	0%	0%	0%
125G	Midweek	6%	50%	71%	83%	83%	90%	81%	73%	53%	36%	10%	5%	0%	0%	0%	0%	0%
125G	Weekend	13%	57%	85%	95%	98%	97%	94%	82%	69%	51%	23%	11%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Cougar Creek	Critter Cove	Moutcha Bay Resort	Westview Marina
29 Jul 2020	Midweek	frequent whitecaps	calm/rippled	calm/rippled	choppy
30 Jul 2020	Midweek				
31 Jul 2020	Midweek				
01 Aug 2020	Weekend	choppy			
02 Aug 2020	Weekend	choppy	calm/rippled	choppy	calm/rippled
03 Aug 2020	Weekend				
04 Aug 2020	Midweek				
05 Aug 2020	Midweek	choppy			
06 Aug 2020	Midweek	choppy			
07 Aug 2020	Midweek	choppy			
08 Aug 2020	Weekend	choppy	calm/rippled	choppy	calm/rippled
09 Aug 2020	Weekend				
10 Aug 2020	Midweek				
11 Aug 2020	Midweek	calm/rippled			
12 Aug 2020	Midweek	choppy			
13 Aug 2020	Midweek	choppy			
14 Aug 2020	Midweek	choppy	calm/rippled	choppy	
15 Aug 2020	Weekend	choppy			choppy
16 Aug 2020	Weekend	choppy	choppy		
17 Aug 2020	Midweek	choppy			
18 Aug 2020	Midweek	choppy			
19 Aug 2020	Midweek	choppy			
20 Aug 2020	Midweek	choppy			
21 Aug 2020	Midweek	choppy			
22 Aug 2020	Weekend	calm/rippled			choppy
23 Aug 2020	Weekend	calm/rippled			
24 Aug 2020	Midweek	calm/rippled			
25 Aug 2020	Midweek	calm/rippled			
26 Aug 2020	Midweek	choppy			
27 Aug 2020	Midweek	frequent whitecaps			choppy
28 Aug 2020	Midweek	calm/rippled			
29 Aug 2020	Weekend	calm/rippled			
30 Aug 2020	Weekend	calm/rippled			
31 Aug 2020	Midweek	choppy			
01 Sep 2020	Midweek	choppy			
02 Sep 2020	Midweek	choppy			
03 Sep 2020	Midweek	choppy			