

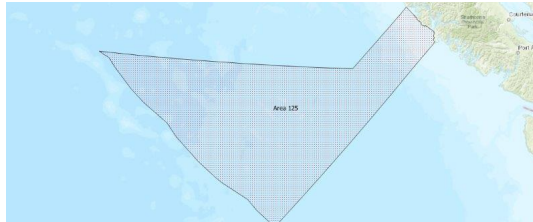
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 125 July 2020



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

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



Fisheries and Oceans  
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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	AM	MD	PM	AM	MD	PM	MD	PM
28 Jun 2020	Weekend											
29 Jun 2020	Midweek											
30 Jun 2020	Midweek											
01 Jul 2020	Weekend											1
02 Jul 2020	Midweek											
03 Jul 2020	Midweek											
04 Jul 2020	Weekend						2				2	
05 Jul 2020	Weekend										5	
06 Jul 2020	Midweek				1							4
07 Jul 2020	Midweek											
08 Jul 2020	Midweek											
09 Jul 2020	Midweek					2				3		
10 Jul 2020	Midweek											
11 Jul 2020	Weekend										1	
12 Jul 2020	Weekend						1					
13 Jul 2020	Midweek										2	
14 Jul 2020	Midweek					1						
15 Jul 2020	Midweek											2
16 Jul 2020	Midweek										1	
17 Jul 2020	Midweek											
18 Jul 2020	Weekend											
19 Jul 2020	Weekend										1	
20 Jul 2020	Midweek											
21 Jul 2020	Midweek										2	
22 Jul 2020	Midweek										2	
23 Jul 2020	Midweek											
24 Jul 2020	Midweek											
25 Jul 2020	Weekend		2			1						
26 Jul 2020	Weekend									4		
27 Jul 2020	Midweek	1									2	
28 Jul 2020	Midweek											
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	

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-2020	Sunday		0							
29-Jun-2020	Monday		0							
30-Jun-2020	Tuesday		0					0	0818	0
01-Jul-2020	Wednesday (Canada Day)	choppy	1							
02-Jul-2020	Thursday		5	7	2					
03-Jul-2020	Friday		4	12						
04-Jul-2020	Saturday	calm/rippled	17	34			6			
05-Jul-2020	Sunday	choppy	19	14			7	17	0822	22
06-Jul-2020	Monday	choppy	20	5			6			
07-Jul-2020	Tuesday		8	8			1			
08-Jul-2020	Wednesday		13	16	1			0	0743	0
09-Jul-2020	Thursday	choppy	15	6			4			
10-Jul-2020	Friday		8	4						
11-Jul-2020	Saturday	calm/rippled	1				4			
12-Jul-2020	Sunday	choppy	1		1			14	0847	18
13-Jul-2020	Monday	calm/rippled	2				8	13	0822	19
14-Jul-2020	Tuesday	choppy	1				1			
15-Jul-2020	Wednesday	calm/rippled	2				3			
16-Jul-2020	Thursday	calm/rippled	1				1			
17-Jul-2020	Friday		0							
18-Jul-2020	Saturday		0					0	0838	0
19-Jul-2020	Sunday	frequent whitecaps	1				3			
20-Jul-2020	Monday		0							
21-Jul-2020	Tuesday	calm/rippled	2	1						
22-Jul-2020	Wednesday	choppy	2				2			
23-Jul-2020	Thursday		0					2	0817	3
24-Jul-2020	Friday		0							
25-Jul-2020	Saturday	choppy	3				1	14	0819	18
26-Jul-2020	Sunday	frequent whitecaps	4	2			6			
27-Jul-2020	Monday	calm/rippled	3				1	6	0823	9
28-Jul-2020	Tuesday		0							
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							
	Totals	choppy	98	61	3		40	5*		8*
	Totals	choppy	47	50	1		27	11*		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
Weekend	15	9	135	1.0640	0.0210		0.5740	144	3		77
Midweek	8	22	176	0.6220	0.0310		0.4080	109	5		72

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	July	724	1497	198		528
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
5-Yr Avg	July	1049	1374	233		708

**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	0	0%		26	41%	12%	3
Chinook	6	4%	400%	76	15%	32%	24

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	145	48%
iRec Anglers	1608	38%

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

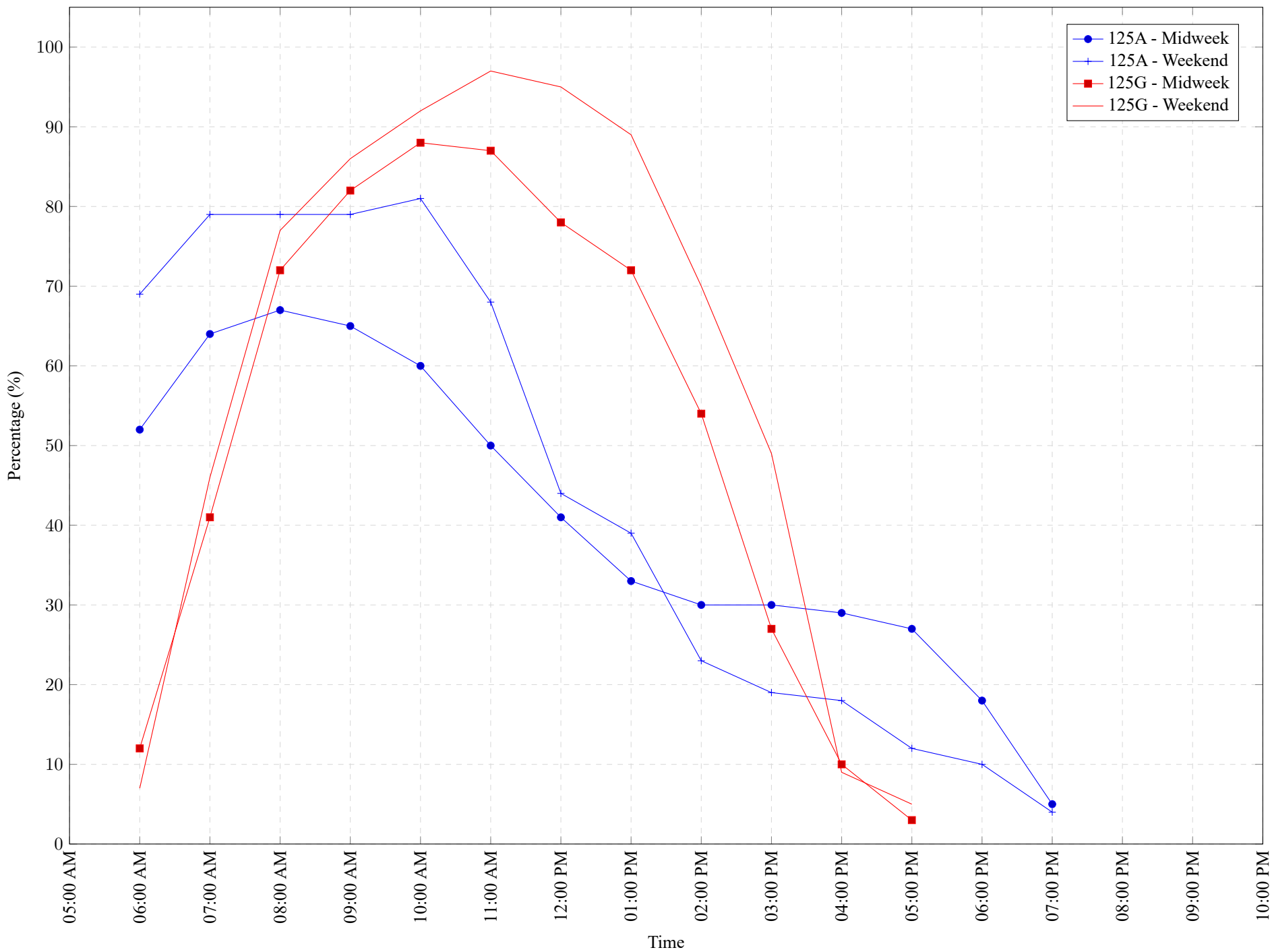


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	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	52%	64%	67%	65%	60%	50%	41%	33%	30%	30%	29%	27%	18%	5%	0%	0%	0%
125A	Weekend	69%	79%	79%	79%	81%	68%	44%	39%	23%	19%	18%	12%	10%	4%	0%	0%	0%
125G	Midweek	12%	41%	72%	82%	88%	87%	78%	72%	54%	27%	10%	3%	0%	0%	0%	0%	0%
125G	Weekend	7%	46%	77%	86%	92%	97%	95%	89%	70%	49%	9%	5%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

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