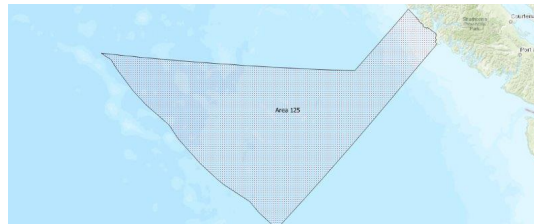


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 125 August 2019



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



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			Moutcha Bay Resort		Westview Marina	
		AM	MD	PM	MD	PM	MD	PM
29 Jul 2019	Midweek				1		1	
30 Jul 2019	Midweek					2		1
31 Jul 2019	Midweek			2				3
01 Aug 2019	Midweek	1						
02 Aug 2019	Midweek							
03 Aug 2019	Weekend		1				2	
04 Aug 2019	Weekend							
05 Aug 2019	Weekend							
06 Aug 2019	Midweek						3	
07 Aug 2019	Midweek							
08 Aug 2019	Midweek						2	
09 Aug 2019	Midweek						2	
10 Aug 2019	Weekend					3	5	
11 Aug 2019	Weekend						6	
12 Aug 2019	Midweek				1		2	
13 Aug 2019	Midweek							4
14 Aug 2019	Midweek							
15 Aug 2019	Midweek							
16 Aug 2019	Midweek						1	
17 Aug 2019	Weekend						2	
18 Aug 2019	Weekend	1					2	
19 Aug 2019	Midweek							
20 Aug 2019	Midweek							
21 Aug 2019	Midweek							
22 Aug 2019	Midweek							
23 Aug 2019	Midweek						1	
24 Aug 2019	Weekend						1	
25 Aug 2019	Weekend							
26 Aug 2019	Midweek			1			2	
27 Aug 2019	Midweek					1		
28 Aug 2019	Midweek						2	
29 Aug 2019	Midweek							2
30 Aug 2019	Midweek							
31 Aug 2019	Weekend						1	
01 Sep 2019	Weekend							
02 Sep 2019	Weekend							
03 Sep 2019	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-2019	Monday	choppy	4	14			1			
30-Jul-2019	Tuesday	calm/rippled	3	11						
31-Jul-2019	Wednesday	calm/rippled	7	2	5		19			
01-Aug-2019	Thursday	calm/rippled	1							
02-Aug-2019	Friday		0					1	0722	2
03-Aug-2019	Saturday	choppy	3				3			
04-Aug-2019	Sunday		1	4			3	17	0726	32
05-Aug-2019	Monday (B.C. Day)		0							
06-Aug-2019	Tuesday	calm/rippled	4	5	3		5			
07-Aug-2019	Wednesday		0					1	0814	1
08-Aug-2019	Thursday	calm/rippled	3	3			2			
09-Aug-2019	Friday	calm/rippled	2	16			3			
10-Aug-2019	Saturday	choppy	8	4	4		4	11	0823	16
11-Aug-2019	Sunday	calm/rippled	7	21			2			
12-Aug-2019	Monday	calm/rippled	4	2	1		1			
13-Aug-2019	Tuesday	calm/rippled	5		2		5			
14-Aug-2019	Wednesday		1				6	12	0830	17
15-Aug-2019	Thursday		0							
16-Aug-2019	Friday	calm/rippled	1							
17-Aug-2019	Saturday	calm/rippled	2							
18-Aug-2019	Sunday	choppy	3	6	2		2	8	0729	15
19-Aug-2019	Monday		1	1	2		2			
20-Aug-2019	Tuesday		0							
21-Aug-2019	Wednesday		0							
22-Aug-2019	Thursday		2	1			8			
23-Aug-2019	Friday	calm/rippled	2	1				11	0827	16
24-Aug-2019	Saturday	calm/rippled	3	1			7	8	0835	12
25-Aug-2019	Sunday		1	1						
26-Aug-2019	Monday	choppy	3				2			
27-Aug-2019	Tuesday	choppy	1					0	0840	0
28-Aug-2019	Wednesday	calm/rippled	2							
29-Aug-2019	Thursday	choppy	2							
30-Aug-2019	Friday		0							
31-Aug-2019	Saturday	calm/rippled	1							
01-Sep-2019	Sunday		1				4			
02-Sep-2019	Monday (Labour Day)		0							
03-Sep-2019	Tuesday		0							
	Totals	calm/rippled	34	29	8		34	5*		7*
	Totals	calm/rippled	29	37	6		21	11*		19*

* 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	7	21	147	0.8530	0.2350		1	125	35		147
Weekend	19	10	190	1.2760	0.2070		0.7240	242	39		138

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	August	1465	2822	1070	21	1532
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
5-Yr Avg	August	821	1172	357	21	605

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%		253	23%	4%	9
Chinook	18	14%	72%	206	14%	6%	13

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	89	20%
iRec Anglers	2681	43%
iRec Responses	87	75%

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

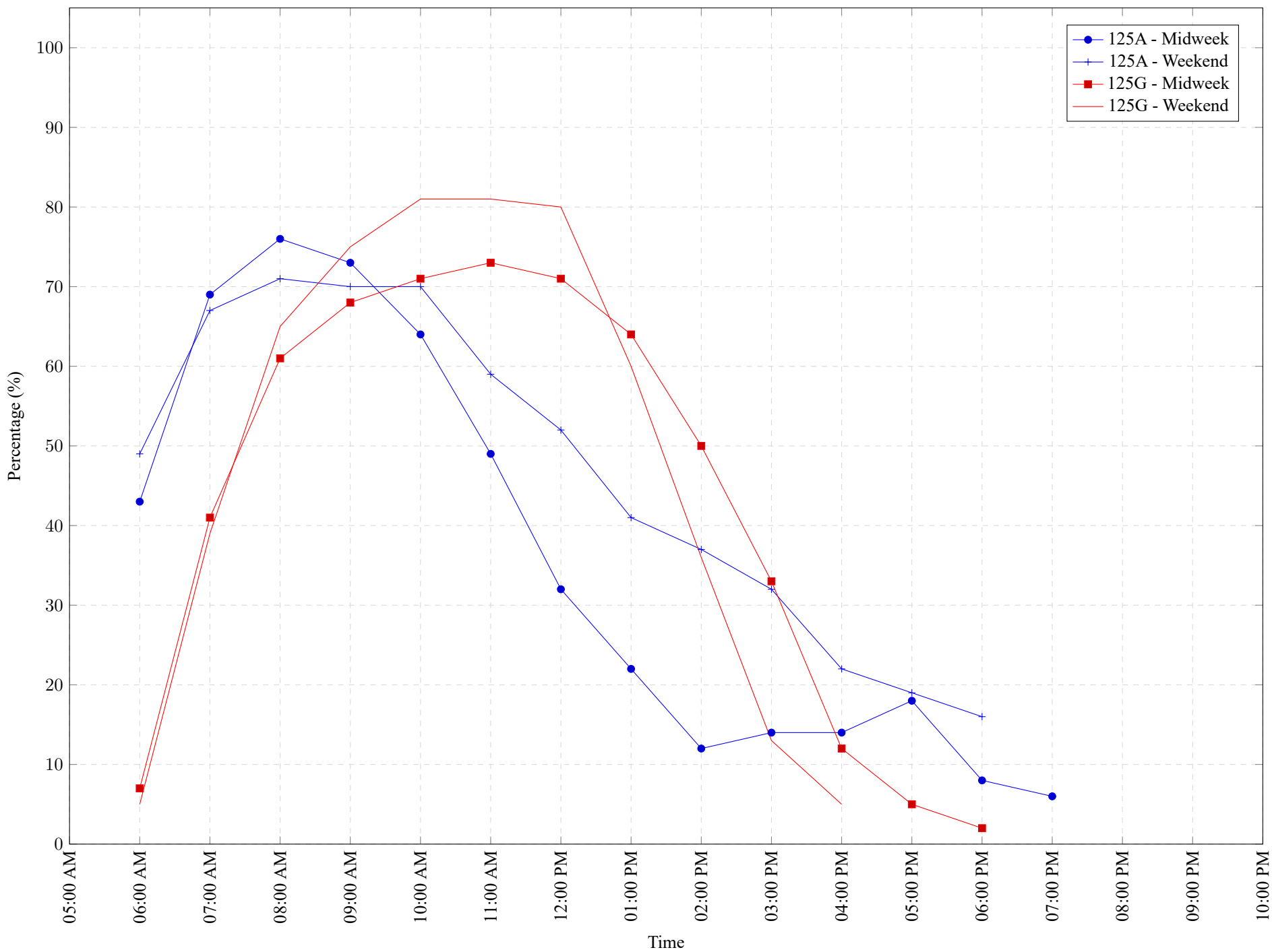


Table 7: Proportion of each day's fishing by hour.

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	43%	69%	76%	73%	64%	49%	32%	22%	12%	14%	14%	18%	8%	6%	0%	0%	0%
125A	Weekend	49%	67%	71%	70%	70%	59%	52%	41%	37%	32%	22%	19%	16%	0%	0%	0%	0%
125G	Midweek	7%	41%	61%	68%	71%	73%	71%	64%	50%	33%	12%	5%	2%	0%	0%	0%	0%
125G	Weekend	5%	39%	65%	75%	81%	81%	80%	60%	36%	13%	5%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cougar Creek	Moutcha Bay Resort	Westview Marina
29 Jul 2019	Midweek		choppy	calm/rippled
30 Jul 2019	Midweek		calm/rippled	calm/rippled
31 Jul 2019	Midweek	choppy		calm/rippled
01 Aug 2019	Midweek	calm/rippled		
02 Aug 2019	Midweek			
03 Aug 2019	Weekend	frequent whitecaps		calm/rippled
04 Aug 2019	Weekend			
05 Aug 2019	Weekend			
06 Aug 2019	Midweek			calm/rippled
07 Aug 2019	Midweek			
08 Aug 2019	Midweek			calm/rippled
09 Aug 2019	Midweek			calm/rippled
10 Aug 2019	Weekend		frequent whitecaps	calm/rippled
11 Aug 2019	Weekend			calm/rippled
12 Aug 2019	Midweek		calm/rippled	calm/rippled
13 Aug 2019	Midweek			calm/rippled
14 Aug 2019	Midweek			
15 Aug 2019	Midweek			
16 Aug 2019	Midweek			calm/rippled
17 Aug 2019	Weekend			calm/rippled
18 Aug 2019	Weekend	choppy		choppy
19 Aug 2019	Midweek			
20 Aug 2019	Midweek			
21 Aug 2019	Midweek			
22 Aug 2019	Midweek			
23 Aug 2019	Midweek			calm/rippled
24 Aug 2019	Weekend			calm/rippled
25 Aug 2019	Weekend			
26 Aug 2019	Midweek	frequent whitecaps		calm/rippled
27 Aug 2019	Midweek		choppy	
28 Aug 2019	Midweek			calm/rippled
29 Aug 2019	Midweek			choppy
30 Aug 2019	Midweek			
31 Aug 2019	Weekend			calm/rippled
01 Sep 2019	Weekend			
02 Sep 2019	Weekend			
03 Sep 2019	Midweek			