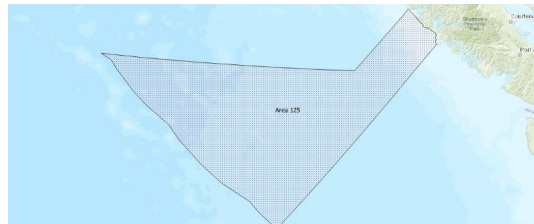


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 125 July 2019



Prepared By:
South Coast Salmon Stock Assessment Section

Friday 5th February, 2021



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	AM	MD	PM	MD	PM
28 Jun 2019	Midweek								
29 Jun 2019	Weekend								
30 Jun 2019	Weekend							1	
01 Jul 2019	Weekend								
02 Jul 2019	Midweek							1	
03 Jul 2019	Midweek		3						
04 Jul 2019	Midweek							3	
05 Jul 2019	Midweek				1			1	
06 Jul 2019	Weekend								
07 Jul 2019	Weekend								
08 Jul 2019	Midweek								
09 Jul 2019	Midweek								
10 Jul 2019	Midweek								
11 Jul 2019	Midweek								
12 Jul 2019	Midweek							1	
13 Jul 2019	Weekend	1							
14 Jul 2019	Weekend	1							
15 Jul 2019	Midweek	1						3	
16 Jul 2019	Midweek							3	
17 Jul 2019	Midweek							1	
18 Jul 2019	Midweek						1		
19 Jul 2019	Midweek								
20 Jul 2019	Weekend								
21 Jul 2019	Weekend		2						
22 Jul 2019	Midweek							4	
23 Jul 2019	Midweek							1	
24 Jul 2019	Midweek							3	
25 Jul 2019	Midweek								
26 Jul 2019	Midweek							1	
27 Jul 2019	Weekend								
28 Jul 2019	Weekend	2							
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	

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-2019	Friday		0							
29-Jun-2019	Saturday		0							
30-Jun-2019	Sunday	calm/rippled	4				12	15	0813	23
01-Jul-2019	Monday (Canada Day)		0							
02-Jul-2019	Tuesday	calm/rippled	1				4			
03-Jul-2019	Wednesday	frequent whitecaps	4	2				10	0834	16
04-Jul-2019	Thursday	calm/rippled	4		1		5			
05-Jul-2019	Friday	calm/rippled	2				2			
06-Jul-2019	Saturday		1				2			
07-Jul-2019	Sunday		0					4	0825	6
08-Jul-2019	Monday		0					9	0815	14
09-Jul-2019	Tuesday		0							
10-Jul-2019	Wednesday		0							
11-Jul-2019	Thursday		1	4	1		11			
12-Jul-2019	Friday	calm/rippled	1				3			
13-Jul-2019	Saturday	choppy	3	2			12			
14-Jul-2019	Sunday	choppy	4	6	2			15	0748	25
15-Jul-2019	Monday	calm/rippled	10	10	2		27			
16-Jul-2019	Tuesday	calm/rippled	7	13	3		10			
17-Jul-2019	Wednesday	frequent whitecaps	2	3						
18-Jul-2019	Thursday	choppy	2					7	0809	13
19-Jul-2019	Friday		2	1	6		23			
20-Jul-2019	Saturday		1	2	6		3	28	0815	45
21-Jul-2019	Sunday	frequent whitecaps	2	4	1					
22-Jul-2019	Monday	calm/rippled	5	5			1			
23-Jul-2019	Tuesday	calm/rippled	1	4				30	0822	47
24-Jul-2019	Wednesday	choppy	4				23			
25-Jul-2019	Thursday		0							
26-Jul-2019	Friday	choppy	1							
27-Jul-2019	Saturday		1	1			9			
28-Jul-2019	Sunday	choppy	2					23	0810	33
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			
	Totals	choppy	61	69	18		129	14*		23*
	Totals	choppy	14	15	9		26	18*		27*

* 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	23	22	506	1.1310	0.2950		2.1150	572	149		1070
Weekend	27	9	243	1.0710	0.6430		1.8570	260	156		451

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	July	1041	1567	446	4	1010
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
5-Yr Avg	July	1138	1592	303	4	791

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	48	54%	90%	450	52%	10%	43
Chinook	4	2%	1225%	380	23%	13%	49

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	112	21%
iRec Anglers	3694	30%
iRec Responses	147	79%

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

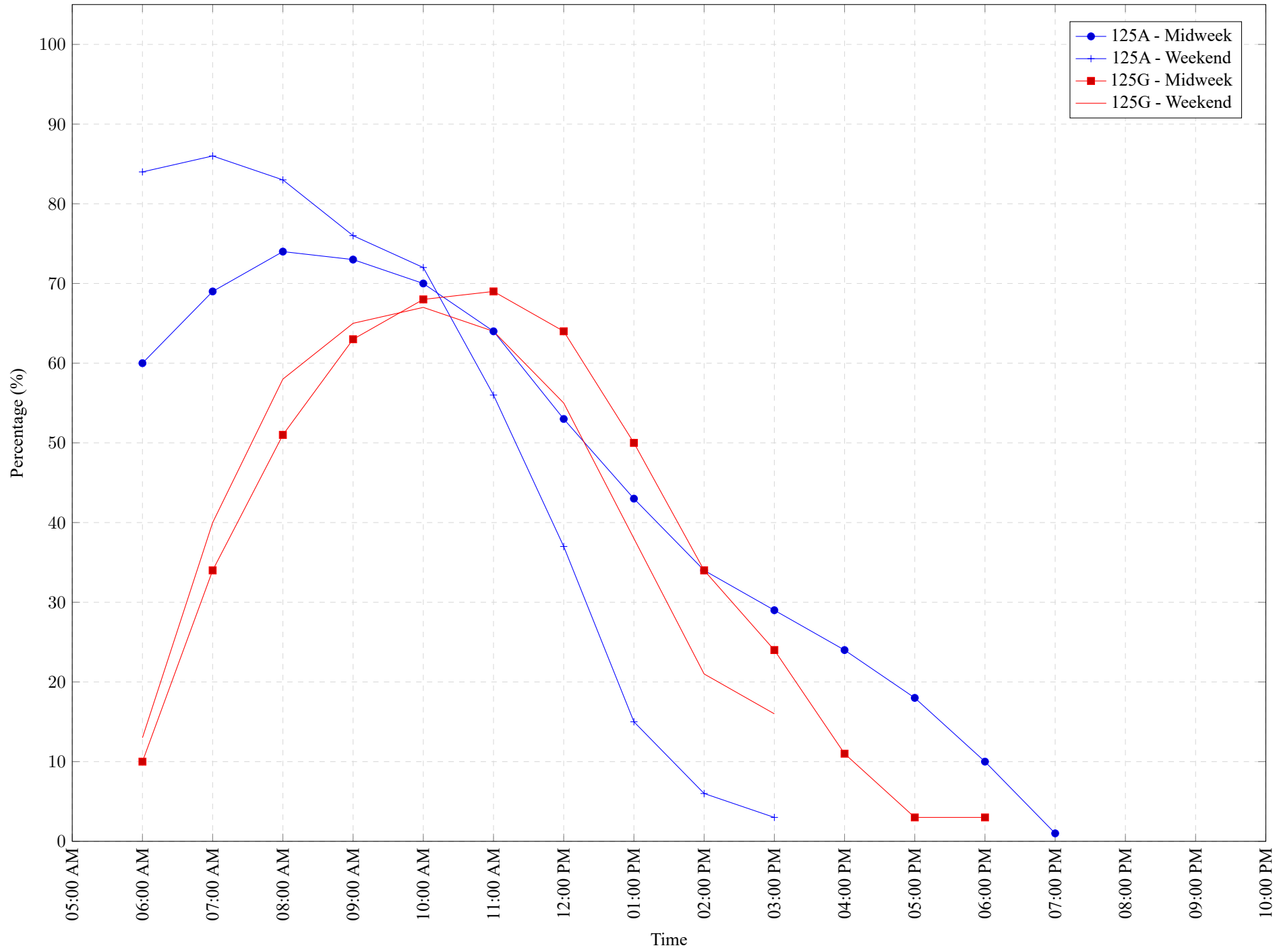


Table 7: Proportion of each day's fishing by hour.

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	60%	69%	74%	73%	70%	64%	53%	43%	34%	29%	24%	18%	10%	1%	0%	0%	0%
125A	Weekend	84%	86%	83%	76%	72%	56%	37%	15%	6%	3%	0%	0%	0%	0%	0%	0%	0%
125G	Midweek	10%	34%	51%	63%	68%	69%	64%	50%	34%	24%	11%	3%	3%	0%	0%	0%	0%
125G	Weekend	13%	40%	58%	65%	67%	64%	55%	38%	21%	16%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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