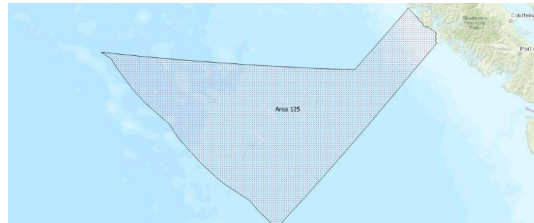


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 125 June 2021



Prepared By:

South Coast Salmon Stock Assessment Section

Sunday 6th February, 2022



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

A stylized blue logo where the word 'your' is above 'catch', which is above 'counts'. To the right of 'catch' is a small blue silhouette of a person holding a fishing rod.

Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

Date	Day Type	Cougar Creek		Critter Cove	Moutcha Bay Resort	Westview Marina		
		AM	MD	MD	PM	AM	MD	PM
29 May 2021	Weekend							
30 May 2021	Weekend							
31 May 2021	Midweek							
01 Jun 2021	Midweek							
02 Jun 2021	Midweek							
03 Jun 2021	Midweek							
04 Jun 2021	Midweek					1		
05 Jun 2021	Weekend							
06 Jun 2021	Weekend							
07 Jun 2021	Midweek							
08 Jun 2021	Midweek							
09 Jun 2021	Midweek					1		
10 Jun 2021	Midweek							
11 Jun 2021	Midweek							
12 Jun 2021	Weekend							
13 Jun 2021	Weekend							
14 Jun 2021	Midweek							
15 Jun 2021	Midweek							
16 Jun 2021	Midweek							
17 Jun 2021	Midweek							2
18 Jun 2021	Midweek							
19 Jun 2021	Weekend		1					
20 Jun 2021	Weekend							
21 Jun 2021	Midweek							
22 Jun 2021	Midweek							
23 Jun 2021	Midweek							
24 Jun 2021	Midweek			1				1
25 Jun 2021	Midweek							1
26 Jun 2021	Weekend						2	
27 Jun 2021	Weekend						1	
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							

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-May-2021	Saturday		0							
30-May-2021	Sunday		0							
31-May-2021	Monday		0							
01-Jun-2021	Tuesday		0							
02-Jun-2021	Wednesday		0							
03-Jun-2021	Thursday		0							
04-Jun-2021	Friday	calm/rippled	1							
05-Jun-2021	Saturday		0							
06-Jun-2021	Sunday		0							
07-Jun-2021	Monday		0							
08-Jun-2021	Tuesday		0							
09-Jun-2021	Wednesday	calm/rippled	1				2	7	0811	8
10-Jun-2021	Thursday		0							
11-Jun-2021	Friday		0							
12-Jun-2021	Saturday		0					0	0806	0
13-Jun-2021	Sunday		0							
14-Jun-2021	Monday		0							
15-Jun-2021	Tuesday		0							
16-Jun-2021	Wednesday		0							
17-Jun-2021	Thursday	calm/rippled	2					14	0806	18
18-Jun-2021	Friday		0							
19-Jun-2021	Saturday	choppy	1					4	0757	6
20-Jun-2021	Sunday		0							
21-Jun-2021	Monday		0							
22-Jun-2021	Tuesday		0					4	0825	5
23-Jun-2021	Wednesday		0							
24-Jun-2021	Thursday	calm/rippled	2				1			
25-Jun-2021	Friday	calm/rippled	1							
26-Jun-2021	Saturday	calm/rippled	4				17	15	0835	18
27-Jun-2021	Sunday	calm/rippled	1							
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	2
	Totals	calm/rippled	9				3	7*		8*
	Totals	calm/rippled	6				17	6*		8*

* 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	8	22	176				0.333				59
Weekend	8	8	64				2.833				181

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	June	742	1600	7		420
2017	June	512	669	70		228
2018	June	617	658	255		309
2019	June	167	23			100
2020	June	182	98	5		110
2021	June	185	0			44
5-Yr Avg	June	444	610	84		233

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		%		98	70%	36%	35
Chinook	0	0%		80	34%	61%	49

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	13	23%
iRec Anglers	727	37%

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

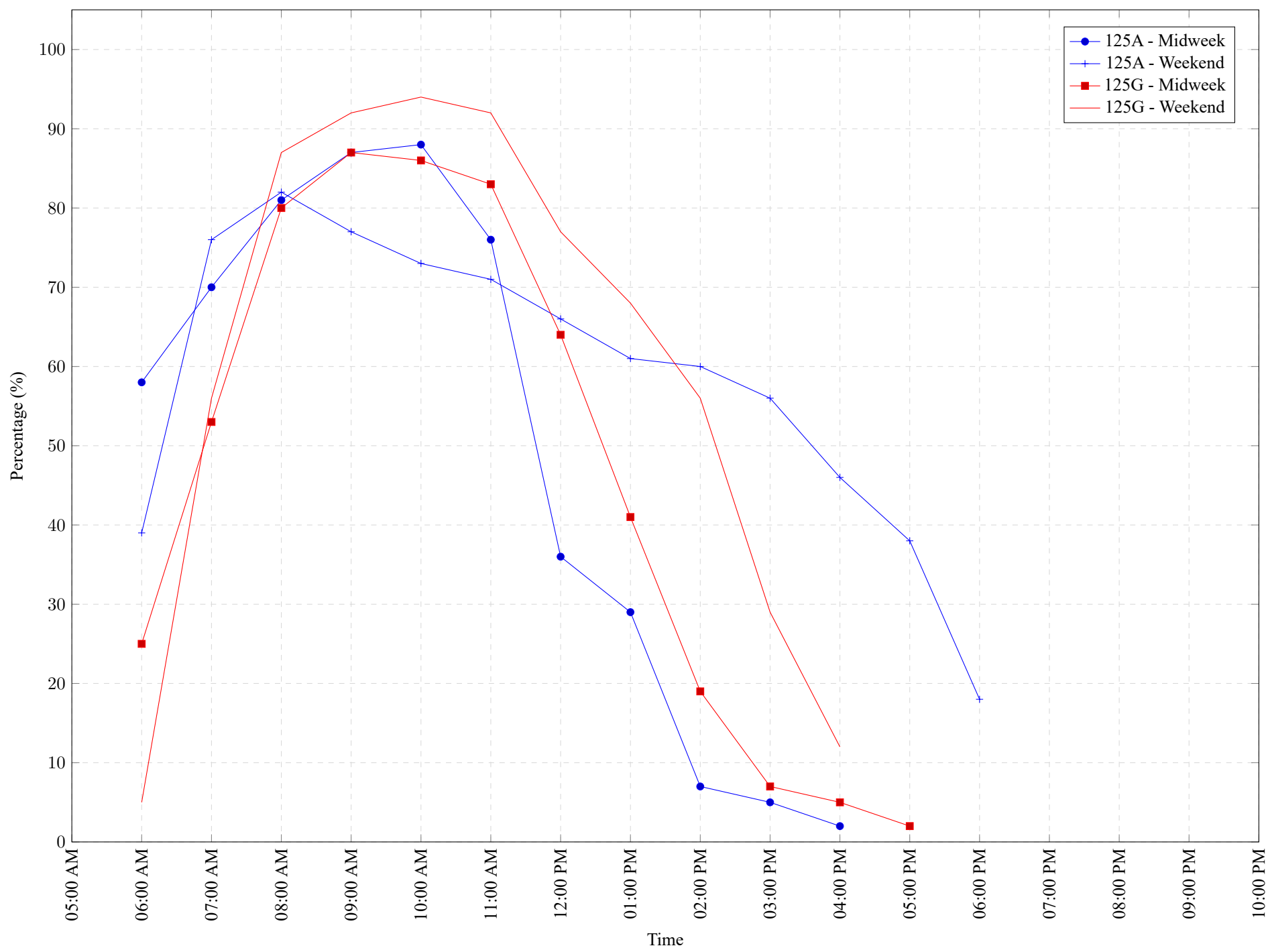


Table 7: Proportion of each day's fishing by hour.

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	58%	70%	81%	87%	88%	76%	36%	29%	7%	5%	2%	0%	0%	0%	0%	0%	0%
125A	Weekend	39%	76%	82%	77%	73%	71%	66%	61%	60%	56%	46%	38%	18%	0%	0%	0%	0%
125G	Midweek	25%	53%	80%	87%	86%	83%	64%	41%	19%	7%	5%	2%	0%	0%	0%	0%	0%
125G	Weekend	5%	56%	87%	92%	94%	92%	77%	68%	56%	29%	12%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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