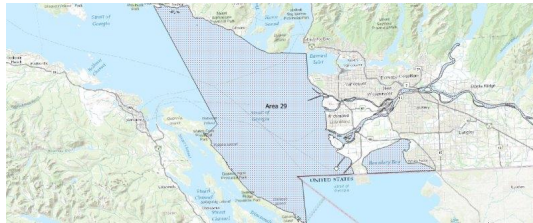


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 29 June 2021



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 5th February, 2022



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

		Brechin	Crofton Ramp	Gibson's	McDonald Beach		Planetarium		Sewell's East	Sewell's West	Thunder- bird Marina
Date	Day Type	PM	AM	PM	AM	PM	AM	PM	AM	PM	PM
29 May 2021	Weekend		2								2
30 May 2021	Weekend										
31 May 2021	Midweek										
01 Jun 2021	Midweek										
02 Jun 2021	Midweek										
03 Jun 2021	Midweek										
04 Jun 2021	Midweek			2							
05 Jun 2021	Weekend							1			
06 Jun 2021	Weekend										
07 Jun 2021	Midweek										
08 Jun 2021	Midweek										
09 Jun 2021	Midweek										
10 Jun 2021	Midweek	1									
11 Jun 2021	Midweek										
12 Jun 2021	Weekend							1			
13 Jun 2021	Weekend			1		3					
14 Jun 2021	Midweek										
15 Jun 2021	Midweek										
16 Jun 2021	Midweek										
17 Jun 2021	Midweek							1			
18 Jun 2021	Midweek										
19 Jun 2021	Weekend				2						
20 Jun 2021	Weekend					1					
21 Jun 2021	Midweek										
22 Jun 2021	Midweek										
23 Jun 2021	Midweek					1					
24 Jun 2021	Midweek										
25 Jun 2021	Midweek										
26 Jun 2021	Weekend							2			
27 Jun 2021	Weekend										
28 Jun 2021	Midweek								1		
29 Jun 2021	Midweek						1				
30 Jun 2021	Midweek				1						
01 Jul 2021	Weekend										
02 Jul 2021	Midweek										
03 Jul 2021	Weekend							2		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
29-May-2021	Saturday	calm/rippled	7							
30-May-2021	Sunday		2							
31-May-2021	Monday		1							
01-Jun-2021	Tuesday		3					21	1306	53
02-Jun-2021	Wednesday		0							
03-Jun-2021	Thursday		0							
04-Jun-2021	Friday	calm/rippled	2							
05-Jun-2021	Saturday	choppy	1					17	1300	37
06-Jun-2021	Sunday		1							
07-Jun-2021	Monday		0							
08-Jun-2021	Tuesday		1					15	1303	42
09-Jun-2021	Wednesday		1							
10-Jun-2021	Thursday	calm/rippled	2							
11-Jun-2021	Friday		0							
12-Jun-2021	Saturday	choppy	4							
13-Jun-2021	Sunday	calm/rippled	5					16	1306	32
14-Jun-2021	Monday		0							
15-Jun-2021	Tuesday		0							
16-Jun-2021	Wednesday		0					15	1316	39
17-Jun-2021	Thursday	calm/rippled	1							
18-Jun-2021	Friday		0					10	1316	25
19-Jun-2021	Saturday	calm/rippled	3					40	1328	77
20-Jun-2021	Sunday	choppy	1							
21-Jun-2021	Monday		1							
22-Jun-2021	Tuesday		0							
23-Jun-2021	Wednesday	calm/rippled	2					5	1304	13
24-Jun-2021	Thursday		0							
25-Jun-2021	Friday		0							
26-Jun-2021	Saturday	calm/rippled	6					48	1321	95
27-Jun-2021	Sunday		2							
28-Jun-2021	Monday	calm/rippled	1							
29-Jun-2021	Tuesday	calm/rippled	1							
30-Jun-2021	Wednesday	frequent whitecaps	1							
01-Jul-2021	Thursday (Canada Day)		0							
02-Jul-2021	Friday		0					5	1139	14
03-Jul-2021	Saturday	choppy	4					8	1138	20
	Totals	calm/rippled	16					13*		34*
	Totals	choppy	23					30*		60*

* 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	34	22	748								
Weekend	60	8	480								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	June	1703	393	104		
2017	June	1888	446	5		
2018	June	1970	435	307		
2019	June	1023	8	94		0
2020	June	1741	4	86		4
2021	June	1207	0	0		0
5-Yr Avg	June	1665	257	119		2

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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	29	1%
iRec Anglers	1206	25%

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

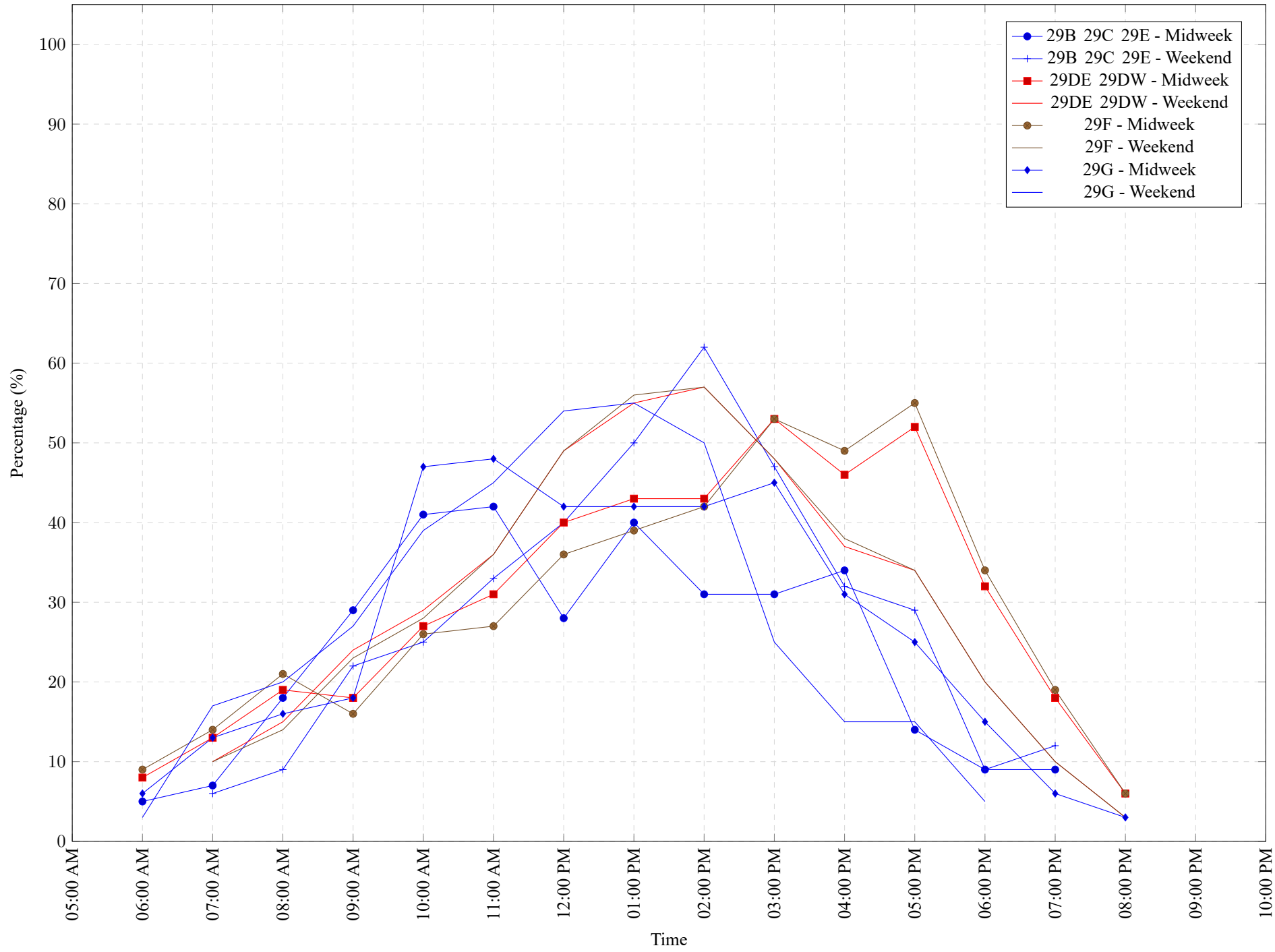


Table 7: Proportion of each day's fishing by hour.

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
29B	29C	29E	Midweek	5%	7%	18%	29%	41%	42%	28%	40%	31%	31%	34%	14%	9%	9%	0%	0%	0%
29B	29C	29E	Weekend	0%	6%	9%	22%	25%	33%	40%	50%	62%	47%	32%	29%	9%	12%	0%	0%	0%
29DE	29DW		Midweek	8%	13%	19%	18%	27%	31%	40%	43%	43%	53%	46%	52%	32%	18%	6%	0%	0%
29DE	29DW		Weekend	0%	10%	15%	24%	29%	36%	49%	55%	57%	48%	37%	34%	20%	10%	3%	0%	0%
29F			Midweek	9%	14%	21%	16%	26%	27%	36%	39%	42%	53%	49%	55%	34%	19%	6%	0%	0%
29F			Weekend	0%	10%	14%	23%	28%	36%	49%	56%	57%	48%	38%	34%	20%	10%	3%	0%	0%
29G			Midweek	6%	13%	16%	18%	47%	48%	42%	42%	42%	45%	31%	25%	15%	6%	3%	0%	0%
29G			Weekend	3%	17%	20%	27%	39%	45%	54%	55%	50%	25%	15%	15%	5%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Brechin	Crofton Ramp	Gibson's	McDonald Beach	Planetarium	Sewell's East	Sewell's West	Thunderbird Marina
29 May 2021	Weekend		calm/rippled						calm/rippled
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					choppy			
06 Jun 2021	Weekend								
07 Jun 2021	Midweek								
08 Jun 2021	Midweek								
09 Jun 2021	Midweek								
10 Jun 2021	Midweek	calm/rippled							
11 Jun 2021	Midweek								
12 Jun 2021	Weekend					choppy			
13 Jun 2021	Weekend			calm/rippled	calm/rippled				
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				calm/rippled				
20 Jun 2021	Weekend				choppy				
21 Jun 2021	Midweek								
22 Jun 2021	Midweek								
23 Jun 2021	Midweek				calm/rippled				
24 Jun 2021	Midweek								
25 Jun 2021	Midweek								
26 Jun 2021	Weekend					calm/rippled			
27 Jun 2021	Weekend								
28 Jun 2021	Midweek						calm/rippled		
29 Jun 2021	Midweek					calm/rippled			
30 Jun 2021	Midweek				frequent whitecaps				
01 Jul 2021	Weekend								
02 Jul 2021	Midweek								
03 Jul 2021	Weekend					choppy		choppy	