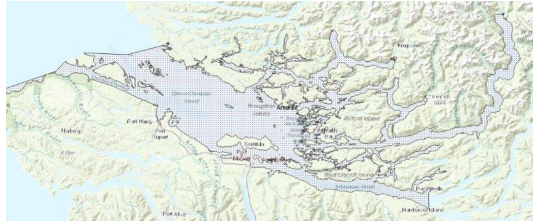


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 12 June 2021



Prepared By:

South Coast Salmon Stock Assessment Section

Wednesday 9th February, 2022



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

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

		Alder Bay Campsite		Bear Cove		Port McNeill Ramp		Quarterdeck Marina		Telegraph Cove										
Date	Day Type	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM									
29 May 2021	Weekend																			
30 May 2021	Weekend	5																		
31 May 2021	Midweek																			
01 Jun 2021	Midweek																			
02 Jun 2021	Midweek						1		4											
03 Jun 2021	Midweek					1														
04 Jun 2021	Midweek																			
05 Jun 2021	Weekend						2													
06 Jun 2021	Weekend						1			3										
07 Jun 2021	Midweek						1													
08 Jun 2021	Midweek							1												
09 Jun 2021	Midweek																			
10 Jun 2021	Midweek	3																		
11 Jun 2021	Midweek																			
12 Jun 2021	Weekend								1		1									
13 Jun 2021	Weekend																			
14 Jun 2021	Midweek																			
15 Jun 2021	Midweek						1													
16 Jun 2021	Midweek			6	3															
17 Jun 2021	Midweek										8									
18 Jun 2021	Midweek																			
19 Jun 2021	Weekend								1	12										
20 Jun 2021	Weekend	3						5												
21 Jun 2021	Midweek						4													
22 Jun 2021	Midweek			1																
23 Jun 2021	Midweek						4			6										
24 Jun 2021	Midweek																			
25 Jun 2021	Midweek									5										
26 Jun 2021	Weekend																			
27 Jun 2021	Weekend								15	7										
28 Jun 2021	Midweek			3																
29 Jun 2021	Midweek								4											
30 Jun 2021	Midweek			4					10											
01 Jul 2021	Weekend									12										
02 Jul 2021	Midweek										18									
03 Jul 2021	Weekend					4			6											

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	frequent whitecaps	0					5	0958	6
30-May-2021	Sunday		5							
31-May-2021	Monday		0							
01-Jun-2021	Tuesday		0							
02-Jun-2021	Wednesday	calm/rippled	5							
03-Jun-2021	Thursday	calm/rippled	1							
04-Jun-2021	Friday		0					4	1112	5
05-Jun-2021	Saturday	frequent whitecaps	2				1			
06-Jun-2021	Sunday	choppy	4							
07-Jun-2021	Monday	frequent whitecaps	3	3			2			
08-Jun-2021	Tuesday	choppy	1		1					
09-Jun-2021	Wednesday		0							
10-Jun-2021	Thursday	choppy	3							
11-Jun-2021	Friday		0							
12-Jun-2021	Saturday	choppy	2							
13-Jun-2021	Sunday		0							
14-Jun-2021	Monday		0							
15-Jun-2021	Tuesday	calm/rippled	1							
16-Jun-2021	Wednesday	calm/rippled	9				5	18	1058	26
17-Jun-2021	Thursday	calm/rippled	8				1			
18-Jun-2021	Friday		0					5	1049	7
19-Jun-2021	Saturday	choppy	14		4		3			
20-Jun-2021	Sunday	calm/rippled	8				4			
21-Jun-2021	Monday	calm/rippled	4				4			
22-Jun-2021	Tuesday	calm/rippled	1							
23-Jun-2021	Wednesday	choppy	10				3			
24-Jun-2021	Thursday		1							
25-Jun-2021	Friday	calm/rippled	7	2						
26-Jun-2021	Saturday		1				1			
27-Jun-2021	Sunday	calm/rippled	25	8	3		14			
28-Jun-2021	Monday	calm/rippled	3				3	10	1024	14
29-Jun-2021	Tuesday	calm/rippled	5	5	1					
30-Jun-2021	Wednesday	choppy	16		11		4			
01-Jul-2021	Thursday (Canada Day)	calm/rippled	12							
02-Jul-2021	Friday	choppy	18							
03-Jul-2021	Saturday	choppy	10	4			3	31	1100	39
	Totals	calm/rippled	78	10	13		22	9*		13*
	Totals	choppy	56	8	7		23	*		*

* 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		8		0.143	0.125		0.411				
Midweek	13	22	286	0.128	0.167		0.282	37	48		81

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	June	2847	1137	140	6	736
2017	June	2528	1931	792		354
2018	June	2883	2181	86		274
2019	June	1382	2	44		171
2020	June	461	450	12		259
2021	June	514	2	54		135
5-Yr Avg	June	2020	1140	215	6	359

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	129	10%
iRec Anglers	1078	8%

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

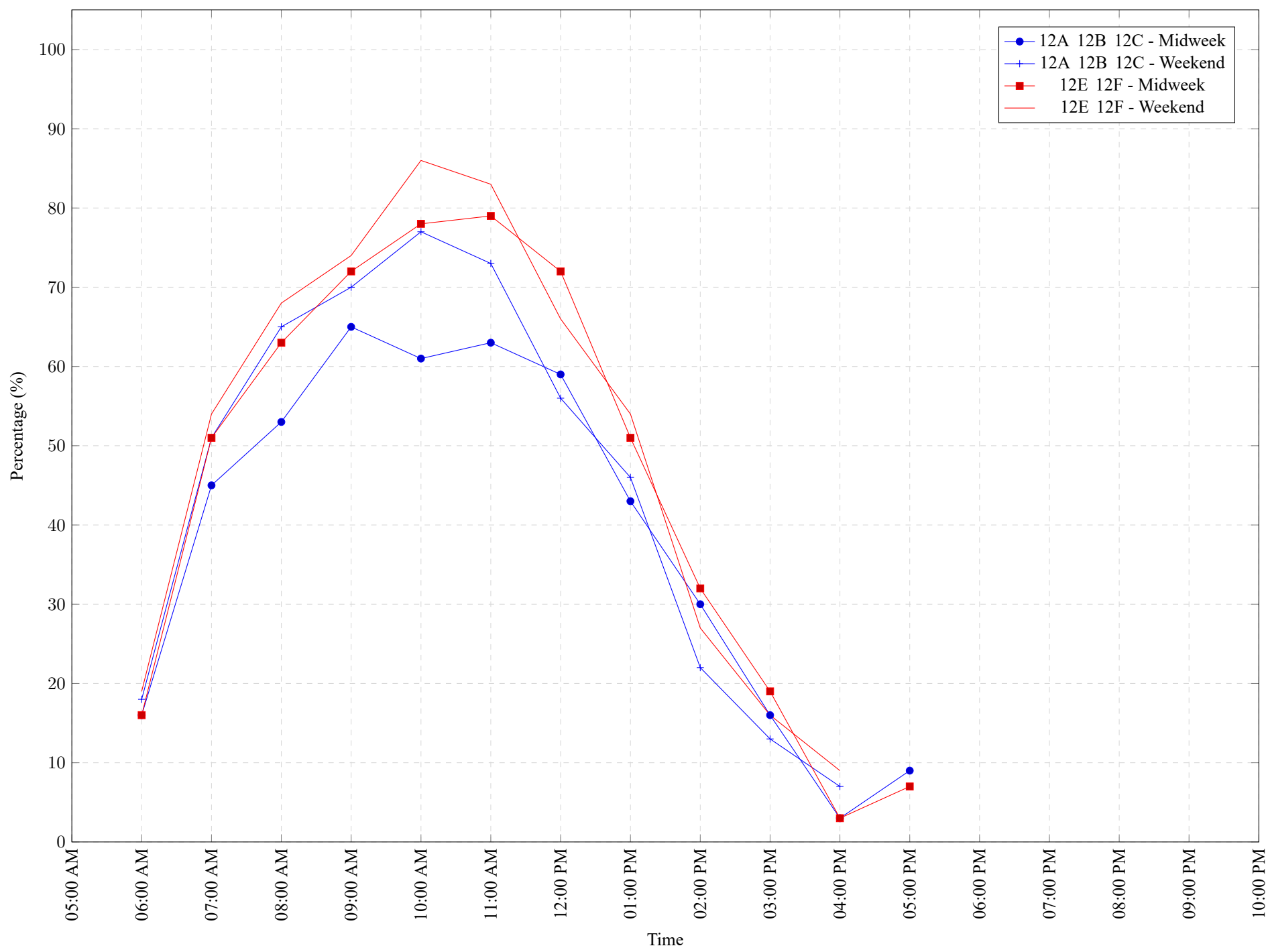


Table 7: Proportion of each day's fishing by hour.

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
12A	12B	12C	Midweek	16%	45%	53%	65%	61%	63%	59%	43%	30%	16%	3%	9%	0%	0%	0%	0%	0%
12A	12B	12C	Weekend	18%	51%	65%	70%	77%	73%	56%	46%	22%	13%	7%	0%	0%	0%	0%	0%	0%
12E	12F		Midweek	16%	51%	63%	72%	78%	79%	72%	51%	32%	19%	3%	7%	0%	0%	0%	0%	0%
12E	12F		Weekend	19%	54%	68%	74%	86%	83%	66%	54%	27%	16%	9%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Alder Bay Campsite	Bear Cove	Port McNeill Ramp	Quarterdeck Marina	Telegraph Cove
29 May 2021	Weekend	frequent whitecaps				
30 May 2021	Weekend					
31 May 2021	Midweek					
01 Jun 2021	Midweek					
02 Jun 2021	Midweek			choppy	calm/rippled	
03 Jun 2021	Midweek			calm/rippled		
04 Jun 2021	Midweek					
05 Jun 2021	Weekend			frequent whitecaps		
06 Jun 2021	Weekend			calm/rippled	choppy	
07 Jun 2021	Midweek			frequent whitecaps		
08 Jun 2021	Midweek					choppy
09 Jun 2021	Midweek					
10 Jun 2021	Midweek	choppy				
11 Jun 2021	Midweek					
12 Jun 2021	Weekend				choppy	choppy
13 Jun 2021	Weekend					
14 Jun 2021	Midweek					
15 Jun 2021	Midweek			calm/rippled		
16 Jun 2021	Midweek	calm/rippled	calm/rippled			
17 Jun 2021	Midweek					calm/rippled
18 Jun 2021	Midweek					
19 Jun 2021	Weekend				choppy	choppy
20 Jun 2021	Weekend	calm/rippled			calm/rippled	
21 Jun 2021	Midweek			calm/rippled		
22 Jun 2021	Midweek			calm/rippled		
23 Jun 2021	Midweek			frequent whitecaps	calm/rippled	
24 Jun 2021	Midweek					
25 Jun 2021	Midweek					calm/rippled
26 Jun 2021	Weekend					
27 Jun 2021	Weekend			calm/rippled	calm/rippled	
28 Jun 2021	Midweek			calm/rippled		
29 Jun 2021	Midweek				calm/rippled	
30 Jun 2021	Midweek	calm/rippled			choppy	
01 Jul 2021	Weekend					calm/rippled
02 Jul 2021	Midweek					choppy
03 Jul 2021	Weekend			choppy	choppy	