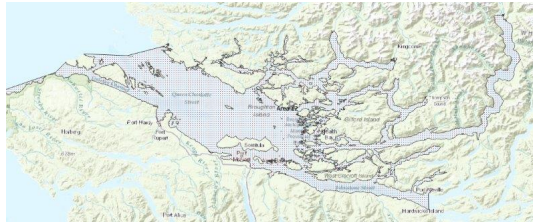


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 12 July 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.

Date	Day Type	Alder Bay Campsite		Bear Cove		Brown's Bay	Port McNeill Ramp		Quarterdeck Marina		Telegraph Cove	
		AM	PM	AM	PM	PM	AM	PM	AM	PM	AM	PM
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		
04 Jul 2021	Weekend								4		4	
05 Jul 2021	Midweek	11							2			
06 Jul 2021	Midweek			6								
07 Jul 2021	Midweek				1							
08 Jul 2021	Midweek											
09 Jul 2021	Midweek							6				
10 Jul 2021	Weekend											
11 Jul 2021	Weekend											
12 Jul 2021	Midweek								3			
13 Jul 2021	Midweek			7								
14 Jul 2021	Midweek							10		1		
15 Jul 2021	Midweek											
16 Jul 2021	Midweek						14					
17 Jul 2021	Weekend				15			28				
18 Jul 2021	Weekend				16							30
19 Jul 2021	Midweek									6		
20 Jul 2021	Midweek								5			
21 Jul 2021	Midweek		28							9		
22 Jul 2021	Midweek											
23 Jul 2021	Midweek										21	
24 Jul 2021	Weekend						12			11		
25 Jul 2021	Weekend									9	24	
26 Jul 2021	Midweek				16							
27 Jul 2021	Midweek				18							
28 Jul 2021	Midweek				16							31
29 Jul 2021	Midweek							21				
30 Jul 2021	Midweek											31
31 Jul 2021	Weekend								1			
01 Aug 2021	Weekend				13	1						22
02 Aug 2021	Weekend									9		
03 Aug 2021	Midweek									4		

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-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	40
04-Jul-2021	Sunday	choppy	10	5	1					
05-Jul-2021	Monday	calm/rippled	17	7	2		10			
06-Jul-2021	Tuesday	calm/rippled	6	1	1		2			
07-Jul-2021	Wednesday	calm/rippled	1							
08-Jul-2021	Thursday		3		2					
09-Jul-2021	Friday	choppy	6				2			
10-Jul-2021	Saturday		0					38	1134	52
11-Jul-2021	Sunday		1		1					
12-Jul-2021	Monday	calm/rippled	4	2			1			
13-Jul-2021	Tuesday	choppy	8	4	4		4			
14-Jul-2021	Wednesday	choppy	15				1			
15-Jul-2021	Thursday		4	3	3			85	1000	125
16-Jul-2021	Friday	calm/rippled	14	9			7			
17-Jul-2021	Saturday	calm/rippled	46	35	24		14			
18-Jul-2021	Sunday	calm/rippled	47	19	13		9	132	1021	166
19-Jul-2021	Monday	calm/rippled	6	1	3		2			
20-Jul-2021	Tuesday	calm/rippled	5	5	2					
21-Jul-2021	Wednesday	calm/rippled	42	14	26		1	75	0908	112
22-Jul-2021	Thursday		0							
23-Jul-2021	Friday	calm/rippled	21	11	2		3			
24-Jul-2021	Saturday	calm/rippled	24	6	33		5			
25-Jul-2021	Sunday	calm/rippled	38	21	31		8			
26-Jul-2021	Monday	calm/rippled	18	12	20			68	1011	95
27-Jul-2021	Tuesday	calm/rippled	20	4	17			112	1001	159
28-Jul-2021	Wednesday	calm/rippled	48	14	50		9			
29-Jul-2021	Thursday	choppy	21	4	13		2			
30-Jul-2021	Friday	calm/rippled	31	4	25		1			
31-Jul-2021	Saturday	calm/rippled	1	1				28	1054	35
01-Aug-2021	Sunday	choppy	37	14			3			
02-Aug-2021	Monday (B.C. Day)	choppy	9	4	4					
03-Aug-2021	Tuesday	calm/rippled	6	7						
	Totals	calm/rippled	308	95	170		45	85*		123*
	Totals	calm/rippled	189	91	103		39	57*		73*

* 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	73	10	730	0.481	0.545		0.206	351	398		150
Midweek	123	21	2583	0.308	0.552		0.146	796	1426		377

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	July	5507	1674	2629	33	568
2017	July	4406	2834	3267	5	337
2018	July	5679	4205	2701	7	254
2019	July	3845	1274	1484	3	181
2020	July	2728	960	1183	0	515
2021	July	3699	1478	2164		644
5-Yr Avg	July	4433	2189	2253	10	371

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	180	8%	11%	165	10%	12%	19
Chinook	171	12%	26%	139	12%	32%	44

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	497	5%
iRec Anglers	8132	2%

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

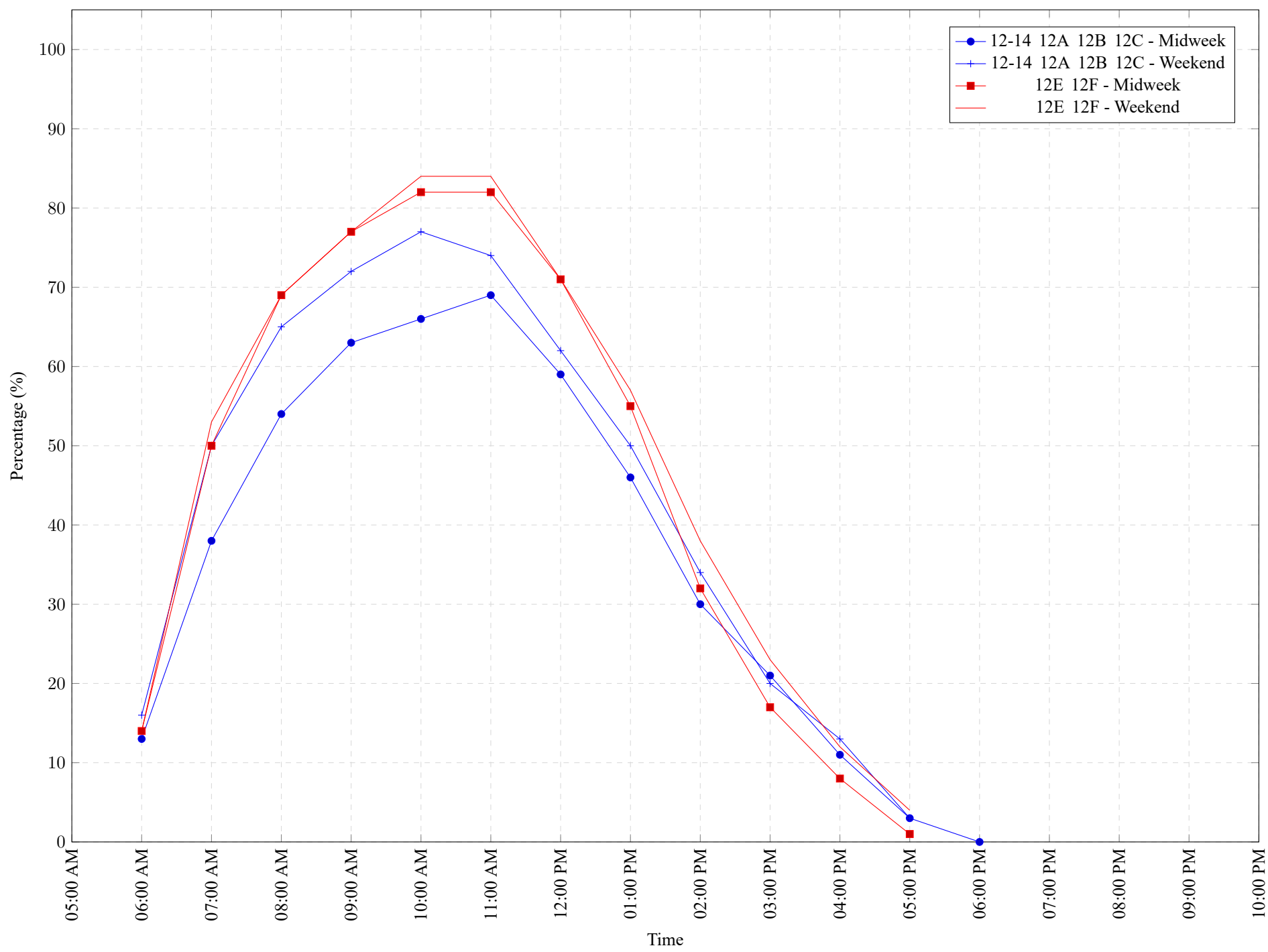


Table 7: Proportion of each day's fishing by hour.

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
12-14	12A	12B	12C	Midweek	13%	38%	54%	63%	66%	69%	59%	46%	30%	21%	11%	3%	0%	0%	0%	0%	0%
12-14	12A	12B	12C	Weekend	16%	50%	65%	72%	77%	74%	62%	50%	34%	20%	13%	3%	0%	0%	0%	0%	0%
	12E	12F		Midweek	14%	50%	69%	77%	82%	82%	71%	55%	32%	17%	8%	1%	0%	0%	0%	0%	0%
	12E	12F		Weekend	14%	53%	69%	77%	84%	84%	71%	57%	38%	23%	12%	4%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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