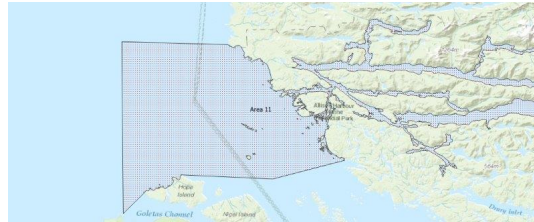


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 11 August 2020



Prepared By:
South Coast Salmon Stock Assessment Section

Tuesday 16th February, 2021



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	Bear Cove		Port McNeill Ramp PM	Quarterdeck Marina	
		AM	PM		AM	PM
29 Jul 2020	Midweek			1		
30 Jul 2020	Midweek					
31 Jul 2020	Midweek		3			
01 Aug 2020	Weekend		8			
02 Aug 2020	Weekend					14
03 Aug 2020	Weekend					9
04 Aug 2020	Midweek		5			
05 Aug 2020	Midweek					10
06 Aug 2020	Midweek					
07 Aug 2020	Midweek					14
08 Aug 2020	Weekend		10		11	
09 Aug 2020	Weekend		8			
10 Aug 2020	Midweek					
11 Aug 2020	Midweek					
12 Aug 2020	Midweek					
13 Aug 2020	Midweek					
14 Aug 2020	Midweek					10
15 Aug 2020	Weekend					14
16 Aug 2020	Weekend					
17 Aug 2020	Midweek	3			6	
18 Aug 2020	Midweek					11
19 Aug 2020	Midweek					
20 Aug 2020	Midweek					
21 Aug 2020	Midweek					
22 Aug 2020	Weekend					11
23 Aug 2020	Weekend	4				
24 Aug 2020	Midweek					8
25 Aug 2020	Midweek		4		4	
26 Aug 2020	Midweek					
27 Aug 2020	Midweek					
28 Aug 2020	Midweek					8
29 Aug 2020	Weekend					
30 Aug 2020	Weekend					3
31 Aug 2020	Midweek					
01 Sep 2020	Midweek					
02 Sep 2020	Midweek					
03 Sep 2020	Midweek					

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-Jul-2020	Wednesday	calm/rippled	1				1			
30-Jul-2020	Thursday		0							
31-Jul-2020	Friday	calm/rippled	3	3			2			
01-Aug-2020	Saturday	calm/rippled	8	6	10		8	22	0957	33
02-Aug-2020	Sunday	choppy	14	43	13		2			
03-Aug-2020	Monday (B.C. Day)	calm/rippled	9	18	10		2			
04-Aug-2020	Tuesday	calm/rippled	5	5	2		2			
05-Aug-2020	Wednesday	frequent whitecaps	10	19	11		1	13	1001	18
06-Aug-2020	Thursday		0							
07-Aug-2020	Friday	choppy	14	23	6		3			
08-Aug-2020	Saturday	calm/rippled	21	23	26		12			
09-Aug-2020	Sunday	calm/rippled	8	5	8					
10-Aug-2020	Monday		0							
11-Aug-2020	Tuesday		0							
12-Aug-2020	Wednesday		0							
13-Aug-2020	Thursday		0					19	1004	27
14-Aug-2020	Friday	choppy	10	22	15		1			
15-Aug-2020	Saturday	calm/rippled	14	17	10		4	22	0922	34
16-Aug-2020	Sunday		0							
17-Aug-2020	Monday	calm/rippled	9	11	8					
18-Aug-2020	Tuesday	calm/rippled	11	20	3		2			
19-Aug-2020	Wednesday		0							
20-Aug-2020	Thursday		0							
21-Aug-2020	Friday		0							
22-Aug-2020	Saturday	calm/rippled	11	11	19		3	12	1039	17
23-Aug-2020	Sunday	calm/rippled	4	1	3		2			
24-Aug-2020	Monday	choppy	8	8	7		3	10	0911	14
25-Aug-2020	Tuesday	calm/rippled	8	4	17		1			
26-Aug-2020	Wednesday		0					7	0940	9
27-Aug-2020	Thursday		0							
28-Aug-2020	Friday	choppy	8	2	4		2			
29-Aug-2020	Saturday		0							
30-Aug-2020	Sunday	frequent whitecaps	3							
31-Aug-2020	Monday		0							
01-Sep-2020	Tuesday		0							
02-Sep-2020	Wednesday		0							
03-Sep-2020	Thursday		0							
	Totals	choppy	83	114	73		15	12*		17*
	Totals	calm/rippled	92	124	99		33	19*		28*

* 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	28	11	308	1.3480	1.0760		0.3590	415	331		111
Midweek	17	20	340	1.3730	0.88		0.1810	467	299		62

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	August	325	325	259		168
2016	August	671	1434	750		172
2017	August	358	779	145		251
2018	August	516	919	242	1	190
2019	August	454	562	163		99
2020	August	636	840	514		127
5-Yr Avg	August	465	804	312	1	176

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
---------	--------------------	-----------------	-----------------------	-------------------	----------------	----------------------	-----------------------

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
-------------	--------------------------	-------------------

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

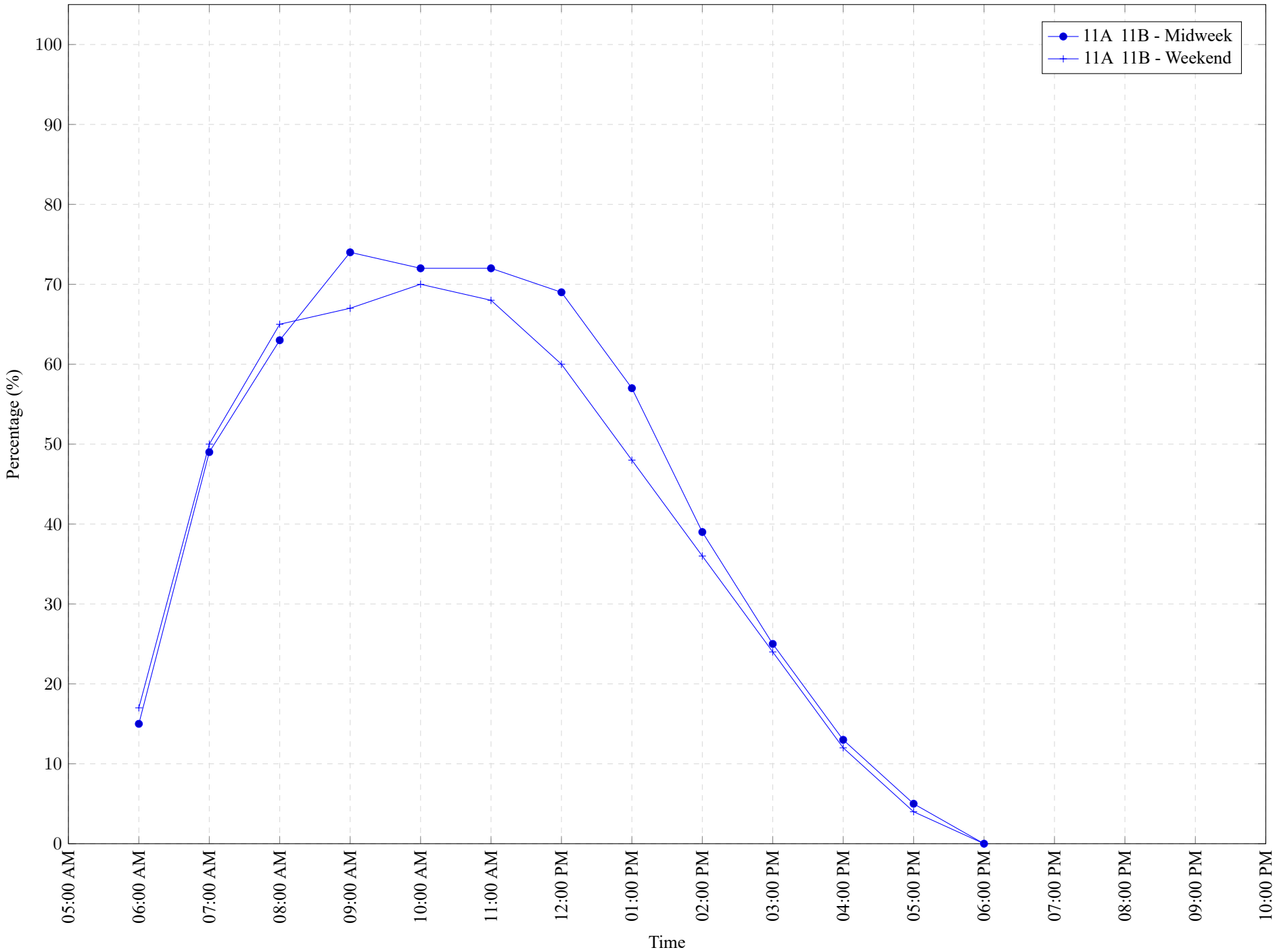


Table 7: Proportion of each day's fishing by hour.

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
11A	11B	Midweek	15%	49%	63%	74%	72%	72%	69%	57%	39%	25%	13%	5%	0%	0%	0%	0%	0%
11A	11B	Weekend	17%	50%	65%	67%	70%	68%	60%	48%	36%	24%	12%	4%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Bear Cove	Port McNeill Ramp	Quarterdeck Marina
29 Jul 2020	Midweek		calm/rippled	
30 Jul 2020	Midweek			
31 Jul 2020	Midweek	calm/rippled		
01 Aug 2020	Weekend	calm/rippled		
02 Aug 2020	Weekend			choppy
03 Aug 2020	Weekend			calm/rippled
04 Aug 2020	Midweek	calm/rippled		
05 Aug 2020	Midweek			frequent whitecaps
06 Aug 2020	Midweek			
07 Aug 2020	Midweek			choppy
08 Aug 2020	Weekend	choppy		calm/rippled
09 Aug 2020	Weekend	calm/rippled		
10 Aug 2020	Midweek			
11 Aug 2020	Midweek			
12 Aug 2020	Midweek			
13 Aug 2020	Midweek			
14 Aug 2020	Midweek			choppy
15 Aug 2020	Weekend			calm/rippled
16 Aug 2020	Weekend			
17 Aug 2020	Midweek	calm/rippled		calm/rippled
18 Aug 2020	Midweek			calm/rippled
19 Aug 2020	Midweek			
20 Aug 2020	Midweek			
21 Aug 2020	Midweek			
22 Aug 2020	Weekend			calm/rippled
23 Aug 2020	Weekend	calm/rippled		
24 Aug 2020	Midweek			choppy
25 Aug 2020	Midweek	calm/rippled		calm/rippled
26 Aug 2020	Midweek			
27 Aug 2020	Midweek			
28 Aug 2020	Midweek			choppy
29 Aug 2020	Weekend			
30 Aug 2020	Weekend			frequent whitecaps
31 Aug 2020	Midweek			
01 Sep 2020	Midweek			
02 Sep 2020	Midweek			
03 Sep 2020	Midweek			