

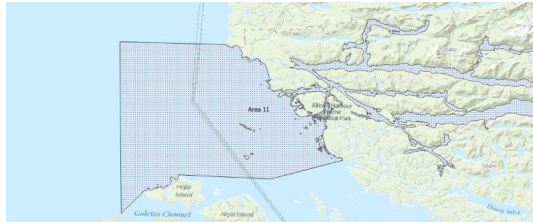
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 11 July 2020



*Prepared By:*

South Coast Salmon Stock Assessment Section

Saturday 13<sup>th</sup> February, 2021



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

Date	Day Type	Bear Cove		Port McNeill Ramp		Quarterdeck Marina	
		AM	PM	AM	PM	AM	PM
28 Jun 2020	Weekend						8
29 Jun 2020	Midweek		2				
30 Jun 2020	Midweek		1				
01 Jul 2020	Weekend						
02 Jul 2020	Midweek						
03 Jul 2020	Midweek				1	5	
04 Jul 2020	Weekend		16	1			
05 Jul 2020	Weekend		14				
06 Jul 2020	Midweek						12
07 Jul 2020	Midweek		3				
08 Jul 2020	Midweek						
09 Jul 2020	Midweek						
10 Jul 2020	Midweek						
11 Jul 2020	Weekend						4
12 Jul 2020	Weekend						5
13 Jul 2020	Midweek						
14 Jul 2020	Midweek		9				9
15 Jul 2020	Midweek						
16 Jul 2020	Midweek						
17 Jul 2020	Midweek	1					
18 Jul 2020	Weekend	2					
19 Jul 2020	Weekend		1			4	
20 Jul 2020	Midweek					2	
21 Jul 2020	Midweek	3					
22 Jul 2020	Midweek						
23 Jul 2020	Midweek						
24 Jul 2020	Midweek						8
25 Jul 2020	Weekend		5				
26 Jul 2020	Weekend						6
27 Jul 2020	Midweek	1					
28 Jul 2020	Midweek					5	
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

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-2020	Sunday	choppy	8	15	1					
29-Jun-2020	Monday	choppy	2	4				6	1042	9
30-Jun-2020	Tuesday	frequent whitecaps	1	2						
01-Jul-2020	Wednesday (Canada Day)		0							
02-Jul-2020	Thursday		0							
03-Jul-2020	Friday	choppy	6	14	1					
04-Jul-2020	Saturday	choppy	17	35	1		6	38	0749	75
05-Jul-2020	Sunday	calm/rippled	14	24	4		5			
06-Jul-2020	Monday	calm/rippled	12	26			2			
07-Jul-2020	Tuesday	choppy	3	8			1	4	0927	7
08-Jul-2020	Wednesday		0							
09-Jul-2020	Thursday		0							
10-Jul-2020	Friday		0							
11-Jul-2020	Saturday	calm/rippled	4	5	1		7			
12-Jul-2020	Sunday	calm/rippled	5	14	11		5			
13-Jul-2020	Monday		0					11	0916	17
14-Jul-2020	Tuesday	calm/rippled	18	28	5		9			
15-Jul-2020	Wednesday		0							
16-Jul-2020	Thursday		0							
17-Jul-2020	Friday	choppy	1	2			2			
18-Jul-2020	Saturday	choppy	2	6			2	14	0915	19
19-Jul-2020	Sunday	choppy	5	9	2		8			
20-Jul-2020	Monday	calm/rippled	2	12	10		1			
21-Jul-2020	Tuesday	choppy	3	7	1					
22-Jul-2020	Wednesday		0							
23-Jul-2020	Thursday		0							
24-Jul-2020	Friday	choppy	8	24	23		3			
25-Jul-2020	Saturday	calm/rippled	5	4	3		4	15	0927	20
26-Jul-2020	Sunday	calm/rippled	6	20	10		4			
27-Jul-2020	Monday	choppy	1	6	1					
28-Jul-2020	Tuesday	choppy	5	21	23		2	6	1111	9
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	30
02-Aug-2020	Sunday	choppy	14	43	13		2			
03-Aug-2020	Monday (B.C. Day)	calm/rippled	9	18	10		2			
	Totals	choppy	63	151	64		23	7*		11*
	Totals	calm/rippled	58	117	32		41	22*		38*

\* 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	11	22	242	2.3970	1.0160		0.3650	580	246		88
Weekend	38	9	342	2.0170	0.5520		0.7070	690	189		242

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	July	495	1078	614		487
2016	July	675	1413	131	1	596
2017	July	661	1877	290		601
2018	July	702	1589	156		420
2019	July	647	1265	59		117
2020	July	544	1193	393		281
5-Yr Avg	July	636	1444	250	1	444

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

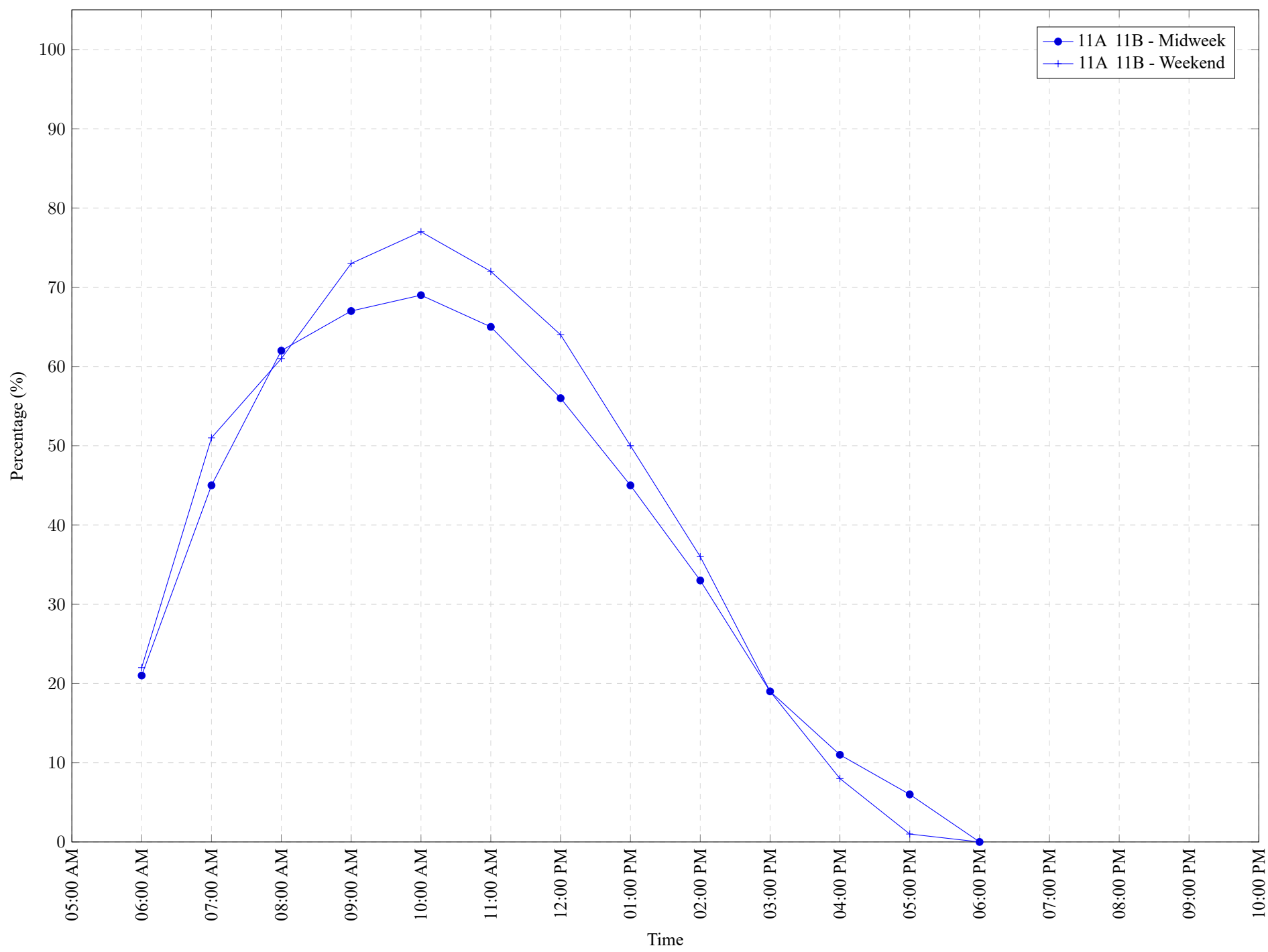


Table 7: Proportion of each day's fishing by hour.

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	21%	45%	62%	67%	69%	65%	56%	45%	33%	19%	11%	6%	0%	0%	0%	0%	0%
11A	11B	Weekend	22%	51%	61%	73%	77%	72%	64%	50%	36%	19%	8%	1%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

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