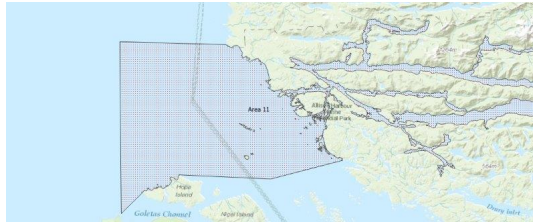


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 11 August 2019



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



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		Quarterdeck Marina	
		AM	PM	AM	PM
29 Jul 2019	Midweek	1			
30 Jul 2019	Midweek		3		
31 Jul 2019	Midweek				
01 Aug 2019	Midweek				
02 Aug 2019	Midweek		1		
03 Aug 2019	Weekend		6		
04 Aug 2019	Weekend				6
05 Aug 2019	Weekend	2			
06 Aug 2019	Midweek		3		
07 Aug 2019	Midweek				
08 Aug 2019	Midweek				
09 Aug 2019	Midweek				3
10 Aug 2019	Weekend				6
11 Aug 2019	Weekend				
12 Aug 2019	Midweek				
13 Aug 2019	Midweek	7			
14 Aug 2019	Midweek				
15 Aug 2019	Midweek				
16 Aug 2019	Midweek				
17 Aug 2019	Weekend			1	
18 Aug 2019	Weekend				7
19 Aug 2019	Midweek	4			
20 Aug 2019	Midweek				
21 Aug 2019	Midweek				
22 Aug 2019	Midweek				
23 Aug 2019	Midweek				
24 Aug 2019	Weekend				2
25 Aug 2019	Weekend				
26 Aug 2019	Midweek				
27 Aug 2019	Midweek				1
28 Aug 2019	Midweek				
29 Aug 2019	Midweek				
30 Aug 2019	Midweek				
31 Aug 2019	Weekend				
01 Sep 2019	Weekend				
02 Sep 2019	Weekend				
03 Sep 2019	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-2019	Monday	choppy	1	2						
30-Jul-2019	Tuesday	choppy	3	6	1			11	0944	20
31-Jul-2019	Wednesday		0							
01-Aug-2019	Thursday		0							
02-Aug-2019	Friday	choppy	1	2			1			
03-Aug-2019	Saturday	choppy	6	10	3		1			
04-Aug-2019	Sunday	calm/rippled	6	8	2		1			
05-Aug-2019	Monday (B.C. Day)	calm/rippled	2				1			
06-Aug-2019	Tuesday	calm/rippled	3	3	5					
07-Aug-2019	Wednesday		2				3			
08-Aug-2019	Thursday		0							
09-Aug-2019	Friday	calm/rippled	3	7	3			20	0955	37
10-Aug-2019	Saturday	calm/rippled	7	1			4	14	0948	24
11-Aug-2019	Sunday		0							
12-Aug-2019	Monday		0							
13-Aug-2019	Tuesday	calm/rippled	7	5	2		1			
14-Aug-2019	Wednesday		1				1			
15-Aug-2019	Thursday		0							
16-Aug-2019	Friday		0					7	0947	13
17-Aug-2019	Saturday	calm/rippled	1	4						
18-Aug-2019	Sunday	choppy	7	13	2		3			
19-Aug-2019	Monday	calm/rippled	4	2	1		2			
20-Aug-2019	Tuesday		0					2	0938	4
21-Aug-2019	Wednesday		0							
22-Aug-2019	Thursday		0							
23-Aug-2019	Friday		0							
24-Aug-2019	Saturday	calm/rippled	2	5	1			2	0933	3
25-Aug-2019	Sunday		0							
26-Aug-2019	Monday		0							
27-Aug-2019	Tuesday	calm/rippled	1	7						
28-Aug-2019	Wednesday		0							
29-Aug-2019	Thursday		0							
30-Aug-2019	Friday		0					0	1129	0
31-Aug-2019	Saturday		0							
01-Sep-2019	Sunday		0							
02-Sep-2019	Monday (Labour Day)		0							
03-Sep-2019	Tuesday		0							
	Totals	calm/rippled	22	26	11		8	7*		14*
	Totals	calm/rippled	31	41	8		10	8*		14*

* 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	14	10	140	1.3230	0.2580		0.3230	185	36		45
Midweek	14	21	294	1.1820	0.50		0.3640	348	147		107

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	August	398	394	431		350
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
5-Yr Avg	August	454	770	365	1	226

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.

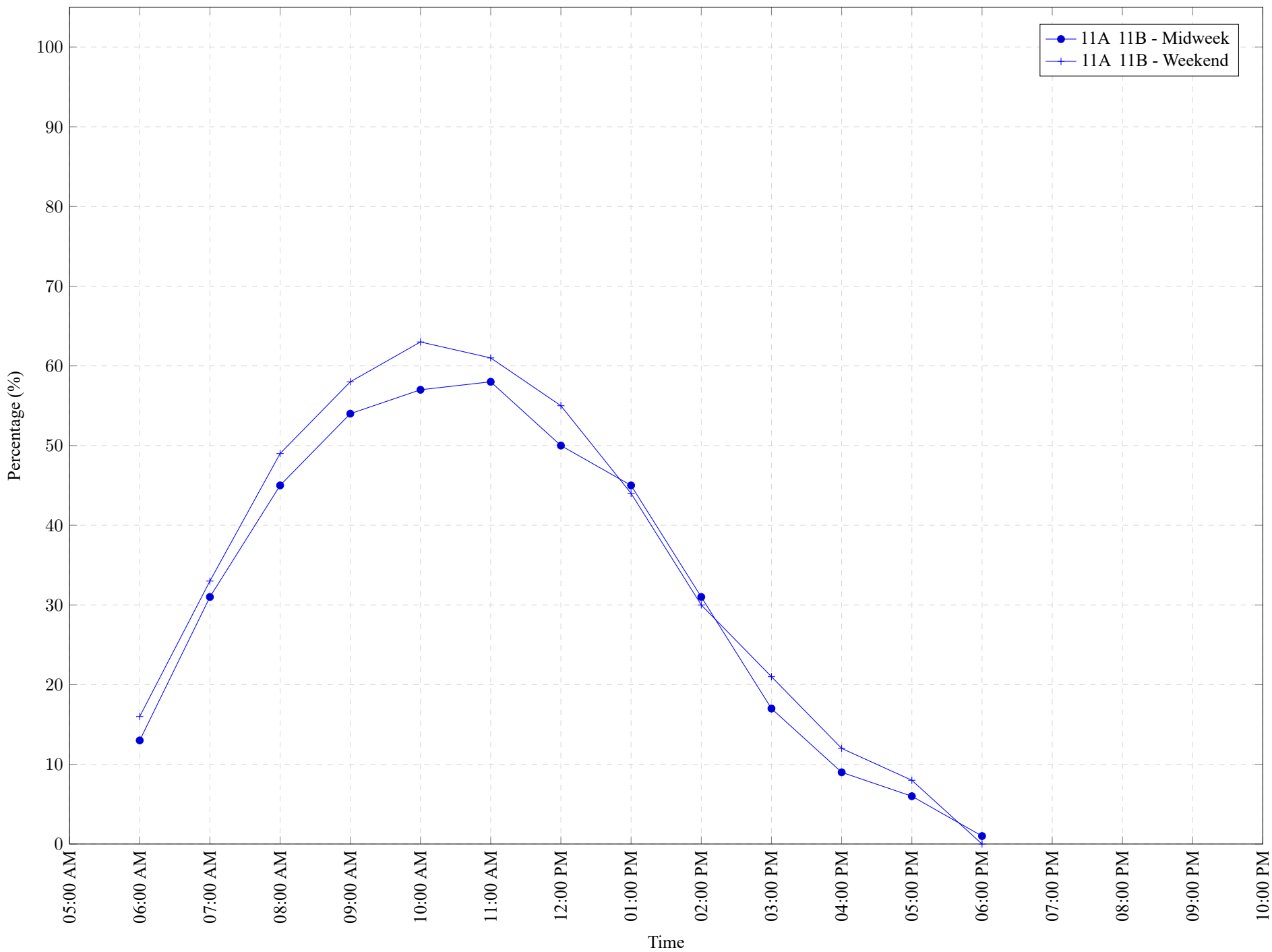


Table 7: Proportion of each day's fishing by hour.

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	13%	31%	45%	54%	57%	58%	50%	45%	31%	17%	9%	6%	1%	0%	0%	0%	0%
11A	11B	Weekend	16%	33%	49%	58%	63%	61%	55%	44%	30%	21%	12%	8%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Bear Cove	Quarterdeck Marina
29 Jul 2019	Midweek	choppy	
30 Jul 2019	Midweek	choppy	
31 Jul 2019	Midweek		
01 Aug 2019	Midweek		
02 Aug 2019	Midweek	choppy	
03 Aug 2019	Weekend	choppy	
04 Aug 2019	Weekend		calm/rippled
05 Aug 2019	Weekend	calm/rippled	
06 Aug 2019	Midweek	calm/rippled	
07 Aug 2019	Midweek		
08 Aug 2019	Midweek		
09 Aug 2019	Midweek		calm/rippled
10 Aug 2019	Weekend		calm/rippled
11 Aug 2019	Weekend		
12 Aug 2019	Midweek		
13 Aug 2019	Midweek	calm/rippled	
14 Aug 2019	Midweek		
15 Aug 2019	Midweek		
16 Aug 2019	Midweek		
17 Aug 2019	Weekend		calm/rippled
18 Aug 2019	Weekend		choppy
19 Aug 2019	Midweek	calm/rippled	
20 Aug 2019	Midweek		
21 Aug 2019	Midweek		
22 Aug 2019	Midweek		
23 Aug 2019	Midweek		
24 Aug 2019	Weekend		calm/rippled
25 Aug 2019	Weekend		
26 Aug 2019	Midweek		
27 Aug 2019	Midweek		calm/rippled
28 Aug 2019	Midweek		
29 Aug 2019	Midweek		
30 Aug 2019	Midweek		
31 Aug 2019	Weekend		
01 Sep 2019	Weekend		
02 Sep 2019	Weekend		
03 Sep 2019	Midweek		