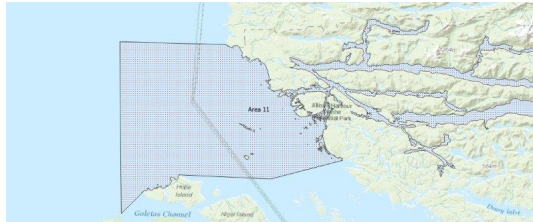


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 11 August 2021



Prepared By:

South Coast Salmon Stock Assessment Section

Sunday 6th 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	Bear Cove		Quarterdeck Marina	
		AM	PM	AM	PM
29 Jul 2021	Midweek				
30 Jul 2021	Midweek				
31 Jul 2021	Weekend			5	
01 Aug 2021	Weekend		2		
02 Aug 2021	Weekend				3
03 Aug 2021	Midweek				4
04 Aug 2021	Midweek				2
05 Aug 2021	Midweek				
06 Aug 2021	Midweek				
07 Aug 2021	Weekend		3		
08 Aug 2021	Weekend				18
09 Aug 2021	Midweek	1			
10 Aug 2021	Midweek			7	
11 Aug 2021	Midweek		1		
12 Aug 2021	Midweek				
13 Aug 2021	Midweek				
14 Aug 2021	Weekend				
15 Aug 2021	Weekend				13
16 Aug 2021	Midweek			12	
17 Aug 2021	Midweek				15
18 Aug 2021	Midweek		2		
19 Aug 2021	Midweek				
20 Aug 2021	Midweek				
21 Aug 2021	Weekend			7	
22 Aug 2021	Weekend				16
23 Aug 2021	Midweek		2		
24 Aug 2021	Midweek	3			
25 Aug 2021	Midweek				6
26 Aug 2021	Midweek				5
27 Aug 2021	Midweek				
28 Aug 2021	Weekend				
29 Aug 2021	Weekend				
30 Aug 2021	Midweek				
31 Aug 2021	Midweek				
01 Sep 2021	Midweek				
02 Sep 2021	Midweek				
03 Sep 2021	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-2021	Thursday		5	10	3		6			
30-Jul-2021	Friday		8	18	3		4			
31-Jul-2021	Saturday	calm/rippled	6	16	3		1			
01-Aug-2021	Sunday	frequent whitecaps	10	10	8		2			
02-Aug-2021	Monday (B.C. Day)	choppy	10	17	5		1			
03-Aug-2021	Tuesday	calm/rippled	7	11	3		1			
04-Aug-2021	Wednesday	calm/rippled	9	9	5		4	3	1038	5
05-Aug-2021	Thursday		5	8	4		1			
06-Aug-2021	Friday		6	23	6					
07-Aug-2021	Saturday	choppy	10	21	5			18	1110	24
08-Aug-2021	Sunday	frequent whitecaps	20	49	21		5			
09-Aug-2021	Monday	choppy	6	11	1		1			
10-Aug-2021	Tuesday	calm/rippled	13	43	12		13			
11-Aug-2021	Wednesday	frequent whitecaps	5	13	6					
12-Aug-2021	Thursday		3	6	1		5	1	0934	2
13-Aug-2021	Friday		0							
14-Aug-2021	Saturday		6	12	1		1	32	0932	49
15-Aug-2021	Sunday	choppy	18	17	7		14			
16-Aug-2021	Monday	frequent whitecaps	17	20	9		3			
17-Aug-2021	Tuesday	choppy	17	51	11		6			
18-Aug-2021	Wednesday	choppy	5	11	2		3			
19-Aug-2021	Thursday		2	7	1			4	1134	7
20-Aug-2021	Friday		4	10	1		2	9	0930	14
21-Aug-2021	Saturday	frequent whitecaps	13	24	7		5			
22-Aug-2021	Sunday	choppy	23	55	23		20	11	0926	17
23-Aug-2021	Monday	calm/rippled	7	9	5		6			
24-Aug-2021	Tuesday	calm/rippled	5	1	2		1			
25-Aug-2021	Wednesday	calm/rippled	9	18	13		8			
26-Aug-2021	Thursday	calm/rippled	9	21	8		3			
27-Aug-2021	Friday		0							
28-Aug-2021	Saturday		3	4	5		6			
29-Aug-2021	Sunday		0							
30-Aug-2021	Monday		0							
31-Aug-2021	Tuesday		0							
01-Sep-2021	Wednesday		0							
02-Sep-2021	Thursday		0							
03-Sep-2021	Friday		0							
	Totals	choppy	129	272	90		57	4*		7*
	Totals	choppy	113	209	82		54	20*		30*

* 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	7	21	147	2.109	0.698		0.442	310	103		65
Weekend	30	10	300	1.85	0.726		0.478	555	218		143

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
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
2021	August	449	824	339		148
5-Yr Avg	August	527	907	363	1	168

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.

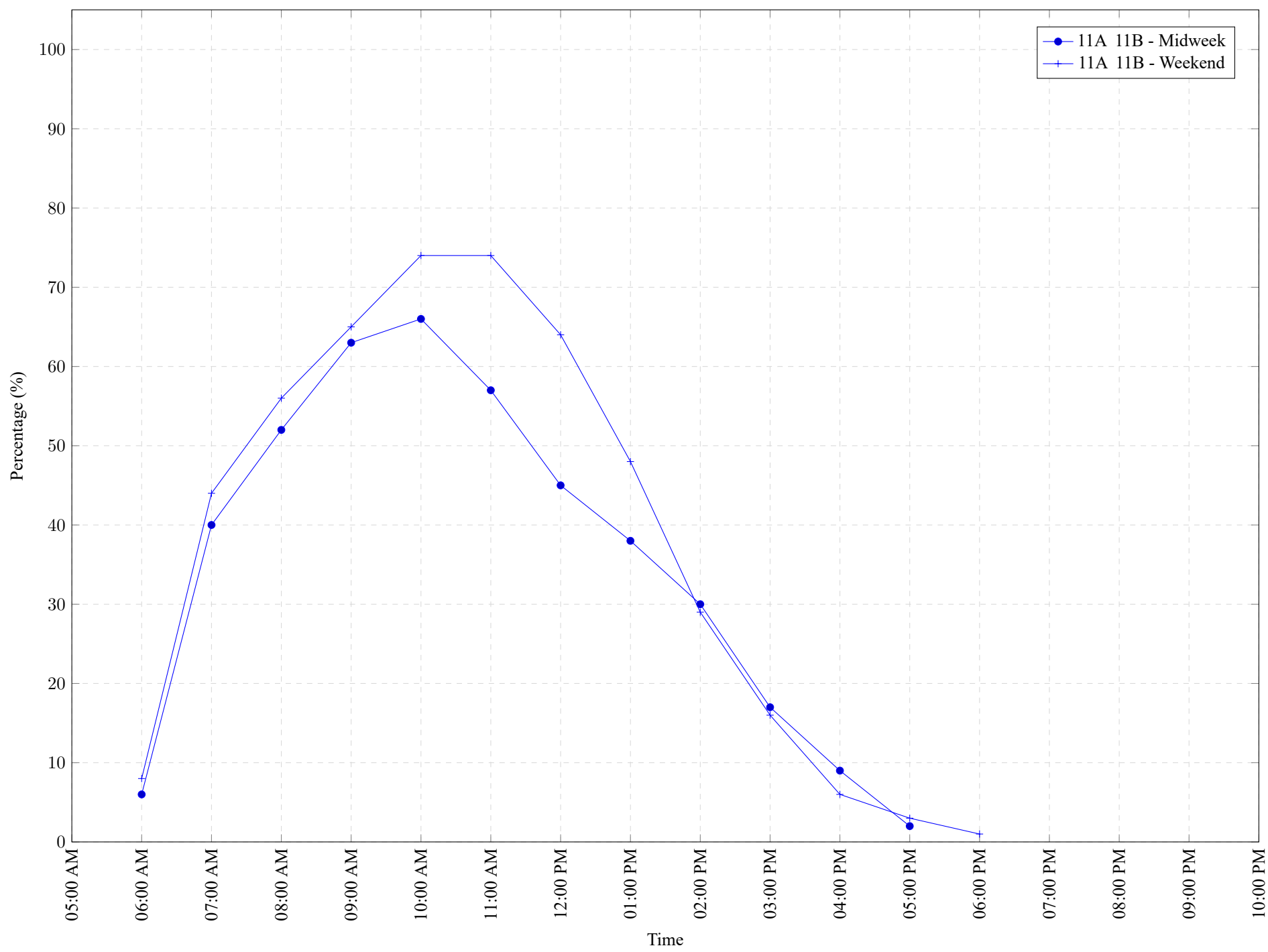


Table 7: Proportion of each day's fishing by hour.

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	6%	40%	52%	63%	66%	57%	45%	38%	30%	17%	9%	2%	0%	0%	0%	0%	0%
11A	11B	Weekend	8%	44%	56%	65%	74%	74%	64%	48%	29%	16%	6%	3%	1%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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