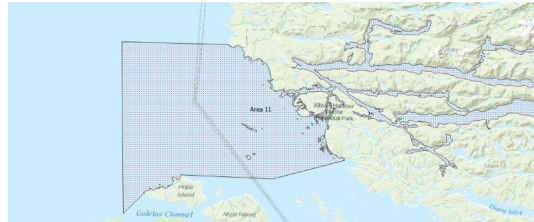


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 11 July 2022



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



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	Quarterdeck Marina	
		AM	PM	AM	AM	PM
28 Jun 2022	Midweek		11			
29 Jun 2022	Midweek				4	
30 Jun 2022	Midweek	5				
01 Jul 2022	Weekend				4	
02 Jul 2022	Weekend			3		
03 Jul 2022	Weekend					
04 Jul 2022	Midweek	1				
05 Jul 2022	Midweek		5			
06 Jul 2022	Midweek					7
07 Jul 2022	Midweek				5	
08 Jul 2022	Midweek					
09 Jul 2022	Weekend	6				
10 Jul 2022	Weekend		1			
11 Jul 2022	Midweek		4			
12 Jul 2022	Midweek				6	
13 Jul 2022	Midweek				10	
14 Jul 2022	Midweek					
15 Jul 2022	Midweek					
16 Jul 2022	Weekend	2				
17 Jul 2022	Weekend					11
18 Jul 2022	Midweek					
19 Jul 2022	Midweek		1			
20 Jul 2022	Midweek					12
21 Jul 2022	Midweek					
22 Jul 2022	Midweek					
23 Jul 2022	Weekend				12	
24 Jul 2022	Weekend		4			
25 Jul 2022	Midweek					9
26 Jul 2022	Midweek		4			
27 Jul 2022	Midweek		6			
28 Jul 2022	Midweek					
29 Jul 2022	Midweek					
30 Jul 2022	Weekend				7	
31 Jul 2022	Weekend		1			
01 Aug 2022	Weekend					7
02 Aug 2022	Midweek					
03 Aug 2022	Midweek				5	

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-2022	Tuesday	calm/rippled	13	25	3		2			
29-Jun-2022	Wednesday	choppy	4	12			5	9	1055	12
30-Jun-2022	Thursday	choppy	6	13	6					
01-Jul-2022	Friday (Canada Day)	choppy	6	11	2					
02-Jul-2022	Saturday	calm/rippled	4	10	3					
03-Jul-2022	Sunday		0							
04-Jul-2022	Monday	choppy	1	3						
05-Jul-2022	Tuesday	choppy	5	10			5	16	1103	20
06-Jul-2022	Wednesday	calm/rippled	9	14	7		12			
07-Jul-2022	Thursday	choppy	6	16	2		1			
08-Jul-2022	Friday		0							
09-Jul-2022	Saturday	choppy	6	3			2			
10-Jul-2022	Sunday	frequent whitecaps	2					19	0933	24
11-Jul-2022	Monday	choppy	4	1	2		1			
12-Jul-2022	Tuesday	choppy	8	15	25		9			
13-Jul-2022	Wednesday	choppy	14	17	26		21			
14-Jul-2022	Thursday		2	1				8	0942	10
15-Jul-2022	Friday		2	3	3		1			
16-Jul-2022	Saturday	calm/rippled	4	4	3		4	21	1009	27
17-Jul-2022	Sunday	choppy	16	22	19		7			
18-Jul-2022	Monday		0							
19-Jul-2022	Tuesday	choppy	7	1	9		2	12	1057	15
20-Jul-2022	Wednesday	choppy	15	21	24		27			
21-Jul-2022	Thursday		2	1	2		1			
22-Jul-2022	Friday		2		3		2			
23-Jul-2022	Saturday	choppy	15	22	24					
24-Jul-2022	Sunday	choppy	8	6	8					
25-Jul-2022	Monday	frequent whitecaps	16	18	34		3			
26-Jul-2022	Tuesday	calm/rippled	12	2	15		1			
27-Jul-2022	Wednesday	calm/rippled	8	4	7					
28-Jul-2022	Thursday		0							
29-Jul-2022	Friday		6	15	8		3	18	1015	21
30-Jul-2022	Saturday	choppy	13	6	53		9			
31-Jul-2022	Sunday	choppy	5	3	19		2			
01-Aug-2022	Monday (B.C. Day)	frequent whitecaps	9	7	20					
02-Aug-2022	Tuesday		3		9					
03-Aug-2022	Wednesday	choppy	13	18	28		15			
	Totals	choppy	119	142	167		89	14*		17*
	Totals	choppy	79	87	131		24	20*		26*

* 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	26	11	286	1.101	1.658		0.304	315	474		87
Midweek	17	20	340	1.193	1.403		0.748	406	477		254

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	July	661	1877	290		601
2018	July	702	1589	156		420
2019	July	647	1265	59		117
2020	July	544	1193	393		281
2021	July	505	1211	207		178
2022	July	629	705	906		366
5-Yr Avg	July	612	1427	221		319

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.

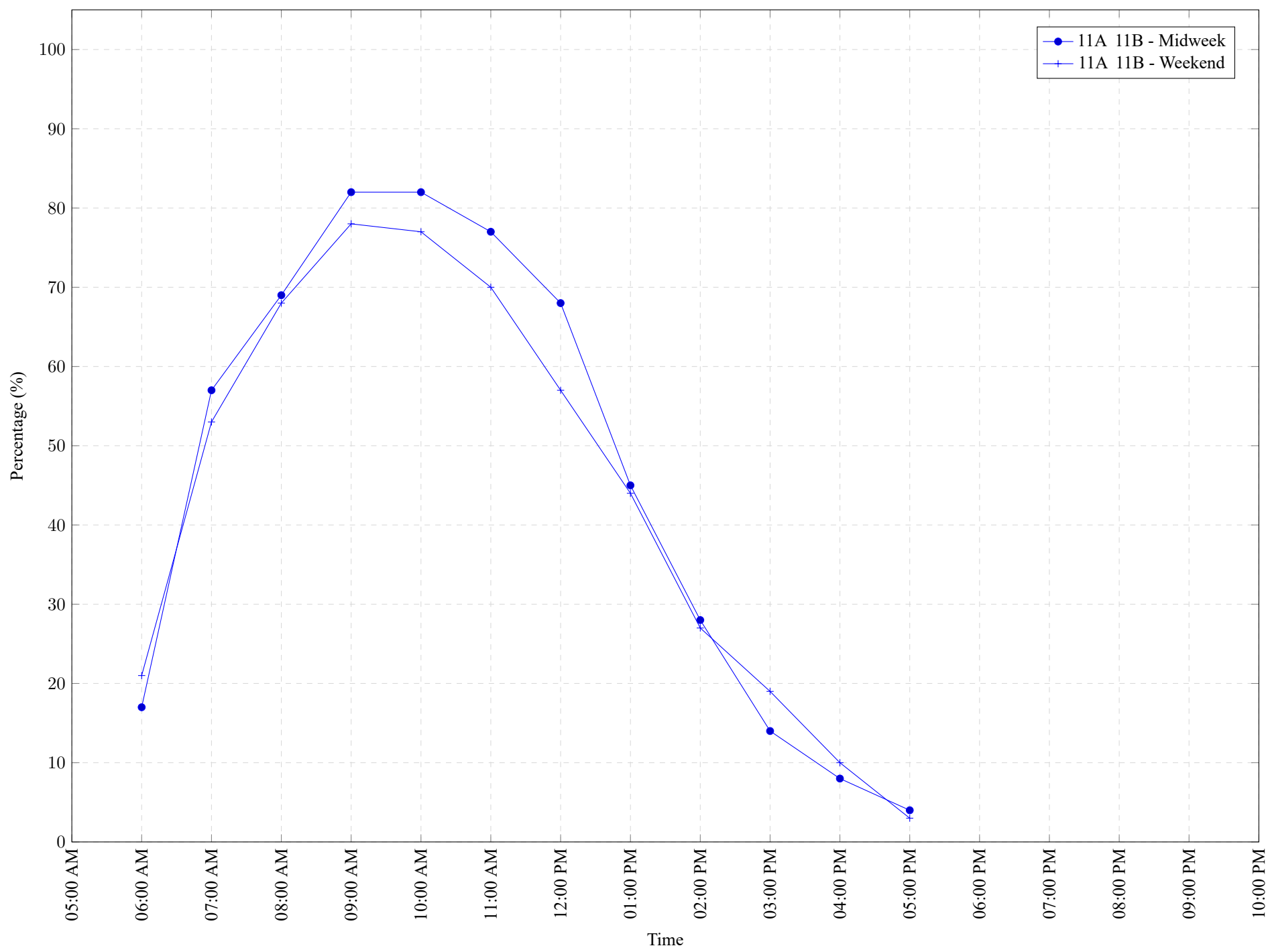


Table 7: Proportion of each day's fishing by hour.

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	17%	57%	69%	82%	82%	77%	68%	45%	28%	14%	8%	4%	0%	0%	0%	0%	0%
11A	11B	Weekend	21%	53%	68%	78%	77%	70%	57%	44%	27%	19%	10%	3%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Bear Cove	Port McNeill Ramp	Quarterdeck Marina
28 Jun 2022	Midweek	calm/rippled		
29 Jun 2022	Midweek			choppy
30 Jun 2022	Midweek	choppy		
01 Jul 2022	Weekend			choppy
02 Jul 2022	Weekend		calm/rippled	
03 Jul 2022	Weekend			
04 Jul 2022	Midweek	choppy		
05 Jul 2022	Midweek	choppy		
06 Jul 2022	Midweek			calm/rippled
07 Jul 2022	Midweek			choppy
08 Jul 2022	Midweek			
09 Jul 2022	Weekend	choppy		
10 Jul 2022	Weekend	frequent whitecaps		
11 Jul 2022	Midweek	choppy		
12 Jul 2022	Midweek			choppy
13 Jul 2022	Midweek			choppy
14 Jul 2022	Midweek			
15 Jul 2022	Midweek			
16 Jul 2022	Weekend	calm/rippled		
17 Jul 2022	Weekend			choppy
18 Jul 2022	Midweek			
19 Jul 2022	Midweek	choppy		
20 Jul 2022	Midweek			choppy
21 Jul 2022	Midweek			
22 Jul 2022	Midweek			
23 Jul 2022	Weekend			choppy
24 Jul 2022	Weekend	choppy		
25 Jul 2022	Midweek			frequent whitecaps
26 Jul 2022	Midweek	calm/rippled		
27 Jul 2022	Midweek	calm/rippled		
28 Jul 2022	Midweek			
29 Jul 2022	Midweek			
30 Jul 2022	Weekend			choppy
31 Jul 2022	Weekend	choppy		
01 Aug 2022	Weekend			frequent whitecaps
02 Aug 2022	Midweek			
03 Aug 2022	Midweek			choppy