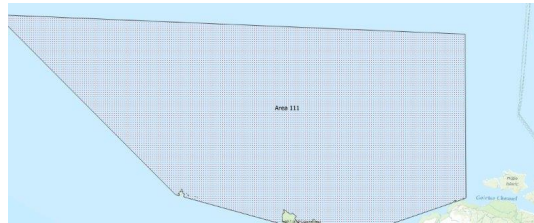


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 111 June 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
29 May 2022	Weekend					
30 May 2022	Midweek					
31 May 2022	Midweek					
01 Jun 2022	Midweek					
02 Jun 2022	Midweek					
03 Jun 2022	Midweek					
04 Jun 2022	Weekend				1	
05 Jun 2022	Weekend					
06 Jun 2022	Midweek					
07 Jun 2022	Midweek					3
08 Jun 2022	Midweek					
09 Jun 2022	Midweek					
10 Jun 2022	Midweek					
11 Jun 2022	Weekend	1				
12 Jun 2022	Weekend					1
13 Jun 2022	Midweek					
14 Jun 2022	Midweek					
15 Jun 2022	Midweek					
16 Jun 2022	Midweek					
17 Jun 2022	Midweek					
18 Jun 2022	Weekend					
19 Jun 2022	Weekend					1
20 Jun 2022	Midweek		3			
21 Jun 2022	Midweek		1			
22 Jun 2022	Midweek					
23 Jun 2022	Midweek					
24 Jun 2022	Midweek	1				
25 Jun 2022	Weekend					
26 Jun 2022	Weekend		2			
27 Jun 2022	Midweek					1
28 Jun 2022	Midweek		3			
29 Jun 2022	Midweek				1	
30 Jun 2022	Midweek					
01 Jul 2022	Weekend			1		
02 Jul 2022	Weekend					
03 Jul 2022	Weekend					

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-May-2022	Sunday		0							
30-May-2022	Monday		1	8			6			
31-May-2022	Tuesday		0							
01-Jun-2022	Wednesday		0							
02-Jun-2022	Thursday		0							
03-Jun-2022	Friday		0							
04-Jun-2022	Saturday	choppy	1	4			3			
05-Jun-2022	Sunday		2	5				4	0945	6
06-Jun-2022	Monday		0							
07-Jun-2022	Tuesday	calm/rippled	4	10			13			
08-Jun-2022	Wednesday		0							
09-Jun-2022	Thursday		1	4			6	0	0922	0
10-Jun-2022	Friday		0							
11-Jun-2022	Saturday	choppy	1	1				7	0922	10
12-Jun-2022	Sunday	choppy	1	1			3			
13-Jun-2022	Monday		0							
14-Jun-2022	Tuesday		0							
15-Jun-2022	Wednesday		0					3	0933	4
16-Jun-2022	Thursday		0							
17-Jun-2022	Friday		0							
18-Jun-2022	Saturday		0					15	0936	22
19-Jun-2022	Sunday	calm/rippled	3	16			2			
20-Jun-2022	Monday	calm/rippled	3	10			2			
21-Jun-2022	Tuesday	choppy	1	3						
22-Jun-2022	Wednesday		0							
23-Jun-2022	Thursday		0							
24-Jun-2022	Friday	choppy	1					10	1135	12
25-Jun-2022	Saturday		1				5			
26-Jun-2022	Sunday	choppy	2				1			
27-Jun-2022	Monday	calm/rippled	1				1			
28-Jun-2022	Tuesday	calm/rippled	3	4						
29-Jun-2022	Wednesday	choppy	1				2	13	1049	16
30-Jun-2022	Thursday		0							
01-Jul-2022	Friday (Canada Day)		0							
02-Jul-2022	Saturday	calm/rippled	2				3			
03-Jul-2022	Sunday		0							
	Totals	calm/rippled	15	31			24	7*		8*
	Totals	choppy	11	27			14	9*		13*

* 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	13	8	104	2.455			1.273	255			132
Midweek	8	22	176	2.067			1.6	364			282

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	June	6	39			16
2019	June	620	1730	19		210
2020	June	39	171			6
2021	June	509	1157	237		158
2022	June	275	595			323
5-Yr Avg	June	294	774	128		98

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
Chinook	60	10%	2%	108	60%	1%	1

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	25	33%
iRec Anglers	262	32%

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

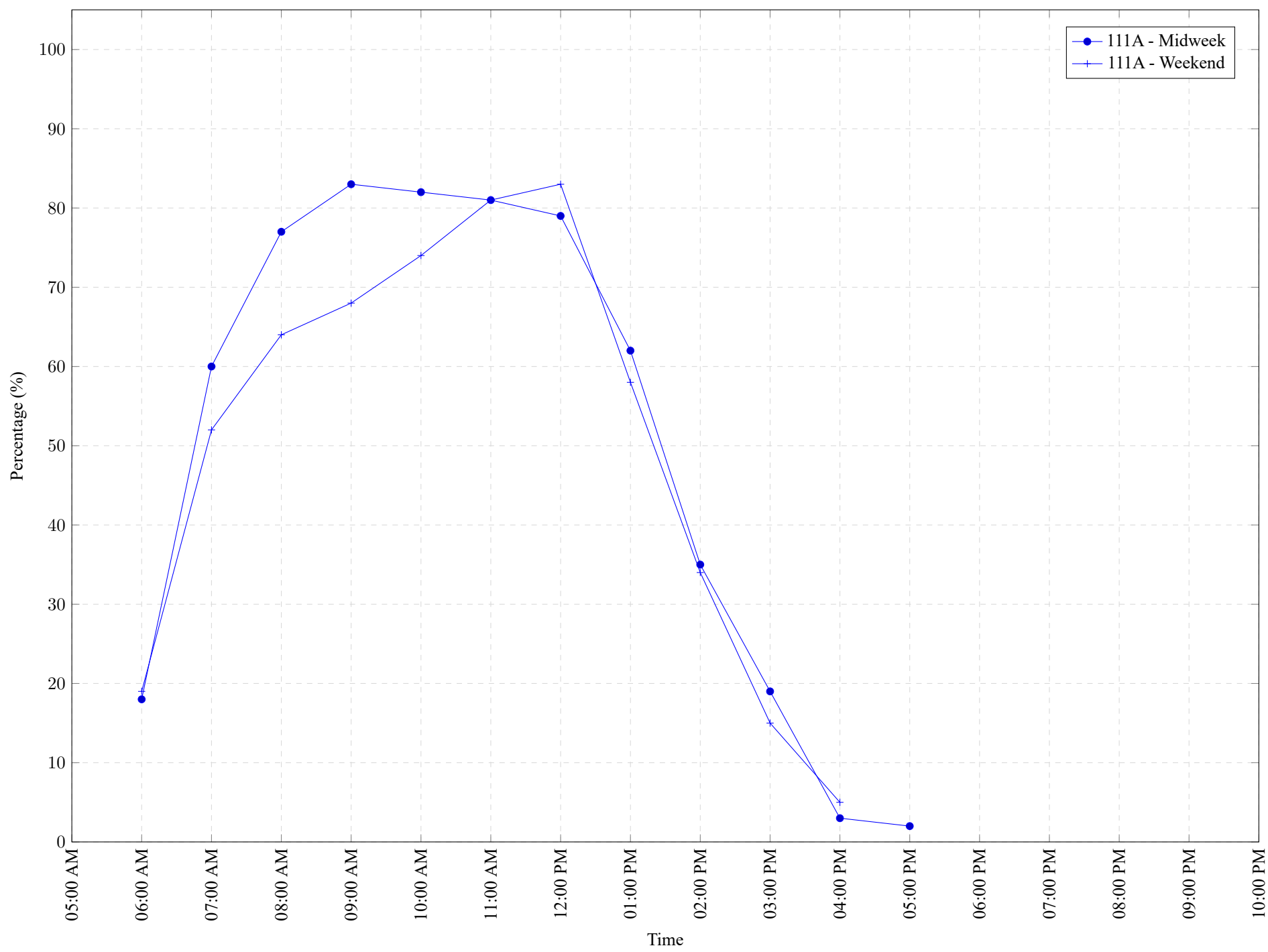


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
111A	Midweek	18%	60%	77%	83%	82%	81%	79%	62%	35%	19%	3%	2%	0%	0%	0%	0%	0%
111A	Weekend	19%	52%	64%	68%	74%	81%	83%	58%	34%	15%	5%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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