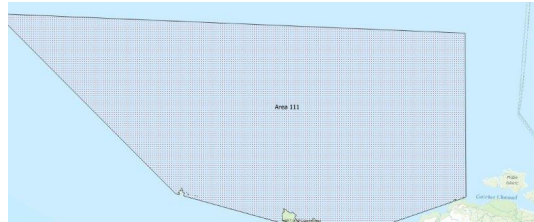


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 111 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 AM	Quarter- deck Marina AM
		AM	PM		
28 Jun 2022	Midweek		3		
29 Jun 2022	Midweek				1
30 Jun 2022	Midweek				
01 Jul 2022	Weekend				
02 Jul 2022	Weekend			1	
03 Jul 2022	Weekend				
04 Jul 2022	Midweek				
05 Jul 2022	Midweek				
06 Jul 2022	Midweek				
07 Jul 2022	Midweek				
08 Jul 2022	Midweek				
09 Jul 2022	Weekend				
10 Jul 2022	Weekend				
11 Jul 2022	Midweek				
12 Jul 2022	Midweek				
13 Jul 2022	Midweek				1
14 Jul 2022	Midweek				
15 Jul 2022	Midweek				
16 Jul 2022	Weekend	1			
17 Jul 2022	Weekend				
18 Jul 2022	Midweek				
19 Jul 2022	Midweek				
20 Jul 2022	Midweek				
21 Jul 2022	Midweek				
22 Jul 2022	Midweek				
23 Jul 2022	Weekend				
24 Jul 2022	Weekend		1		
25 Jul 2022	Midweek				
26 Jul 2022	Midweek				
27 Jul 2022	Midweek				
28 Jul 2022	Midweek				
29 Jul 2022	Midweek				
30 Jul 2022	Weekend				
31 Jul 2022	Weekend				
01 Aug 2022	Weekend				
02 Aug 2022	Midweek				
03 Aug 2022	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
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							
04-Jul-2022	Monday		0							
05-Jul-2022	Tuesday		0					4	1057	5
06-Jul-2022	Wednesday		1				3			
07-Jul-2022	Thursday		0							
08-Jul-2022	Friday		0							
09-Jul-2022	Saturday		0							
10-Jul-2022	Sunday		0					1	0927	1
11-Jul-2022	Monday		0							
12-Jul-2022	Tuesday		0							
13-Jul-2022	Wednesday	choppy	1	1			3			
14-Jul-2022	Thursday		0					10	0937	12
15-Jul-2022	Friday		0							
16-Jul-2022	Saturday	calm/rippled	1	4				10	1004	13
17-Jul-2022	Sunday		0							
18-Jul-2022	Monday		0							
19-Jul-2022	Tuesday		0					3	1101	4
20-Jul-2022	Wednesday		2		3		4			
21-Jul-2022	Thursday		0							
22-Jul-2022	Friday		0							
23-Jul-2022	Saturday		0							
24-Jul-2022	Sunday	choppy	1					1	0934	1
25-Jul-2022	Monday		0							
26-Jul-2022	Tuesday		0							
27-Jul-2022	Wednesday		0							
28-Jul-2022	Thursday		1				4			
29-Jul-2022	Friday		1				1	2	1010	2
30-Jul-2022	Saturday		0							
31-Jul-2022	Sunday		1				2			
01-Aug-2022	Monday (B.C. Day)		0							
02-Aug-2022	Tuesday		0							
03-Aug-2022	Wednesday		0							
	Totals	choppy	6	1	3		15	5*		6*
	Totals	calm/rippled	5	4			5	4*		5*

* 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	5	11	55	0.8			1	44			55
Midweek	6	20	120	0.167	0.5		2.5	20	60		300

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	613	1426	80		194
2020	July	130	380	14		87
2021	July	353	1246	228		197
2022	July	176	188	3		391
5-Yr Avg	July	365	1017	107		159

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
Creel Interivews	10	28%
iRec Anglers	167	25%

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

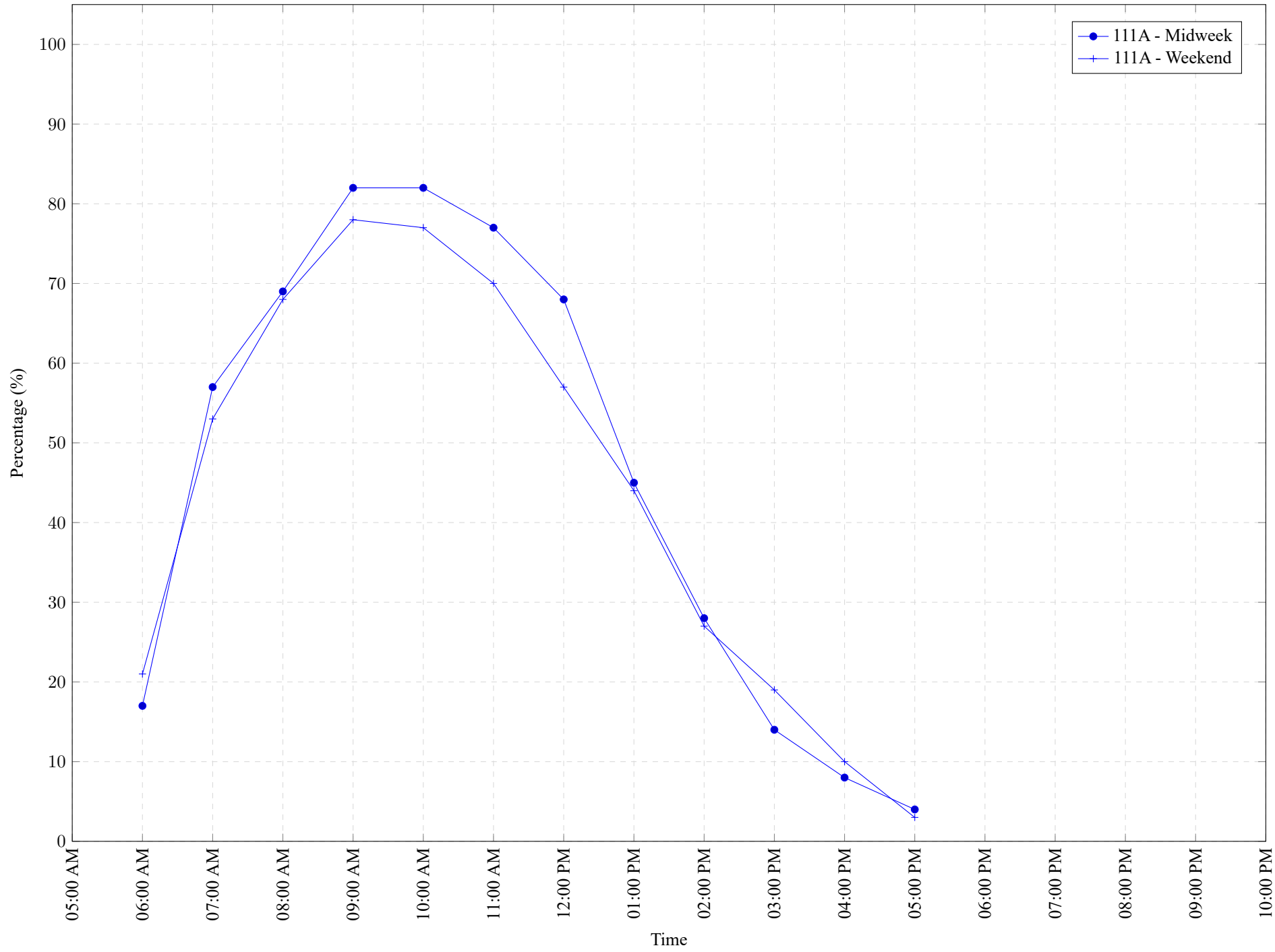


Table 7: Proportion of each day's fishing by hour.

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	17%	57%	69%	82%	82%	77%	68%	45%	28%	14%	8%	4%	0%	0%	0%	0%	0%
111A	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		choppy
29 Jun 2022	Midweek			
30 Jun 2022	Midweek			
01 Jul 2022	Weekend	calm/rippled		
02 Jul 2022	Weekend			
03 Jul 2022	Weekend			
04 Jul 2022	Midweek			
05 Jul 2022	Midweek			
06 Jul 2022	Midweek			
07 Jul 2022	Midweek			
08 Jul 2022	Midweek			
09 Jul 2022	Weekend			
10 Jul 2022	Weekend			
11 Jul 2022	Midweek			
12 Jul 2022	Midweek			
13 Jul 2022	Midweek			choppy
14 Jul 2022	Midweek			
15 Jul 2022	Midweek			
16 Jul 2022	Weekend	calm/rippled		
17 Jul 2022	Weekend			
18 Jul 2022	Midweek			
19 Jul 2022	Midweek			
20 Jul 2022	Midweek			
21 Jul 2022	Midweek			
22 Jul 2022	Midweek			
23 Jul 2022	Weekend			
24 Jul 2022	Weekend	choppy		
25 Jul 2022	Midweek			
26 Jul 2022	Midweek			
27 Jul 2022	Midweek			
28 Jul 2022	Midweek			
29 Jul 2022	Midweek			
30 Jul 2022	Weekend			
31 Jul 2022	Weekend			
01 Aug 2022	Weekend			
02 Aug 2022	Midweek			
03 Aug 2022	Midweek			