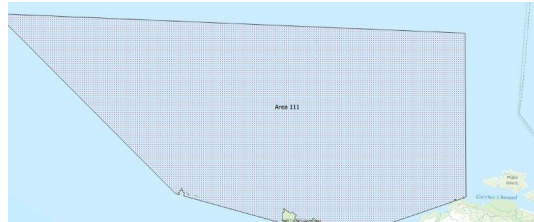


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 111 July 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	Quarter- deck Marina
		AM	PM
28 Jun 2019	Midweek		
29 Jun 2019	Weekend		
30 Jun 2019	Weekend		
01 Jul 2019	Weekend		
02 Jul 2019	Midweek		
03 Jul 2019	Midweek		
04 Jul 2019	Midweek		
05 Jul 2019	Midweek		
06 Jul 2019	Weekend		
07 Jul 2019	Weekend		
08 Jul 2019	Midweek		
09 Jul 2019	Midweek		
10 Jul 2019	Midweek		
11 Jul 2019	Midweek		
12 Jul 2019	Midweek		
13 Jul 2019	Weekend		
14 Jul 2019	Weekend		
15 Jul 2019	Midweek		
16 Jul 2019	Midweek		
17 Jul 2019	Midweek		
18 Jul 2019	Midweek		
19 Jul 2019	Midweek		
20 Jul 2019	Weekend		
21 Jul 2019	Weekend		1
22 Jul 2019	Midweek		
23 Jul 2019	Midweek		
24 Jul 2019	Midweek		
25 Jul 2019	Midweek		
26 Jul 2019	Midweek		
27 Jul 2019	Weekend		
28 Jul 2019	Weekend		
29 Jul 2019	Midweek	1	
30 Jul 2019	Midweek		
31 Jul 2019	Midweek		
01 Aug 2019	Midweek		
02 Aug 2019	Midweek		
03 Aug 2019	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
28-Jun-2019	Friday		0					18	0939	33
29-Jun-2019	Saturday		0							
30-Jun-2019	Sunday		0					11	0939	18
01-Jul-2019	Monday (Canada Day)		0							
02-Jul-2019	Tuesday		0							
03-Jul-2019	Wednesday		0					7	1116	12
04-Jul-2019	Thursday		0							
05-Jul-2019	Friday		0							
06-Jul-2019	Saturday		0					39	1117	57
07-Jul-2019	Sunday		1				1			
08-Jul-2019	Monday		1				1			
09-Jul-2019	Tuesday		0							
10-Jul-2019	Wednesday		0							
11-Jul-2019	Thursday		0					2	0933	4
12-Jul-2019	Friday		0							
13-Jul-2019	Saturday		0							
14-Jul-2019	Sunday		0					26	1124	38
15-Jul-2019	Monday		0							
16-Jul-2019	Tuesday		0							
17-Jul-2019	Wednesday		0							
18-Jul-2019	Thursday		0							
19-Jul-2019	Friday		0							
20-Jul-2019	Saturday		0							
21-Jul-2019	Sunday	calm/rippled	1	1	1					
22-Jul-2019	Monday		0							
23-Jul-2019	Tuesday		0							
24-Jul-2019	Wednesday		0							
25-Jul-2019	Thursday		0							
26-Jul-2019	Friday		0							
27-Jul-2019	Saturday		0							
28-Jul-2019	Sunday		0					25	0949	42
29-Jul-2019	Monday	choppy	2	10	2		3			
30-Jul-2019	Tuesday		1				2	7	0939	13
31-Jul-2019	Wednesday		0							
01-Aug-2019	Thursday		0							
02-Aug-2019	Friday		0							
03-Aug-2019	Saturday		0							
	Totals	choppy	4	10	2		6	5*		10*
	Totals	calm/rippled	2	1	1		1	30*		46*

* 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	46	9	414	0.50	0.50		0.50	207	207		207
Midweek	10	22	220	2.50	0.50		1.50	550	110		330

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

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	82	6%	11%	33	6%	27%	9

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	146	23%
iRec Anglers	591	57%
iRec Responses	25	68%

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

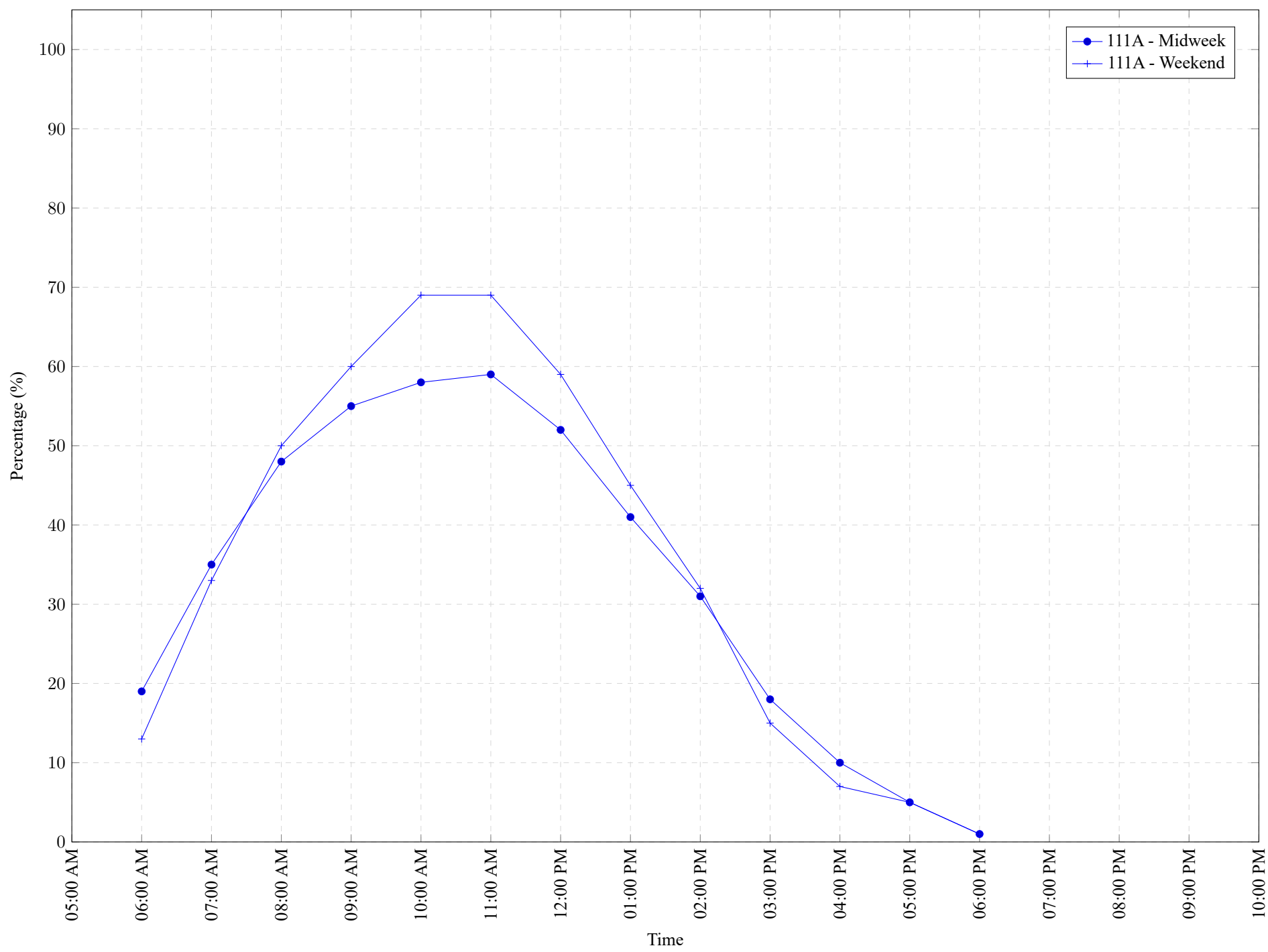


Table 7: Proportion of each day's fishing by hour.

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
111A	Midweek	19%	35%	48%	55%	58%	59%	52%	41%	31%	18%	10%	5%	1%	0%	0%	0%	0%
111A	Weekend	13%	33%	50%	60%	69%	69%	59%	45%	32%	15%	7%	5%	1%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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