

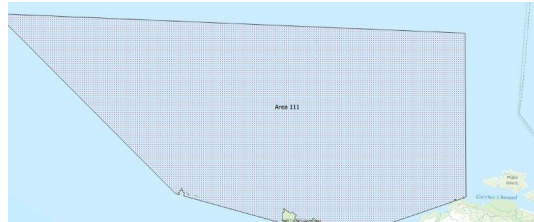
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 111 August 2021



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Sunday 6<sup>th</sup> February, 2022



Fisheries and Oceans  
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**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			4	
01 Aug 2021	Weekend		6		
02 Aug 2021	Weekend				13
03 Aug 2021	Midweek				15
04 Aug 2021	Midweek				13
05 Aug 2021	Midweek				
06 Aug 2021	Midweek				
07 Aug 2021	Weekend		5		
08 Aug 2021	Weekend				1
09 Aug 2021	Midweek	1			
10 Aug 2021	Midweek			1	
11 Aug 2021	Midweek		1		
12 Aug 2021	Midweek				
13 Aug 2021	Midweek				
14 Aug 2021	Weekend				
15 Aug 2021	Weekend				
16 Aug 2021	Midweek				
17 Aug 2021	Midweek				
18 Aug 2021	Midweek				
19 Aug 2021	Midweek				
20 Aug 2021	Midweek				
21 Aug 2021	Weekend				
22 Aug 2021	Weekend				
23 Aug 2021	Midweek				
24 Aug 2021	Midweek				
25 Aug 2021	Midweek				
26 Aug 2021	Midweek				
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		0							
30-Jul-2021	Friday		0							
31-Jul-2021	Saturday	calm/rippled	7	16	1		7			
01-Aug-2021	Sunday	frequent whitecaps	8	16	4		8			
02-Aug-2021	Monday (B.C. Day)	choppy	13	38	16		14			
03-Aug-2021	Tuesday	calm/rippled	17	50	26		10			
04-Aug-2021	Wednesday	calm/rippled	13	39	8		5	16	1033	24
05-Aug-2021	Thursday		1	3	2					
06-Aug-2021	Friday		0							
07-Aug-2021	Saturday	choppy	5	8	4		3	0	1107	0
08-Aug-2021	Sunday	frequent whitecaps	4	4	2		3			
09-Aug-2021	Monday	choppy	1	4						
10-Aug-2021	Tuesday	calm/rippled	2	1			1			
11-Aug-2021	Wednesday	frequent whitecaps	1	2	1					
12-Aug-2021	Thursday		0					0	0932	0
13-Aug-2021	Friday		0							
14-Aug-2021	Saturday		0					3	0927	5
15-Aug-2021	Sunday		0							
16-Aug-2021	Monday		0							
17-Aug-2021	Tuesday		0							
18-Aug-2021	Wednesday		2				4			
19-Aug-2021	Thursday		0					7	1130	12
20-Aug-2021	Friday		0					5	0927	8
21-Aug-2021	Saturday		0							
22-Aug-2021	Sunday		0					0	0924	0
23-Aug-2021	Monday		1				2			
24-Aug-2021	Tuesday		1				1			
25-Aug-2021	Wednesday		1				3			
26-Aug-2021	Thursday		0							
27-Aug-2021	Friday		0							
28-Aug-2021	Saturday		0							
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	40	99	37		26	7*		11*
	Totals	frequent whitecaps	30	66	26		28	1*		2*

\* 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	11	21	231	2.475	0.925		0.65	572	214		150
Weekend	2	10	20	2.2	0.867		0.933	44	17		19

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	154	258	28		54
2020	August	54	46	28		42
2021	August	265	686	256	0	120
5-Yr Avg	August	104	152	28		48

**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	69	46%
iRec Anglers	245	22%

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

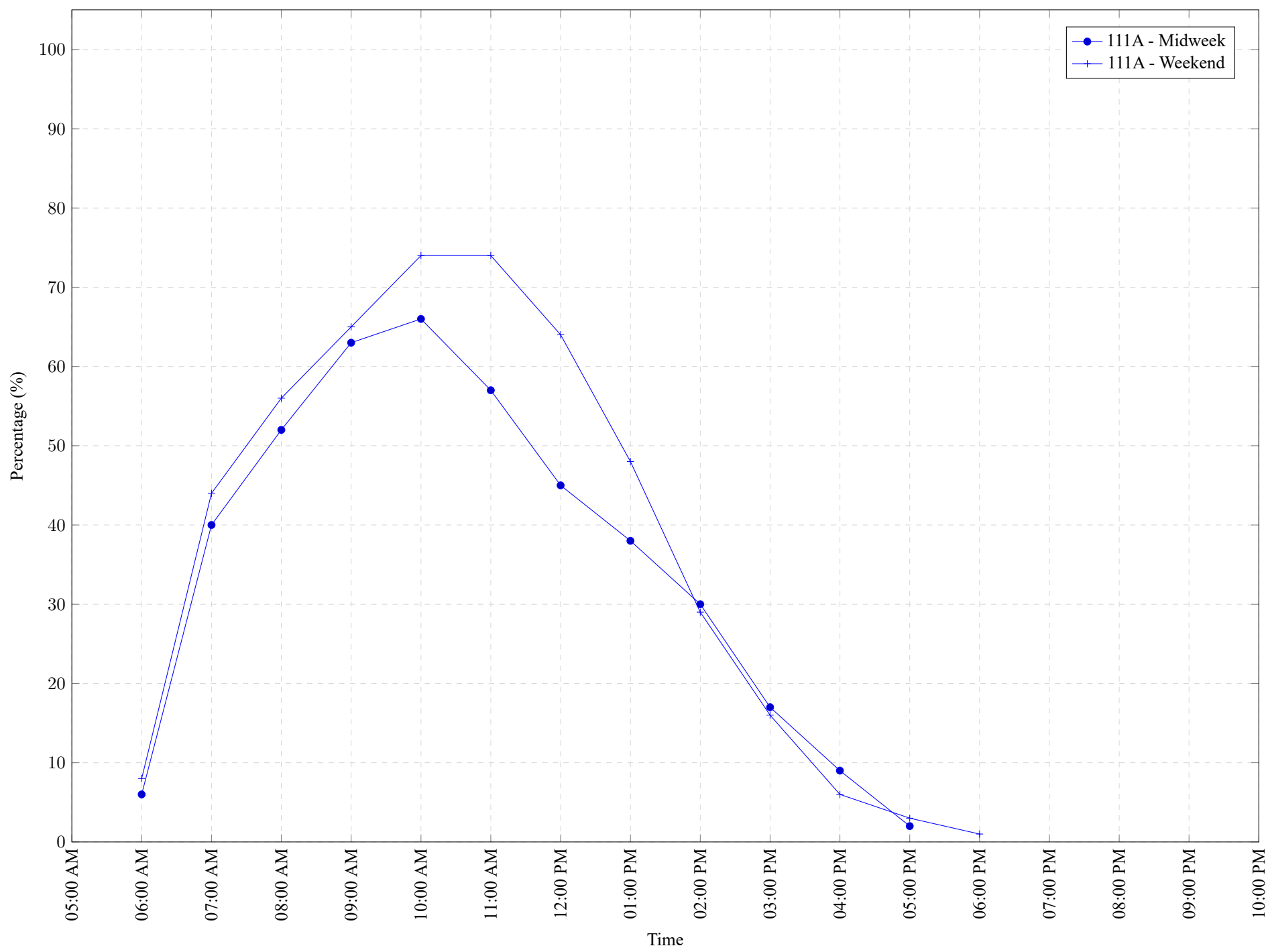


Table 7: Proportion of each day's fishing by hour.

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	6%	40%	52%	63%	66%	57%	45%	38%	30%	17%	9%	2%	0%	0%	0%	0%	0%
111A	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		
16 Aug 2021	Midweek		
17 Aug 2021	Midweek		
18 Aug 2021	Midweek		
19 Aug 2021	Midweek		
20 Aug 2021	Midweek		
21 Aug 2021	Weekend		
22 Aug 2021	Weekend		
23 Aug 2021	Midweek		
24 Aug 2021	Midweek		
25 Aug 2021	Midweek		
26 Aug 2021	Midweek		
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		