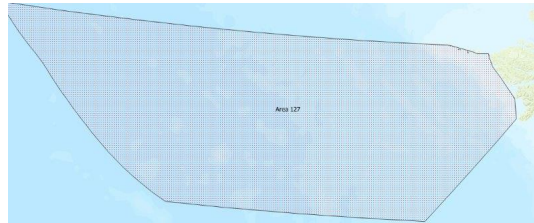


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 127 June 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 17th August, 2024



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	Quarter-deck Marina	Winter Harbour Ramp	
		PM	AM	PM
29 May 2024	Midweek			
30 May 2024	Midweek			
31 May 2024	Midweek			
01 Jun 2024	Weekend			
02 Jun 2024	Weekend			
03 Jun 2024	Midweek			
04 Jun 2024	Midweek			
05 Jun 2024	Midweek			
06 Jun 2024	Midweek			
07 Jun 2024	Midweek			
08 Jun 2024	Weekend			
09 Jun 2024	Weekend			
10 Jun 2024	Midweek			
11 Jun 2024	Midweek			
12 Jun 2024	Midweek			
13 Jun 2024	Midweek			
14 Jun 2024	Midweek			
15 Jun 2024	Weekend			
16 Jun 2024	Weekend	1		
17 Jun 2024	Midweek			
18 Jun 2024	Midweek			
19 Jun 2024	Midweek		2	
20 Jun 2024	Midweek		3	
21 Jun 2024	Midweek			13
22 Jun 2024	Weekend		2	
23 Jun 2024	Weekend			4
24 Jun 2024	Midweek			
25 Jun 2024	Midweek			
26 Jun 2024	Midweek		5	
27 Jun 2024	Midweek			8
28 Jun 2024	Midweek			15
29 Jun 2024	Weekend		3	
30 Jun 2024	Weekend		3	
01 Jul 2024	Weekend			
02 Jul 2024	Midweek			
03 Jul 2024	Midweek			2

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-2024	Wednesday		0							
30-May-2024	Thursday		0							
31-May-2024	Friday		0							
01-Jun-2024	Saturday		2	2	4					
02-Jun-2024	Sunday		0							
03-Jun-2024	Monday		0							
04-Jun-2024	Tuesday		0							
05-Jun-2024	Wednesday		0							
06-Jun-2024	Thursday		0					15	1004	21
07-Jun-2024	Friday		0							
08-Jun-2024	Saturday		0							
09-Jun-2024	Sunday		0					2	0933	2
10-Jun-2024	Monday		0							
11-Jun-2024	Tuesday		0							
12-Jun-2024	Wednesday		0							
13-Jun-2024	Thursday		0							
14-Jun-2024	Friday		0					20	0929	29
15-Jun-2024	Saturday		0							
16-Jun-2024	Sunday	choppy	2				5	11	0918	12
17-Jun-2024	Monday		0							
18-Jun-2024	Tuesday		0							
19-Jun-2024	Wednesday	calm/rippled	6	7			5			
20-Jun-2024	Thursday	choppy	3	3	2			10	0915	14
21-Jun-2024	Friday	calm/rippled	19	18			19			
22-Jun-2024	Saturday	choppy	4	21	1					
23-Jun-2024	Sunday	frequent whitecaps	7	14	2		2			
24-Jun-2024	Monday		5	18			6			
25-Jun-2024	Tuesday		10	69			1			
26-Jun-2024	Wednesday	frequent whitecaps	12	25			8			
27-Jun-2024	Thursday	choppy	13	6	2		12			
28-Jun-2024	Friday	choppy	22	24	3		18	18	0924	25
29-Jun-2024	Saturday	frequent whitecaps	3	9	10					
30-Jun-2024	Sunday	calm/rippled	7	18	5		8			
01-Jul-2024	Monday (Canada Day)		5				17			
02-Jul-2024	Tuesday		7	5	1		5			
03-Jul-2024	Wednesday	frequent whitecaps	4	11			6			
	Totals	choppy	90	170	7		69	16*		22*
	Totals	choppy	25	64	22		15	7*		7*

* 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	7	10	70	2.56	0.88		0.6	179	62		42
Midweek	22	20	440	1.889	0.078		0.767	831	34		337

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	June	240	200	38		267
2020	June	172	9	4		123
2021	June	124	20	39		56
2022	June	395	96	56		528
2023	June	292	116	49		186
2024	June	526	63	31		403
5-Yr Avg	June	245	88	37		232

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	59	27%
iRec Anglers	608	45%

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

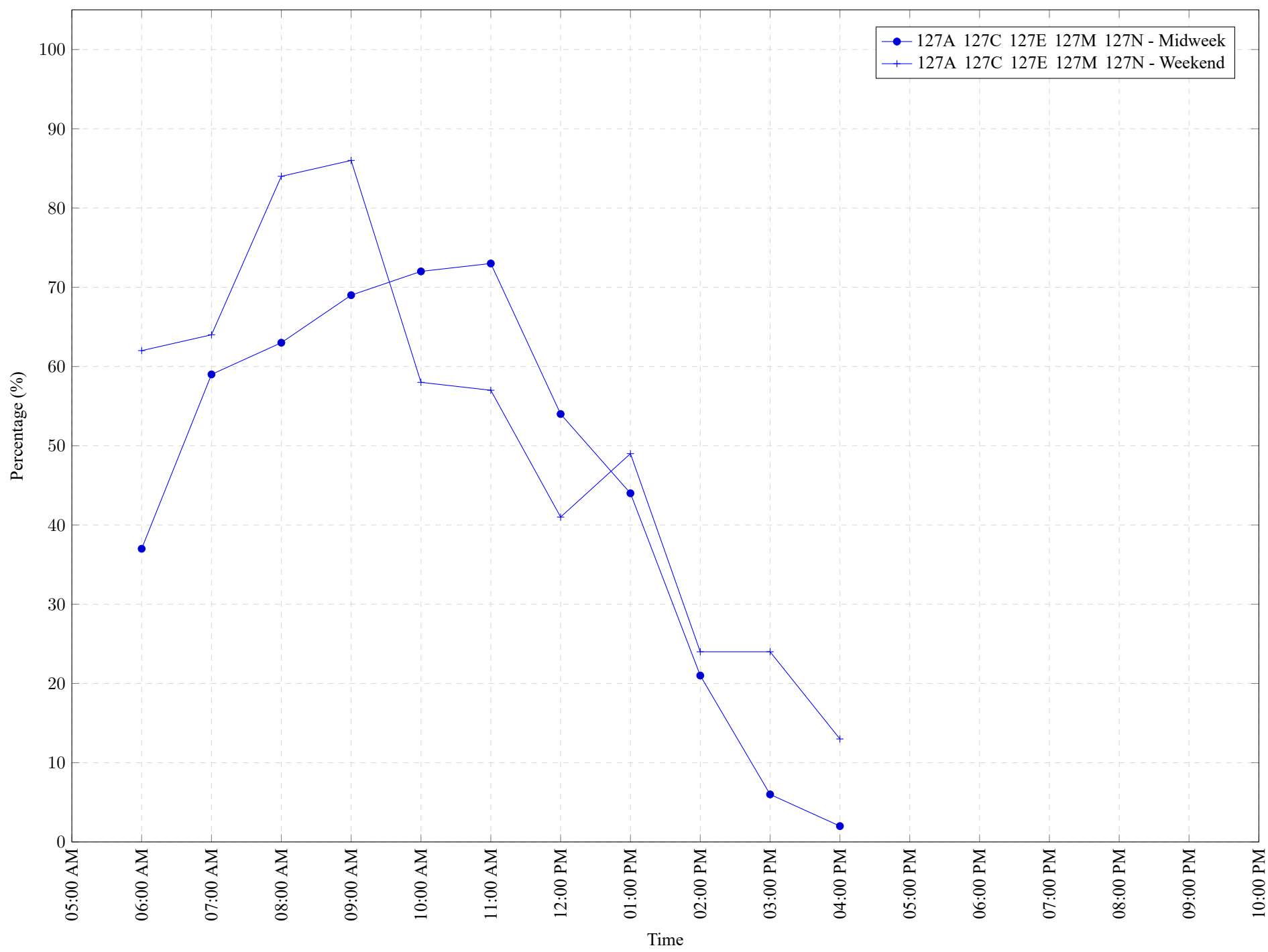


Table 7: Proportion of each day's fishing by hour.

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
127A	127C	127E	127M	127N		Midweek	37%	59%	63%	69%	72%	73%	54%	44%	21%	6%	2%	0%	0%	0%	0%	0%	0%
127A	127C	127E	127M	127N		Weekend	62%	64%	84%	86%	58%	57%	41%	49%	24%	24%	13%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Quarterdeck Marina	Winter Harbour Ramp
29 May 2024	Midweek		
30 May 2024	Midweek		
31 May 2024	Midweek		
01 Jun 2024	Weekend		
02 Jun 2024	Weekend		
03 Jun 2024	Midweek		
04 Jun 2024	Midweek		
05 Jun 2024	Midweek		
06 Jun 2024	Midweek		
07 Jun 2024	Midweek		
08 Jun 2024	Weekend		
09 Jun 2024	Weekend		
10 Jun 2024	Midweek		
11 Jun 2024	Midweek		
12 Jun 2024	Midweek		
13 Jun 2024	Midweek		
14 Jun 2024	Midweek		
15 Jun 2024	Weekend		
16 Jun 2024	Weekend	choppy	
17 Jun 2024	Midweek		
18 Jun 2024	Midweek		
19 Jun 2024	Midweek		calm/rippled
20 Jun 2024	Midweek		choppy
21 Jun 2024	Midweek		calm/rippled
22 Jun 2024	Weekend		choppy
23 Jun 2024	Weekend		frequent whitecaps
24 Jun 2024	Midweek		
25 Jun 2024	Midweek		
26 Jun 2024	Midweek		frequent whitecaps
27 Jun 2024	Midweek		choppy
28 Jun 2024	Midweek		choppy
29 Jun 2024	Weekend		frequent whitecaps
30 Jun 2024	Weekend		calm/rippled
01 Jul 2024	Weekend		
02 Jul 2024	Midweek		
03 Jul 2024	Midweek		frequent whitecaps