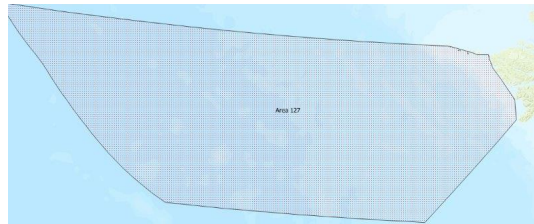


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 127 August 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 13th November, 2024



Fisheries and Oceans
Canada

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Canada



Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

Date	Day Type	Coal Harbour Ramp	Port Alice	Winter Harbour Ramp	
		AM	AM	AM	PM
29 Jul 2024	Midweek				
30 Jul 2024	Midweek				
31 Jul 2024	Midweek			1	
01 Aug 2024	Midweek			4	
02 Aug 2024	Midweek				14
03 Aug 2024	Weekend			8	
04 Aug 2024	Weekend			2	
05 Aug 2024	Weekend				
06 Aug 2024	Midweek				
07 Aug 2024	Midweek				
08 Aug 2024	Midweek				
09 Aug 2024	Midweek				
10 Aug 2024	Weekend			5	
11 Aug 2024	Weekend				4
12 Aug 2024	Midweek				
13 Aug 2024	Midweek				
14 Aug 2024	Midweek			6	
15 Aug 2024	Midweek				14
16 Aug 2024	Midweek			9	
17 Aug 2024	Weekend				6
18 Aug 2024	Weekend			2	
19 Aug 2024	Midweek				
20 Aug 2024	Midweek				
21 Aug 2024	Midweek	1		2	
22 Aug 2024	Midweek		1		6
23 Aug 2024	Midweek			3	
24 Aug 2024	Weekend	2			
25 Aug 2024	Weekend				
26 Aug 2024	Midweek				
27 Aug 2024	Midweek				
28 Aug 2024	Midweek				10
29 Aug 2024	Midweek			3	
30 Aug 2024	Midweek				
31 Aug 2024	Weekend				
01 Sep 2024	Weekend				
02 Sep 2024	Weekend				
03 Sep 2024	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-2024	Monday		1				4			
30-Jul-2024	Tuesday		5	4	4		2			
31-Jul-2024	Wednesday	choppy	2					15	1009	19
01-Aug-2024	Thursday	frequent whitecaps	5	19	10		6			
02-Aug-2024	Friday	choppy	16	26	6		16			
03-Aug-2024	Saturday	choppy	11	19	2		11	29	0913	41
04-Aug-2024	Sunday	choppy	2	3						
05-Aug-2024	Monday (B.C. Day)		3	7	3					
06-Aug-2024	Tuesday		3	12	2		5			
07-Aug-2024	Wednesday		1				6			
08-Aug-2024	Thursday		2				1			
09-Aug-2024	Friday		1				1			
10-Aug-2024	Saturday	choppy	5	5	1					
11-Aug-2024	Sunday	choppy	4	27	8		3			
12-Aug-2024	Monday		2				3			
13-Aug-2024	Tuesday		1				1			
14-Aug-2024	Wednesday	choppy	7	22			4			
15-Aug-2024	Thursday	choppy	14	45	12		8	28	0919	37
16-Aug-2024	Friday	calm/rippled	9	14	8		8			
17-Aug-2024	Saturday	choppy	6	14	1		6			
18-Aug-2024	Sunday	frequent whitecaps	2	10	2					
19-Aug-2024	Monday		1				1			
20-Aug-2024	Tuesday		1				1			
21-Aug-2024	Wednesday	choppy	3	4				23	0911	31
22-Aug-2024	Thursday	choppy	7	21	3		7	15	1158	21
23-Aug-2024	Friday	calm/rippled	7	3	4		10			
24-Aug-2024	Saturday	calm/rippled	2				4	27	0904	39
25-Aug-2024	Sunday		0							
26-Aug-2024	Monday		0							
27-Aug-2024	Tuesday		0							
28-Aug-2024	Wednesday	choppy	12	7			10			
29-Aug-2024	Thursday	choppy	3	19	1		5			
30-Aug-2024	Friday		0							
31-Aug-2024	Saturday		0							
01-Sep-2024	Sunday		1				1			
02-Sep-2024	Monday (Labour Day)		1							
03-Sep-2024	Tuesday		0							
	Totals	choppy	95	192	46		93	22*		30*
	Totals	choppy	35	85	17		24	28*		40*

* 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	30	21	630	2.021	0.484		0.979	1273	305		617
Weekend	40	10	400	2.429	0.486		0.686	972	194		274

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	586	708	192		230
2020	August	480	107	59		348
2021	August	463	156	96		635
2022	August	702	842	153		610
2023	August	804	2051	572		714
2024	August	1020	1954	323		809
5-Yr Avg	August	607	773	214		507

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	111	36%
iRec Anglers	2495	58%

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

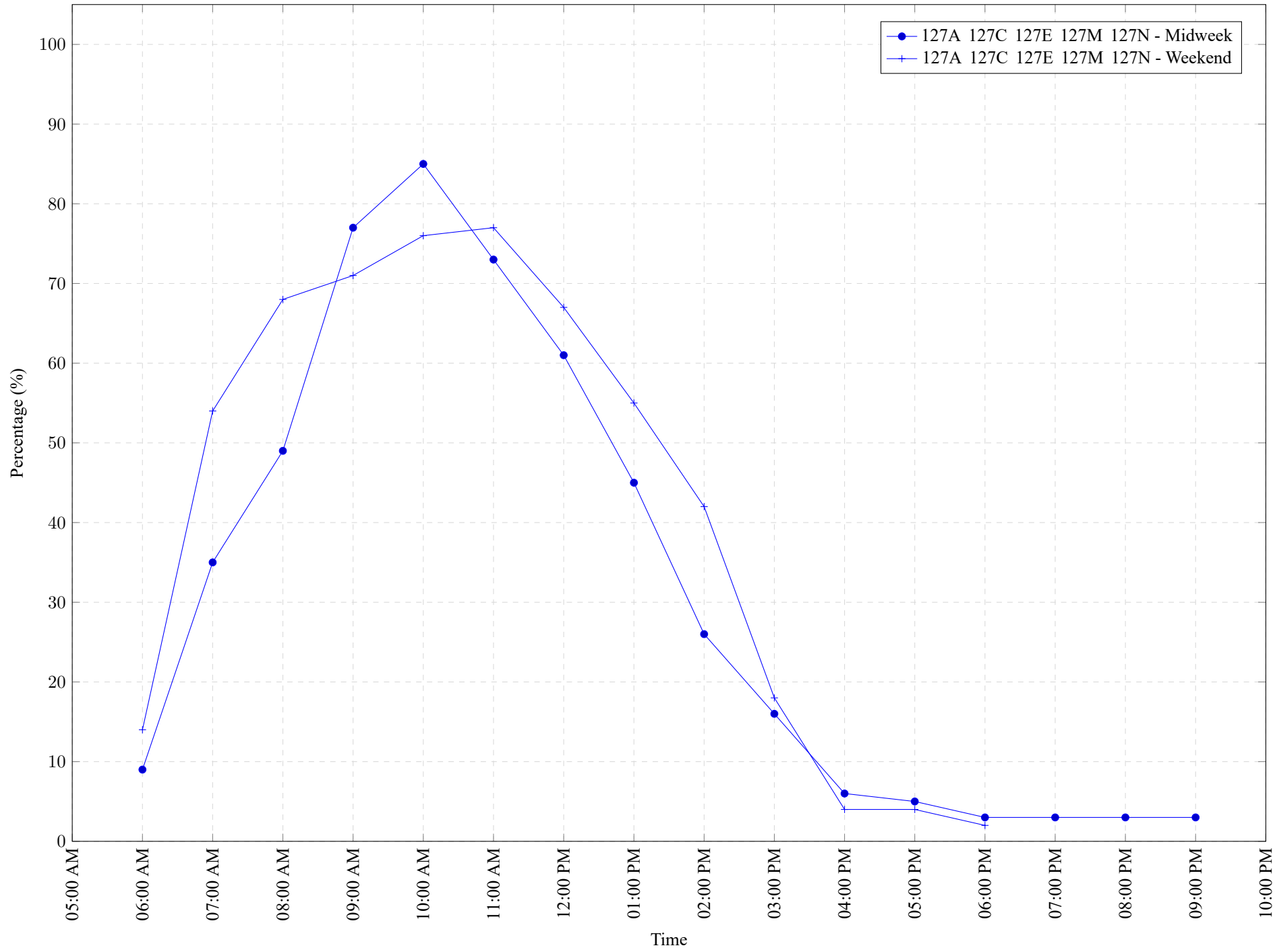


Table 7: Proportion of each day's fishing by hour.

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	9%	35%	49%	77%	85%	73%	61%	45%	26%	16%	6%	5%	3%	3%	3%	3%	0%
127A	127C	127E	127M	127N	Weekend	14%	54%	68%	71%	76%	77%	67%	55%	42%	18%	4%	4%	2%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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