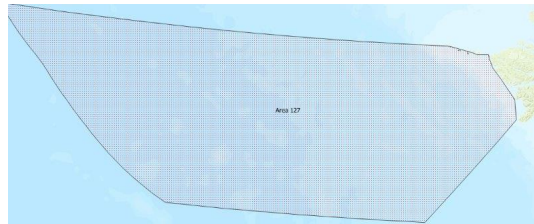


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 127 July 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 13th November, 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	Port Alice	Winter Harbour Ramp	
		PM	AM	PM
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
04 Jul 2024	Midweek			4
05 Jul 2024	Midweek		5	
06 Jul 2024	Weekend			6
07 Jul 2024	Weekend		6	
08 Jul 2024	Midweek			
09 Jul 2024	Midweek			
10 Jul 2024	Midweek		7	
11 Jul 2024	Midweek			
12 Jul 2024	Midweek			
13 Jul 2024	Weekend			9
14 Jul 2024	Weekend		2	
15 Jul 2024	Midweek			17
16 Jul 2024	Midweek			17
17 Jul 2024	Midweek		10	
18 Jul 2024	Midweek			19
19 Jul 2024	Midweek	1		
20 Jul 2024	Weekend			
21 Jul 2024	Weekend		2	
22 Jul 2024	Midweek			
23 Jul 2024	Midweek			
24 Jul 2024	Midweek			
25 Jul 2024	Midweek			16
26 Jul 2024	Midweek		6	
27 Jul 2024	Weekend			9
28 Jul 2024	Weekend		11	
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	

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-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			
04-Jul-2024	Thursday	frequent whitecaps	7	16	1		2	19	0916	26
05-Jul-2024	Friday	frequent whitecaps	6	13						
06-Jul-2024	Saturday	frequent whitecaps	12	4			13	22	0921	27
07-Jul-2024	Sunday	choppy	9	8			3			
08-Jul-2024	Monday		2	8						
09-Jul-2024	Tuesday		4	14	1					
10-Jul-2024	Wednesday	choppy	10	26	3		9			
11-Jul-2024	Thursday		4	5			4			
12-Jul-2024	Friday		3	11						
13-Jul-2024	Saturday	frequent whitecaps	13	24	6		7			
14-Jul-2024	Sunday	choppy	3	12	1		1			
15-Jul-2024	Monday	calm/rippled	20	14	1		5			
16-Jul-2024	Tuesday	frequent whitecaps	20	45			12			
17-Jul-2024	Wednesday	calm/rippled	15	30	7		10			
18-Jul-2024	Thursday	choppy	23	38	5		16			
19-Jul-2024	Friday	frequent whitecaps	5	13	7		2			
20-Jul-2024	Saturday		1	6						
21-Jul-2024	Sunday	calm/rippled	4	1	5		2			
22-Jul-2024	Monday		0							
23-Jul-2024	Tuesday		3	14	5					
24-Jul-2024	Wednesday		3	10	5		1			
25-Jul-2024	Thursday	choppy	18	11	9		15			
26-Jul-2024	Friday	choppy	9	7	6		6	18	0914	26
27-Jul-2024	Saturday	calm/rippled	11	46	3		8			
28-Jul-2024	Sunday	choppy	13	19	4		14	32	0907	40
29-Jul-2024	Monday		1				4			
30-Jul-2024	Tuesday		5	4	4		2			
31-Jul-2024	Wednesday	choppy	2					15	1009	21
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	36
	Totals	choppy	171	295	55		99	17*		24*
	Totals	choppy	71	120	19		65	27*		34*

* 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	34	9	306	1.69	0.268		0.915	517	82		280
Midweek	24	22	528	1.725	0.322		0.579	911	170		306

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	762	675	445		479
2020	July	800	521	243	0	491
2021	July	417	196	241		560
2022	July	785	1296	225		835
2023	July	1093	1493	246		1720
2024	July	786	1108	92		570
5-Yr Avg	July	771	836	280	0	817

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	261	24%	3%	177	25%	4%	7

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	193	31%
iRec Anglers	1472	68%

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

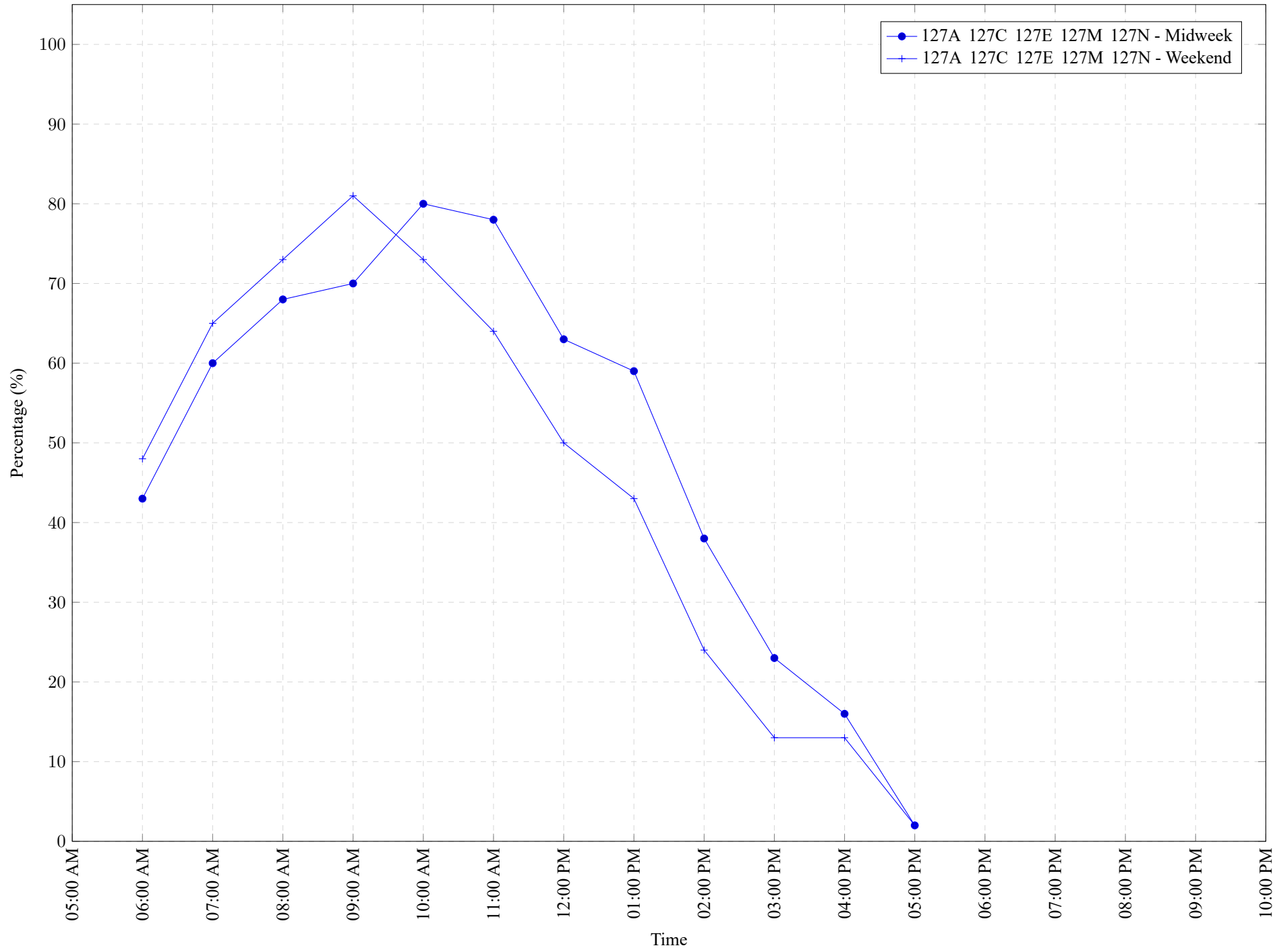


Table 7: Proportion of each day's fishing by hour.

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
127A	127C	127E	127M	127N		Midweek	43%	60%	68%	70%	80%	78%	63%	59%	38%	23%	16%	2%	0%	0%	0%	0%	0%
127A	127C	127E	127M	127N		Weekend	48%	65%	73%	81%	73%	64%	50%	43%	24%	13%	13%	2%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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