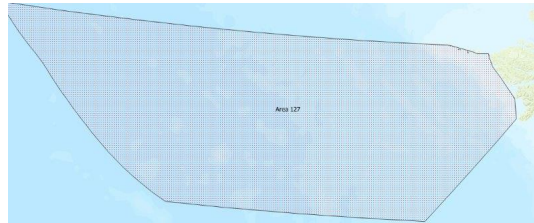


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 127 June 2023



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 20th January, 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	Coal Harbour Ramp	Port Alice		Winter Harbour Ramp	
		AM	AM	PM	AM	PM
29 May 2023	Midweek					
30 May 2023	Midweek					
31 May 2023	Midweek					
01 Jun 2023	Midweek					
02 Jun 2023	Midweek					
03 Jun 2023	Weekend					
04 Jun 2023	Weekend					
05 Jun 2023	Midweek					
06 Jun 2023	Midweek					
07 Jun 2023	Midweek					
08 Jun 2023	Midweek					
09 Jun 2023	Midweek					
10 Jun 2023	Weekend					
11 Jun 2023	Weekend					
12 Jun 2023	Midweek					
13 Jun 2023	Midweek					
14 Jun 2023	Midweek					
15 Jun 2023	Midweek				4	
16 Jun 2023	Midweek					1
17 Jun 2023	Weekend					5
18 Jun 2023	Weekend				3	
19 Jun 2023	Midweek					
20 Jun 2023	Midweek					
21 Jun 2023	Midweek					1
22 Jun 2023	Midweek				2	
23 Jun 2023	Midweek					2
24 Jun 2023	Weekend				3	
25 Jun 2023	Weekend			2		
26 Jun 2023	Midweek					
27 Jun 2023	Midweek					
28 Jun 2023	Midweek	1				
29 Jun 2023	Midweek				2	
30 Jun 2023	Midweek					2
01 Jul 2023	Weekend		1		2	
02 Jul 2023	Weekend					1
03 Jul 2023	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
29-May-2023	Monday		0							
30-May-2023	Tuesday		0							
31-May-2023	Wednesday		0							
01-Jun-2023	Thursday		0							
02-Jun-2023	Friday		0							
03-Jun-2023	Saturday		0					9	1014	10
04-Jun-2023	Sunday		0							
05-Jun-2023	Monday		0							
06-Jun-2023	Tuesday		0							
07-Jun-2023	Wednesday		0					3	0930	3
08-Jun-2023	Thursday		0							
09-Jun-2023	Friday		0							
10-Jun-2023	Saturday		0							
11-Jun-2023	Sunday		0					10	1011	11
12-Jun-2023	Monday		0							
13-Jun-2023	Tuesday		0							
14-Jun-2023	Wednesday		1					1	0944	1
15-Jun-2023	Thursday	calm/rippled	5	2			7			
16-Jun-2023	Friday	calm/rippled	2	8			1			
17-Jun-2023	Saturday	calm/rippled	5				1	21	0945	24
18-Jun-2023	Sunday	calm/rippled	4				2			
19-Jun-2023	Monday		0							
20-Jun-2023	Tuesday		0							
21-Jun-2023	Wednesday	calm/rippled	1							
22-Jun-2023	Thursday	calm/rippled	3	3	2		1	12	0937	14
23-Jun-2023	Friday	calm/rippled	5	3			2			
24-Jun-2023	Saturday	calm/rippled	6				19			
25-Jun-2023	Sunday	calm/rippled	8	14	3		3	17	0945	19
26-Jun-2023	Monday		2				1			
27-Jun-2023	Tuesday		4	6	6		1			
28-Jun-2023	Wednesday	calm/rippled	5	19	2		4			
29-Jun-2023	Thursday	frequent whitecaps	5	12						
30-Jun-2023	Friday	calm/rippled	4	5	3		6			
01-Jul-2023	Saturday	calm/rippled	5	5			9			
02-Jul-2023	Sunday	calm/rippled	3		2		3			
03-Jul-2023	Monday (Canada Day)		1							
	Totals	calm/rippled	37	58	13		23	5*		6*
	Totals	calm/rippled	23	14	3		25	14*		16*

* 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	6	22	132	1.568	0.351		0.622	207	46		82
Weekend	16	8	128	0.609	0.13		1.087	78	17		139

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	June	280	237	35		288
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
5-Yr Avg	June	242	112	34		252

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	15	13%	7%	54	79%	2%	1

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	57	42%
iRec Anglers	369	81%

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

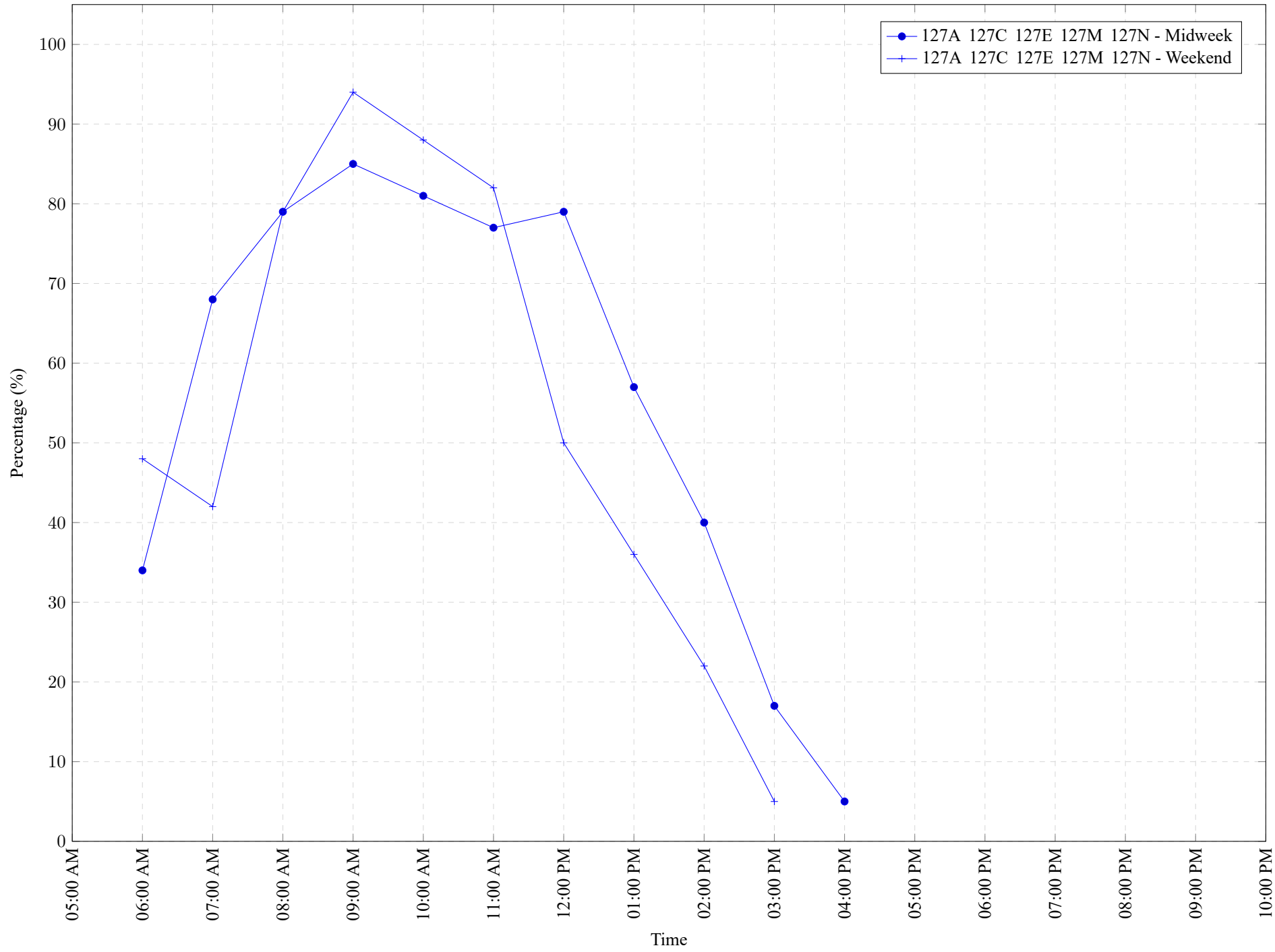


Table 7: Proportion of each day's fishing by hour.

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	34%	68%	79%	85%	81%	77%	79%	57%	40%	17%	5%	0%	0%	0%	0%	0%	0%
127A	127C	127E	127M	127N		Weekend	48%	42%	79%	94%	88%	82%	50%	36%	22%	5%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Coal Harbour Ramp	Port Alice	Winter Harbour Ramp
29 May 2023	Midweek			
30 May 2023	Midweek			
31 May 2023	Midweek			
01 Jun 2023	Midweek			
02 Jun 2023	Midweek			
03 Jun 2023	Weekend			
04 Jun 2023	Weekend			
05 Jun 2023	Midweek			
06 Jun 2023	Midweek			
07 Jun 2023	Midweek			
08 Jun 2023	Midweek			
09 Jun 2023	Midweek			
10 Jun 2023	Weekend			
11 Jun 2023	Weekend			
12 Jun 2023	Midweek			
13 Jun 2023	Midweek			
14 Jun 2023	Midweek			
15 Jun 2023	Midweek			calm/rippled
16 Jun 2023	Midweek			calm/rippled
17 Jun 2023	Weekend			calm/rippled
18 Jun 2023	Weekend			calm/rippled
19 Jun 2023	Midweek			
20 Jun 2023	Midweek			
21 Jun 2023	Midweek			calm/rippled
22 Jun 2023	Midweek			calm/rippled
23 Jun 2023	Midweek			calm/rippled
24 Jun 2023	Weekend			calm/rippled
25 Jun 2023	Weekend		calm/rippled	
26 Jun 2023	Midweek			
27 Jun 2023	Midweek			
28 Jun 2023	Midweek	calm/rippled		
29 Jun 2023	Midweek			frequent whitecaps
30 Jun 2023	Midweek			calm/rippled
01 Jul 2023	Weekend		choppy	calm/rippled
02 Jul 2023	Weekend			calm/rippled
03 Jul 2023	Weekend			