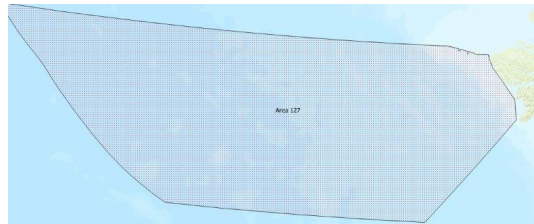


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 127 August 2023



Prepared By:
South Coast Salmon Stock Assessment Section

Friday 19th 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	Port Alice		Winter Harbour Ramp	
		AM	PM	AM	PM
29 Jul 2023	Weekend			3	
30 Jul 2023	Weekend				
31 Jul 2023	Midweek				
01 Aug 2023	Midweek				
02 Aug 2023	Midweek	3		3	
03 Aug 2023	Midweek				4
04 Aug 2023	Midweek			4	
05 Aug 2023	Weekend				7
06 Aug 2023	Weekend			2	
07 Aug 2023	Weekend				
08 Aug 2023	Midweek				
09 Aug 2023	Midweek				7
10 Aug 2023	Midweek			1	
11 Aug 2023	Midweek			4	
12 Aug 2023	Weekend				8
13 Aug 2023	Weekend				
14 Aug 2023	Midweek				
15 Aug 2023	Midweek				
16 Aug 2023	Midweek				2
17 Aug 2023	Midweek				
18 Aug 2023	Midweek				5
19 Aug 2023	Weekend				3
20 Aug 2023	Weekend			1	
21 Aug 2023	Midweek				
22 Aug 2023	Midweek				
23 Aug 2023	Midweek			1	
24 Aug 2023	Midweek		1	2	
25 Aug 2023	Midweek		1		3
26 Aug 2023	Weekend			3	
27 Aug 2023	Weekend				2
28 Aug 2023	Midweek				
29 Aug 2023	Midweek				
30 Aug 2023	Midweek				
31 Aug 2023	Midweek				
01 Sep 2023	Midweek				
02 Sep 2023	Weekend				
03 Sep 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-Jul-2023	Saturday	calm/rippled	4	15			2	34	0928	42
30-Jul-2023	Sunday		1							
31-Jul-2023	Monday		3	6			2			
01-Aug-2023	Tuesday		3	1	7					
02-Aug-2023	Wednesday	calm/rippled	9	24	5		3			
03-Aug-2023	Thursday	calm/rippled	5	6			7	27	1051	40
04-Aug-2023	Friday	calm/rippled	4				3			
05-Aug-2023	Saturday	calm/rippled	8	22	6		7			
06-Aug-2023	Sunday	calm/rippled	2	7	4					
07-Aug-2023	Monday (B.C. Day)		0							
08-Aug-2023	Tuesday		0							
09-Aug-2023	Wednesday	calm/rippled	8	23	10		4	19	0935	30
10-Aug-2023	Thursday	calm/rippled	1				2			
11-Aug-2023	Friday	choppy	4	8	3		8			
12-Aug-2023	Saturday	calm/rippled	8	25	9		7			
13-Aug-2023	Sunday		1				2	17	0911	21
14-Aug-2023	Monday		0							
15-Aug-2023	Tuesday		0							
16-Aug-2023	Wednesday	calm/rippled	2	1	6					
17-Aug-2023	Thursday		0							
18-Aug-2023	Friday	calm/rippled	5	20	5		1			
19-Aug-2023	Saturday	calm/rippled	3				7	7	1143	8
20-Aug-2023	Sunday	calm/rippled	1		7					
21-Aug-2023	Monday		0							
22-Aug-2023	Tuesday		0							
23-Aug-2023	Wednesday	calm/rippled	2		1		9			
24-Aug-2023	Thursday	calm/rippled	4	8	7		2			
25-Aug-2023	Friday	calm/rippled	5	3	1		4	18	0925	28
26-Aug-2023	Saturday	calm/rippled	4				1	15	0911	18
27-Aug-2023	Sunday	calm/rippled	2	12	1					
28-Aug-2023	Monday		1				1			
29-Aug-2023	Tuesday		0							
30-Aug-2023	Wednesday		0							
31-Aug-2023	Thursday		0							
01-Sep-2023	Friday		0							
02-Sep-2023	Saturday		0							
03-Sep-2023	Sunday		0							
	Totals	calm/rippled	53	94	45		44	21*		33*
	Totals	calm/rippled	29	66	27		24	13*		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	33	22	726	1.774	0.849		0.83	1288	616		603
Weekend	16	9	144	2.276	0.931		0.828	328	134		119

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	August	566	481	249	0	366
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
5-Yr Avg	August	559	459	150	0	438

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
Coho	102	18%	10%	623	56%	2%	10
Chinook	223	11%	9%	308	18%	6%	20

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	77	32%
iRec Anglers	2667	56%

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

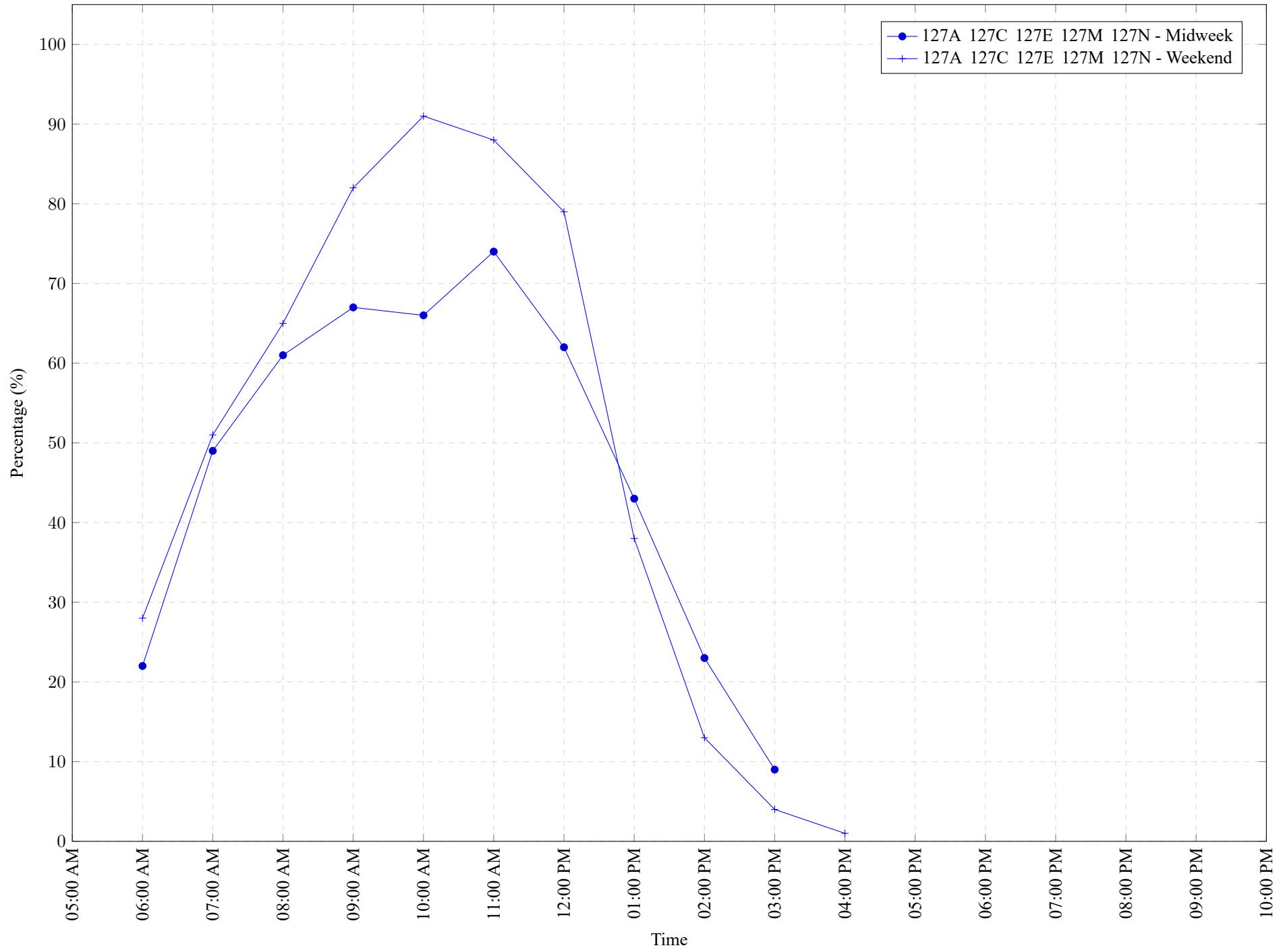


Table 7: Proportion of each day's fishing by hour.

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	22%	49%	61%	67%	66%	74%	62%	43%	23%	9%	0%	0%	0%	0%	0%	0%	0%
127A	127C	127E	127M	127N	Weekend	28%	51%	65%	82%	91%	88%	79%	38%	13%	4%	1%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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