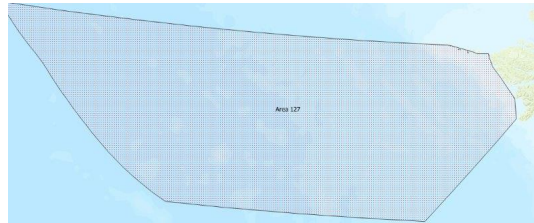


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 127 June 2022



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

The logo graphic for 'your catch counts', featuring a stylized blue figure of a person holding a fishing rod, with a fish on the line.

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
29 May 2022	Weekend			
30 May 2022	Midweek			
31 May 2022	Midweek			
01 Jun 2022	Midweek			
02 Jun 2022	Midweek			
03 Jun 2022	Midweek			
04 Jun 2022	Weekend			
05 Jun 2022	Weekend			
06 Jun 2022	Midweek			
07 Jun 2022	Midweek			
08 Jun 2022	Midweek			
09 Jun 2022	Midweek			
10 Jun 2022	Midweek			
11 Jun 2022	Weekend			
12 Jun 2022	Weekend			
13 Jun 2022	Midweek			
14 Jun 2022	Midweek			
15 Jun 2022	Midweek			
16 Jun 2022	Midweek			1
17 Jun 2022	Midweek		3	
18 Jun 2022	Weekend		2	
19 Jun 2022	Weekend			1
20 Jun 2022	Midweek	3		
21 Jun 2022	Midweek			
22 Jun 2022	Midweek			
23 Jun 2022	Midweek		7	
24 Jun 2022	Midweek			8
25 Jun 2022	Weekend			6
26 Jun 2022	Weekend		2	
27 Jun 2022	Midweek			
28 Jun 2022	Midweek			
29 Jun 2022	Midweek		4	
30 Jun 2022	Midweek		5	
01 Jul 2022	Weekend			8
02 Jul 2022	Weekend		11	
03 Jul 2022	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
29-May-2022	Sunday		0							
30-May-2022	Monday		0							
31-May-2022	Tuesday		0							
01-Jun-2022	Wednesday		0							
02-Jun-2022	Thursday		0							
03-Jun-2022	Friday		0							
04-Jun-2022	Saturday		0					11	1001	12
05-Jun-2022	Sunday		0							
06-Jun-2022	Monday		0							
07-Jun-2022	Tuesday		1		8					
08-Jun-2022	Wednesday		2	6				0	0956	0
09-Jun-2022	Thursday		0							
10-Jun-2022	Friday		0							
11-Jun-2022	Saturday		0							
12-Jun-2022	Sunday		0					11	0912	12
13-Jun-2022	Monday		0							
14-Jun-2022	Tuesday		0							
15-Jun-2022	Wednesday		1				1			
16-Jun-2022	Thursday	choppy	1					12	0931	16
17-Jun-2022	Friday	choppy	4	4			10			
18-Jun-2022	Saturday	choppy	3				10			
19-Jun-2022	Sunday	choppy	1					9	0925	10
20-Jun-2022	Monday	calm/rippled	3		1		13			
21-Jun-2022	Tuesday		0							
22-Jun-2022	Wednesday		1				1			
23-Jun-2022	Thursday	choppy	8	3	2		14			
24-Jun-2022	Friday	calm/rippled	9	2	1		8			
25-Jun-2022	Saturday	choppy	7	7	2		7			
26-Jun-2022	Sunday	frequent whitecaps	4	2	1		4			
27-Jun-2022	Monday		1				2	19	1131	26
28-Jun-2022	Tuesday		1				1			
29-Jun-2022	Wednesday	choppy	6		1		5			
30-Jun-2022	Thursday	calm/rippled	7				8			
01-Jul-2022	Friday (Canada Day)	choppy	11		2		25			
02-Jul-2022	Saturday	choppy	11	3	8		2			
03-Jul-2022	Sunday	calm/rippled	10				12			
	Totals	choppy	45	15	13		63	10*		14*
	Totals	choppy	15	9	3		21	10*		11*

* 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	11	8	88	0.6	0.2		1.4	53	18		123
Midweek	14	22	308	0.333	0.289		1.4	103	89		431

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	June	334	111	74		324
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
5-Yr Avg	June	230	115	38		212

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	50	26%
iRec Anglers	549	79%

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

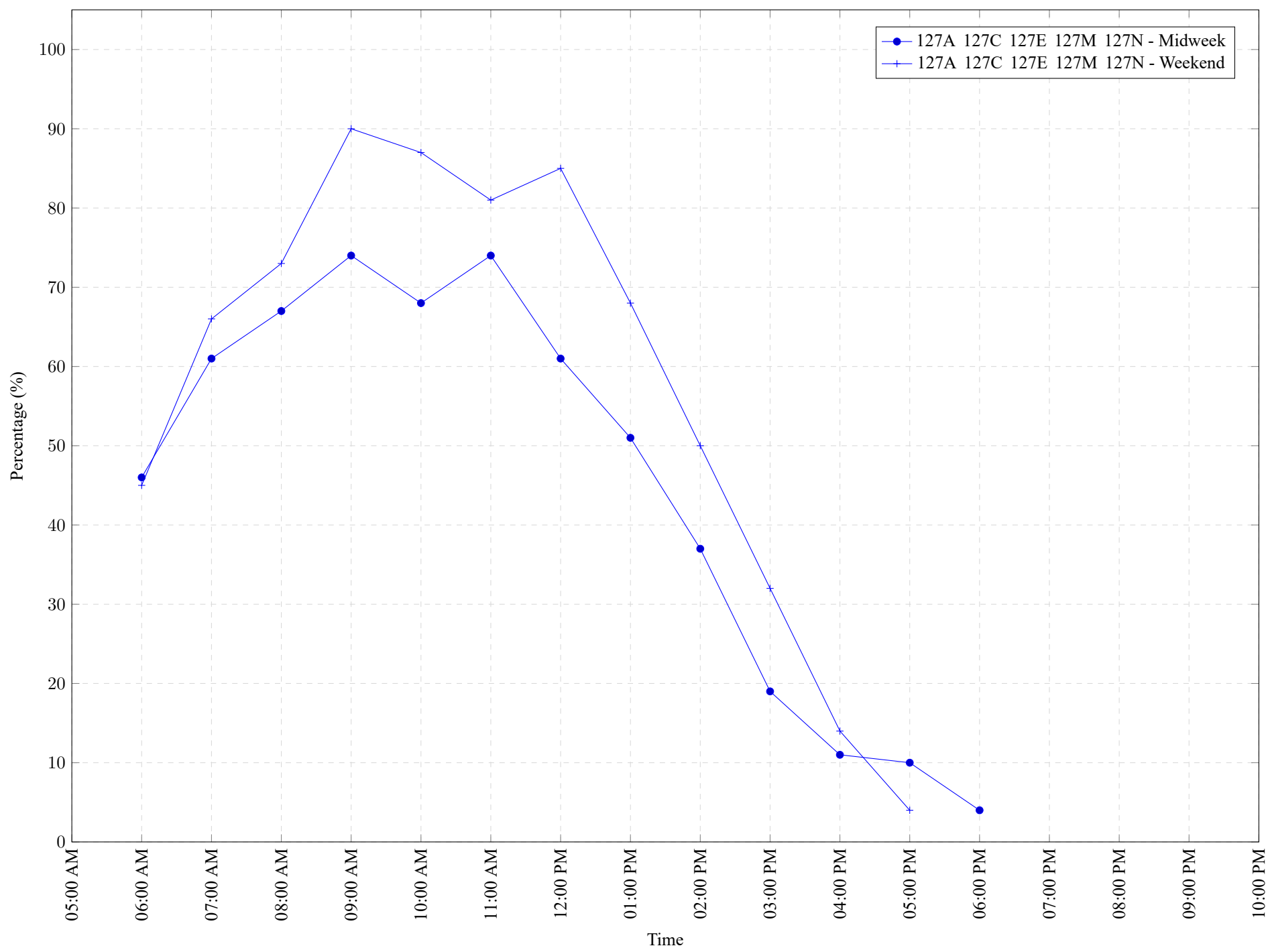


Table 7: Proportion of each day's fishing by hour.

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	46%	61%	67%	74%	68%	74%	61%	51%	37%	19%	11%	10%	4%	0%	0%	0%	0%
127A	127C	127E	127M	127N		Weekend	45%	66%	73%	90%	87%	81%	85%	68%	50%	32%	14%	4%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Port Alice	Winter Harbour Ramp
29 May 2022	Weekend		
30 May 2022	Midweek		
31 May 2022	Midweek		
01 Jun 2022	Midweek		
02 Jun 2022	Midweek		
03 Jun 2022	Midweek		
04 Jun 2022	Weekend		
05 Jun 2022	Weekend		
06 Jun 2022	Midweek		
07 Jun 2022	Midweek		
08 Jun 2022	Midweek		
09 Jun 2022	Midweek		
10 Jun 2022	Midweek		
11 Jun 2022	Weekend		
12 Jun 2022	Weekend		
13 Jun 2022	Midweek		
14 Jun 2022	Midweek		
15 Jun 2022	Midweek		
16 Jun 2022	Midweek		choppy
17 Jun 2022	Midweek		choppy
18 Jun 2022	Weekend		choppy
19 Jun 2022	Weekend		choppy
20 Jun 2022	Midweek	calm/rippled	
21 Jun 2022	Midweek		
22 Jun 2022	Midweek		
23 Jun 2022	Midweek		choppy
24 Jun 2022	Midweek		calm/rippled
25 Jun 2022	Weekend		choppy
26 Jun 2022	Weekend		frequent whitecaps
27 Jun 2022	Midweek		
28 Jun 2022	Midweek		
29 Jun 2022	Midweek		choppy
30 Jun 2022	Midweek		calm/rippled
01 Jul 2022	Weekend		choppy
02 Jul 2022	Weekend		choppy
03 Jul 2022	Weekend		calm/rippled