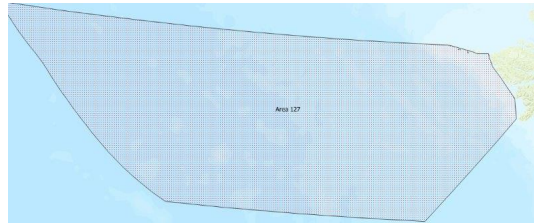


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 127 June 2021



Prepared By:
South Coast Salmon Stock Assessment Section

Sunday 6th February, 2022



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
29 May 2021	Weekend			
30 May 2021	Weekend			
31 May 2021	Midweek			
01 Jun 2021	Midweek			
02 Jun 2021	Midweek			
03 Jun 2021	Midweek			
04 Jun 2021	Midweek			
05 Jun 2021	Weekend			
06 Jun 2021	Weekend			
07 Jun 2021	Midweek			
08 Jun 2021	Midweek			
09 Jun 2021	Midweek			
10 Jun 2021	Midweek			
11 Jun 2021	Midweek			
12 Jun 2021	Weekend			
13 Jun 2021	Weekend			
14 Jun 2021	Midweek			
15 Jun 2021	Midweek			
16 Jun 2021	Midweek		2	
17 Jun 2021	Midweek			
18 Jun 2021	Midweek		1	
19 Jun 2021	Weekend			
20 Jun 2021	Weekend			1
21 Jun 2021	Midweek			
22 Jun 2021	Midweek			
23 Jun 2021	Midweek	1		2
24 Jun 2021	Midweek		1	
25 Jun 2021	Midweek			1
26 Jun 2021	Weekend			
27 Jun 2021	Weekend			
28 Jun 2021	Midweek			
29 Jun 2021	Midweek			
30 Jun 2021	Midweek			
01 Jul 2021	Weekend		1	
02 Jul 2021	Midweek		1	
03 Jul 2021	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-2021	Saturday		0							
30-May-2021	Sunday		0							
31-May-2021	Monday		0							
01-Jun-2021	Tuesday		0							
02-Jun-2021	Wednesday		0							
03-Jun-2021	Thursday		0							
04-Jun-2021	Friday		0							
05-Jun-2021	Saturday		1					1	1131	1
06-Jun-2021	Sunday		0							
07-Jun-2021	Monday		1				1			
08-Jun-2021	Tuesday		0							
09-Jun-2021	Wednesday		1							
10-Jun-2021	Thursday		1				4			
11-Jun-2021	Friday		0							
12-Jun-2021	Saturday		1				2			
13-Jun-2021	Sunday		0							
14-Jun-2021	Monday		2				1			
15-Jun-2021	Tuesday		0					4	0949	6
16-Jun-2021	Wednesday	calm/rippled	2							
17-Jun-2021	Thursday		0							
18-Jun-2021	Friday	choppy	5				7			
19-Jun-2021	Saturday		2				5			
20-Jun-2021	Sunday	calm/rippled	2				5			
21-Jun-2021	Monday		1				2			
22-Jun-2021	Tuesday		2				1			
23-Jun-2021	Wednesday	choppy	4	1	5		4			
24-Jun-2021	Thursday	choppy	5				2			
25-Jun-2021	Friday	choppy	4		4		2			
26-Jun-2021	Saturday		1					12	0944	13
27-Jun-2021	Sunday		5				5			
28-Jun-2021	Monday		4				1			
29-Jun-2021	Tuesday		1				3			
30-Jun-2021	Wednesday		3				3	1	0845	1
01-Jul-2021	Thursday (Canada Day)	frequent whitecaps	6				16			
02-Jul-2021	Friday	choppy	2	2	3					
03-Jul-2021	Saturday		1				2			
	Totals	choppy	36	1	9		31	3*		4*
	Totals	calm/rippled	12				17	7*		7*

* 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	4	22	88	0.028	0.25		0.861	2	22		76
Weekend	7	8	56				1.417				79

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	June	658	530	2		823
2017	June	260	85	61		256
2018	June	215	237	35		288
2019	June	167	0	7		250
2020	June	172	9	4		123
2021	June	64	3	27		29
5-Yr Avg	June	294	172	22		348

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	37	56%
iRec Anglers	272	46%

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

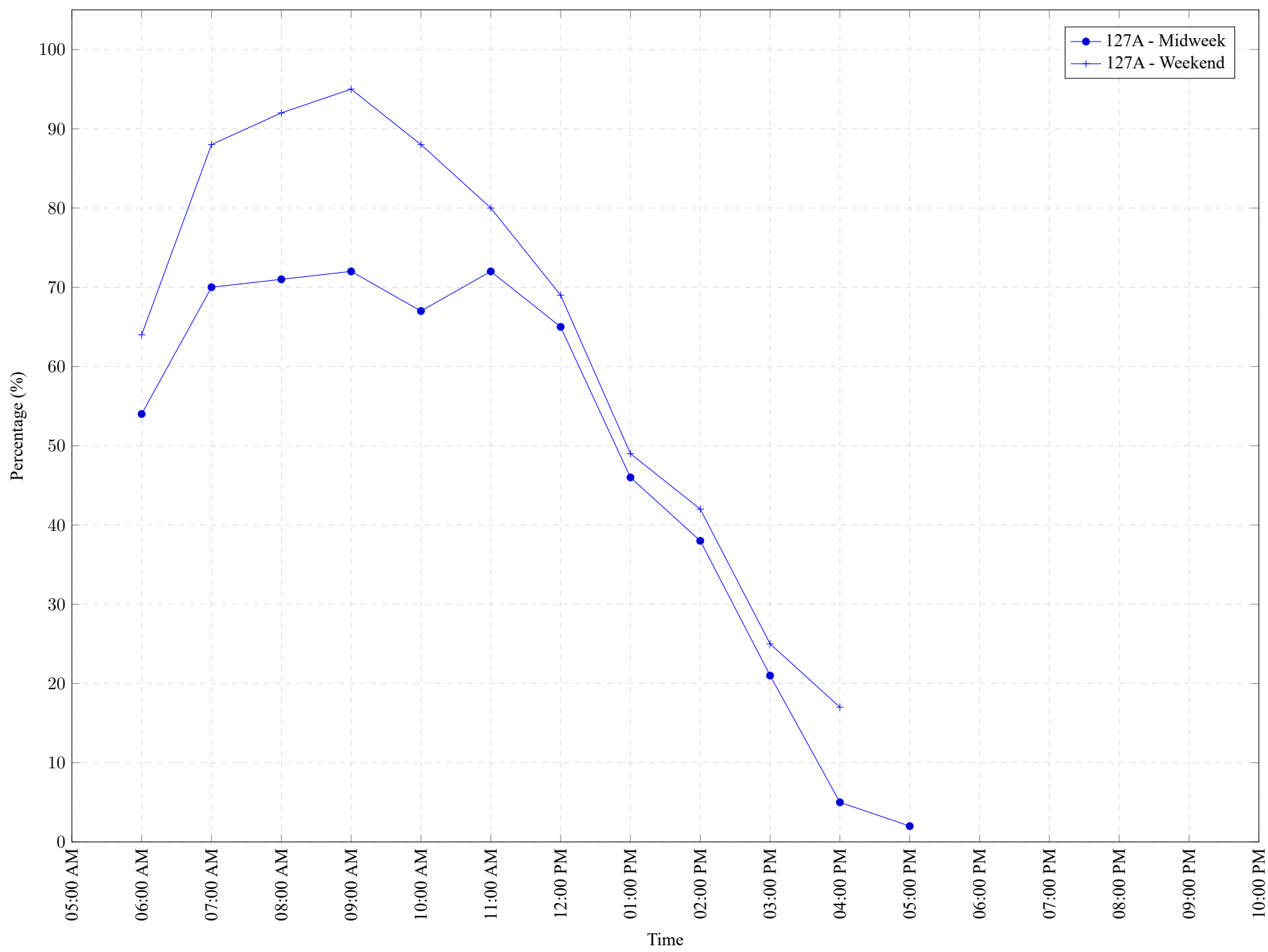


Table 7: Proportion of each day's fishing by hour.

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	Midweek	54%	70%	71%	72%	67%	72%	65%	46%	38%	21%	5%	2%	0%	0%	0%	0%	0%
127A	Weekend	64%	88%	92%	95%	88%	80%	69%	49%	42%	25%	17%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Port Alice	Winter Harbour Ramp
29 May 2021	Weekend		
30 May 2021	Weekend		
31 May 2021	Midweek		
01 Jun 2021	Midweek		
02 Jun 2021	Midweek		
03 Jun 2021	Midweek		
04 Jun 2021	Midweek		
05 Jun 2021	Weekend		
06 Jun 2021	Weekend		
07 Jun 2021	Midweek		
08 Jun 2021	Midweek		
09 Jun 2021	Midweek		
10 Jun 2021	Midweek		
11 Jun 2021	Midweek		
12 Jun 2021	Weekend		
13 Jun 2021	Weekend		
14 Jun 2021	Midweek		
15 Jun 2021	Midweek		
16 Jun 2021	Midweek		calm/rippled
17 Jun 2021	Midweek		
18 Jun 2021	Midweek		choppy
19 Jun 2021	Weekend		
20 Jun 2021	Weekend		calm/rippled
21 Jun 2021	Midweek		
22 Jun 2021	Midweek		
23 Jun 2021	Midweek	choppy	choppy
24 Jun 2021	Midweek		choppy
25 Jun 2021	Midweek		choppy
26 Jun 2021	Weekend		
27 Jun 2021	Weekend		
28 Jun 2021	Midweek		
29 Jun 2021	Midweek		
30 Jun 2021	Midweek		
01 Jul 2021	Weekend		frequent whitecaps
02 Jul 2021	Midweek		choppy
03 Jul 2021	Weekend		