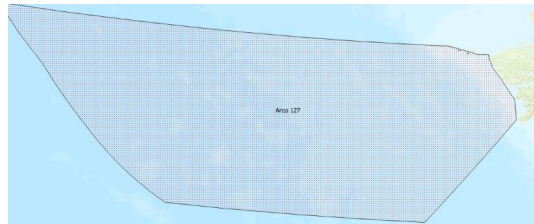


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 127 August 2021



Prepared By:
South Coast Salmon Stock Assessment Section

Sunday 6th February, 2022



Fisheries and Oceans
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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 Jul 2021	Midweek	1		4
30 Jul 2021	Midweek		4	
31 Jul 2021	Weekend			5
01 Aug 2021	Weekend			
02 Aug 2021	Weekend			
03 Aug 2021	Midweek			
04 Aug 2021	Midweek		1	
05 Aug 2021	Midweek			
06 Aug 2021	Midweek		5	
07 Aug 2021	Weekend			1
08 Aug 2021	Weekend			2
09 Aug 2021	Midweek			
10 Aug 2021	Midweek			
11 Aug 2021	Midweek			2
12 Aug 2021	Midweek			
13 Aug 2021	Midweek			3
14 Aug 2021	Weekend		3	
15 Aug 2021	Weekend			4
16 Aug 2021	Midweek	1		
17 Aug 2021	Midweek			
18 Aug 2021	Midweek			3
19 Aug 2021	Midweek		2	
20 Aug 2021	Midweek			3
21 Aug 2021	Weekend			
22 Aug 2021	Weekend			5
23 Aug 2021	Midweek			
24 Aug 2021	Midweek			
25 Aug 2021	Midweek		3	
26 Aug 2021	Midweek			1
27 Aug 2021	Midweek			2
28 Aug 2021	Weekend		2	
29 Aug 2021	Weekend			2
30 Aug 2021	Midweek			
31 Aug 2021	Midweek			1
01 Sep 2021	Midweek			
02 Sep 2021	Midweek			
03 Sep 2021	Midweek			

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-2021	Thursday	choppy	9	2	1		10			
30-Jul-2021	Friday	calm/rippled	13	4	2		30			
31-Jul-2021	Saturday	choppy	12	15	1		25			
01-Aug-2021	Sunday		4				3	14	0936	19
02-Aug-2021	Monday (B.C. Day)		12	12	5		16			
03-Aug-2021	Tuesday		7	4	1		14	41	0943	59
04-Aug-2021	Wednesday	choppy	1							
05-Aug-2021	Thursday		4	3	2		1			
06-Aug-2021	Friday	choppy	11				28			
07-Aug-2021	Saturday	frequent whitecaps	6	4	1		18			
08-Aug-2021	Sunday	choppy	9	12	1		11	9	0949	12
09-Aug-2021	Monday		8	21	2		14			
10-Aug-2021	Tuesday		3				4	12	0934	17
11-Aug-2021	Wednesday	frequent whitecaps	5				2			
12-Aug-2021	Thursday		2				1			
13-Aug-2021	Friday	choppy	6				17			
14-Aug-2021	Saturday	calm/rippled	12	3			13			
15-Aug-2021	Sunday	frequent whitecaps	7				23			
16-Aug-2021	Monday	choppy	1							
17-Aug-2021	Tuesday		2				1	10	0932	15
18-Aug-2021	Wednesday	choppy	6				16			
19-Aug-2021	Thursday	choppy	3				3			
20-Aug-2021	Friday	choppy	3	2	3		3			
21-Aug-2021	Saturday		3	1			12	5	0923	7
22-Aug-2021	Sunday	calm/rippled	6				24			
23-Aug-2021	Monday		3	4			4			
24-Aug-2021	Tuesday		4				1			
25-Aug-2021	Wednesday	calm/rippled	4				5			
26-Aug-2021	Thursday	choppy	4	2			10	4	1048	5
27-Aug-2021	Friday	choppy	4				1			
28-Aug-2021	Saturday	choppy	3				1			
29-Aug-2021	Sunday	choppy	6	1			15	8	0938	11
30-Aug-2021	Monday		1							
31-Aug-2021	Tuesday	calm/rippled	3				1			
01-Sep-2021	Wednesday		2				3			
02-Sep-2021	Thursday		4				3			
03-Sep-2021	Friday		2				3			
	Totals	choppy	85	36	8		126	17*		24*
	Totals	choppy	68	33	7		136	9*		12*

* 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	12	10	120	0.485	0.103		2	58	12		240
Midweek	24	21	504	0.424	0.094		1.482	214	47		747

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	August	517	319	64		520
2017	August	282	404	39	29	191
2018	August	532	452	187		365
2019	August	463	670	80		230
2020	August	374	89	42		284
2021	August	397	86	41		624
5-Yr Avg	August	434	387	82	29	318

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	2	2%	50%	96	18%	1%	1

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	140	59%
iRec Anglers	1010	67%

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

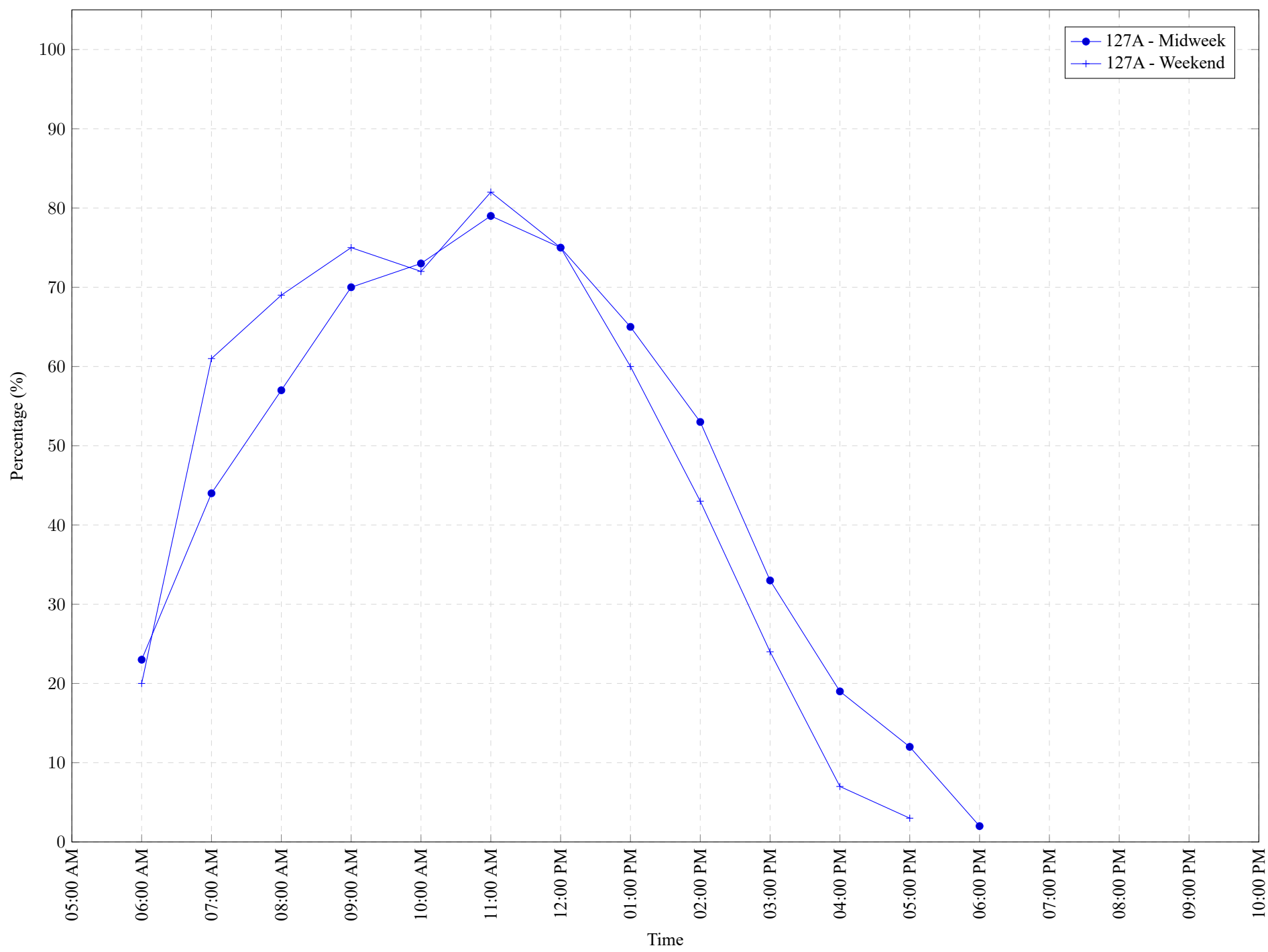


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
127A	Midweek	23%	44%	57%	70%	73%	79%	75%	65%	53%	33%	19%	12%	2%	0%	0%	0%	0%
127A	Weekend	20%	61%	69%	75%	72%	82%	75%	60%	43%	24%	7%	3%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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