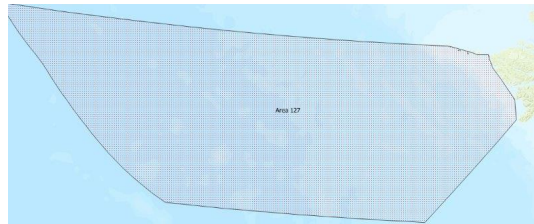


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 127 August 2019



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



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	
		AM	PM	AM	PM
29 Jul 2019	Midweek				
30 Jul 2019	Midweek				
31 Jul 2019	Midweek				7
01 Aug 2019	Midweek			5	
02 Aug 2019	Midweek			5	
03 Aug 2019	Weekend			1	
04 Aug 2019	Weekend				8
05 Aug 2019	Weekend	1			
06 Aug 2019	Midweek				
07 Aug 2019	Midweek				16
08 Aug 2019	Midweek				13
09 Aug 2019	Midweek				13
10 Aug 2019	Weekend		5	3	
11 Aug 2019	Weekend				11
12 Aug 2019	Midweek				
13 Aug 2019	Midweek				
14 Aug 2019	Midweek				9
15 Aug 2019	Midweek			3	
16 Aug 2019	Midweek				2
17 Aug 2019	Weekend				9
18 Aug 2019	Weekend			1	
19 Aug 2019	Midweek				
20 Aug 2019	Midweek				
21 Aug 2019	Midweek				
22 Aug 2019	Midweek			1	
23 Aug 2019	Midweek				
24 Aug 2019	Weekend				2
25 Aug 2019	Weekend				6
26 Aug 2019	Midweek				
27 Aug 2019	Midweek				
28 Aug 2019	Midweek			1	
29 Aug 2019	Midweek				
30 Aug 2019	Midweek				4
31 Aug 2019	Weekend			1	
01 Sep 2019	Weekend				
02 Sep 2019	Weekend				
03 Sep 2019	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-2019	Monday		0							
30-Jul-2019	Tuesday		1				1			
31-Jul-2019	Wednesday	calm/rippled	8	3	1		14			
01-Aug-2019	Thursday	calm/rippled	8	4	2		1	19	1130	24
02-Aug-2019	Friday	choppy	7	3			3			
03-Aug-2019	Saturday	calm/rippled	3	2				27	0950	45
04-Aug-2019	Sunday	choppy	9	5						
05-Aug-2019	Monday (B.C. Day)	calm/rippled	1							
06-Aug-2019	Tuesday		2	1			3			
07-Aug-2019	Wednesday	calm/rippled	16	14	1		19			
08-Aug-2019	Thursday	calm/rippled	14	17			8			
09-Aug-2019	Friday	calm/rippled	14	30	9		6			
10-Aug-2019	Saturday	choppy	8	5	5		1			
11-Aug-2019	Sunday	choppy	12	18	2		3			
12-Aug-2019	Monday		3	2			1	14	1127	18
13-Aug-2019	Tuesday		1				1			
14-Aug-2019	Wednesday	frequent whitecaps	14	21	10		2			
15-Aug-2019	Thursday	choppy	3	12						
16-Aug-2019	Friday	choppy	2							
17-Aug-2019	Saturday	choppy	12	9			6	16	1012	21
18-Aug-2019	Sunday	choppy	1				3			
19-Aug-2019	Monday		0							
20-Aug-2019	Tuesday		1	1						
21-Aug-2019	Wednesday		0							
22-Aug-2019	Thursday	choppy	3	2			2			
23-Aug-2019	Friday		0							
24-Aug-2019	Saturday	choppy	3	1	3		3			
25-Aug-2019	Sunday	choppy	9	6			5	14	0951	25
26-Aug-2019	Monday		2	1			2			
27-Aug-2019	Tuesday		1	1						
28-Aug-2019	Wednesday	choppy	2				1	6	0946	6
29-Aug-2019	Thursday		0							
30-Aug-2019	Friday	choppy	4	2						
31-Aug-2019	Saturday	calm/rippled	1				2	4	0950	7
01-Sep-2019	Sunday		0							
02-Sep-2019	Monday (Labour Day)		0							
03-Sep-2019	Tuesday		0							
	Totals	choppy	97	111	22		49	13*		16*
	Totals	choppy	59	46	10		23	15*		25*

* 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	25	10	250	0.78	0.1690		0.39	195	42		98
Midweek	16	21	336	1.1440	0.2270		0.5050	384	76		170

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	August	1502	2143	3300		1329
2015	August	1087	1830	664		1311
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
5-Yr Avg	August	784	1030	851	29	743

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	35	51%	26%	696	59%	1%	9
Chinook	66	10%	24%	379	32%	4%	16

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	294	42%
iRec Anglers	2870	23%
iRec Responses	72	65%

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

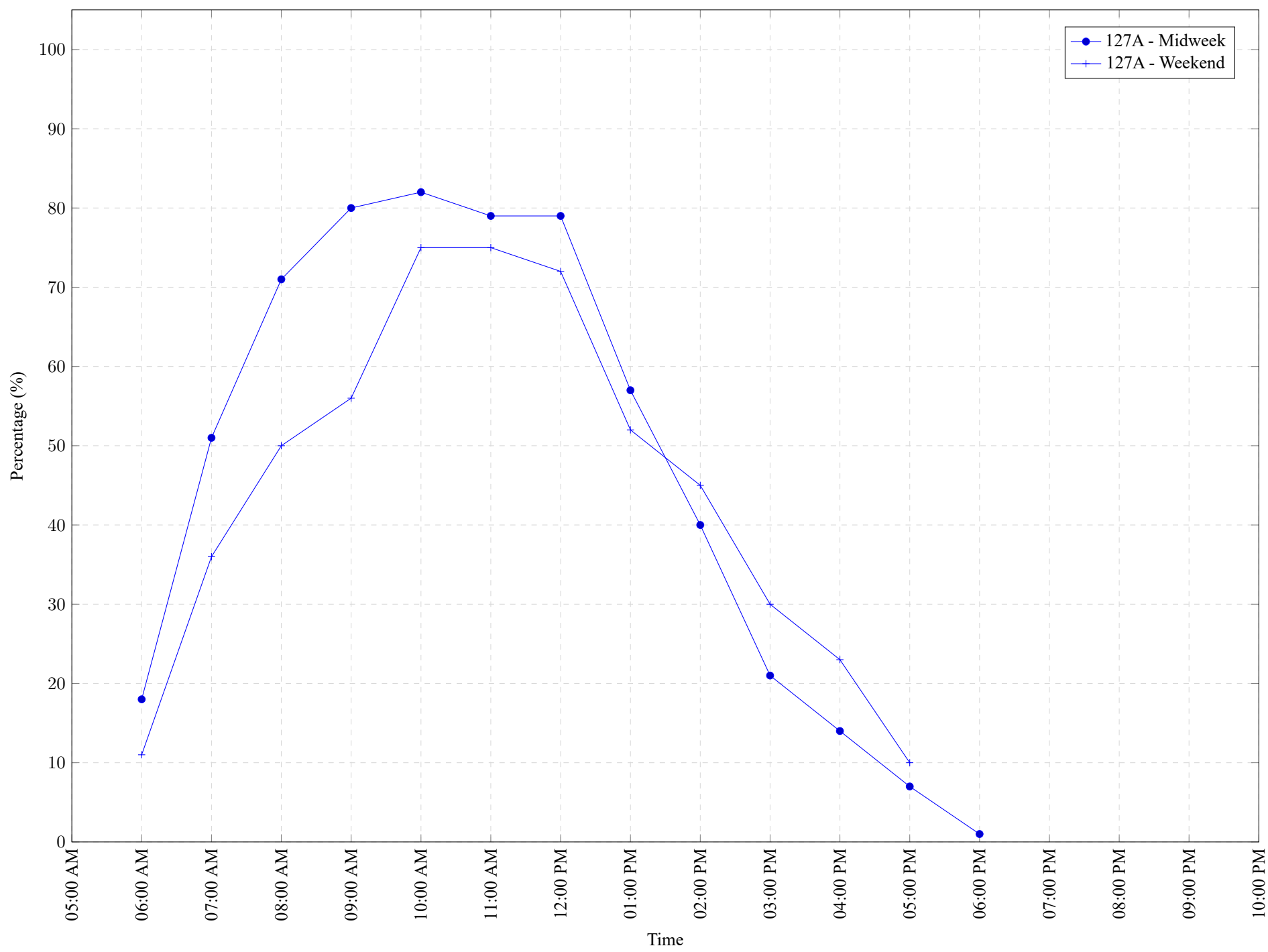


Table 7: Proportion of each day's fishing by hour.

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	18%	51%	71%	80%	82%	79%	79%	57%	40%	21%	14%	7%	1%	0%	0%	0%	0%
127A	Weekend	11%	36%	50%	56%	75%	75%	72%	52%	45%	30%	23%	10%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Port Alice	Winter Harbour Ramp
29 Jul 2019	Midweek		
30 Jul 2019	Midweek		
31 Jul 2019	Midweek		calm/rippled
01 Aug 2019	Midweek		calm/rippled
02 Aug 2019	Midweek		choppy
03 Aug 2019	Weekend		calm/rippled
04 Aug 2019	Weekend		choppy
05 Aug 2019	Weekend	calm/rippled	
06 Aug 2019	Midweek		
07 Aug 2019	Midweek		calm/rippled
08 Aug 2019	Midweek		calm/rippled
09 Aug 2019	Midweek		calm/rippled
10 Aug 2019	Weekend	calm/rippled	choppy
11 Aug 2019	Weekend		choppy
12 Aug 2019	Midweek		
13 Aug 2019	Midweek		
14 Aug 2019	Midweek		frequent whitecaps
15 Aug 2019	Midweek		choppy
16 Aug 2019	Midweek		choppy
17 Aug 2019	Weekend		choppy
18 Aug 2019	Weekend		choppy
19 Aug 2019	Midweek		
20 Aug 2019	Midweek		
21 Aug 2019	Midweek		
22 Aug 2019	Midweek		choppy
23 Aug 2019	Midweek		
24 Aug 2019	Weekend		choppy
25 Aug 2019	Weekend		choppy
26 Aug 2019	Midweek		
27 Aug 2019	Midweek		
28 Aug 2019	Midweek		choppy
29 Aug 2019	Midweek		
30 Aug 2019	Midweek		choppy
31 Aug 2019	Weekend		calm/rippled
01 Sep 2019	Weekend		
02 Sep 2019	Weekend		
03 Sep 2019	Midweek		