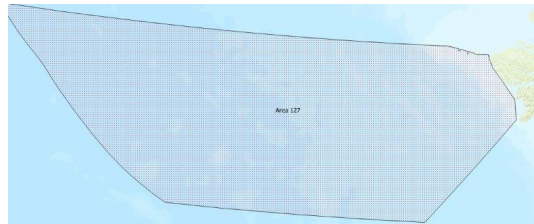


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 127 August 2020



Prepared By:
South Coast Salmon Stock Assessment Section

Tuesday 16th February, 2021



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	Coal Harbour Ramp	Port Alice		Winter Harbour Ramp	
		PM	AM	PM	AM	PM
29 Jul 2020	Midweek				7	
30 Jul 2020	Midweek					13
31 Jul 2020	Midweek					5
01 Aug 2020	Weekend				4	
02 Aug 2020	Weekend					3
03 Aug 2020	Weekend					
04 Aug 2020	Midweek					
05 Aug 2020	Midweek					2
06 Aug 2020	Midweek				6	
07 Aug 2020	Midweek					
08 Aug 2020	Weekend				2	
09 Aug 2020	Weekend				5	
10 Aug 2020	Midweek					
11 Aug 2020	Midweek					
12 Aug 2020	Midweek					5
13 Aug 2020	Midweek					5
14 Aug 2020	Midweek				5	
15 Aug 2020	Weekend					6
16 Aug 2020	Weekend			4		1
17 Aug 2020	Midweek					
18 Aug 2020	Midweek		1			
19 Aug 2020	Midweek					
20 Aug 2020	Midweek					
21 Aug 2020	Midweek					
22 Aug 2020	Weekend					2
23 Aug 2020	Weekend				5	
24 Aug 2020	Midweek	3				
25 Aug 2020	Midweek					
26 Aug 2020	Midweek					4
27 Aug 2020	Midweek				3	
28 Aug 2020	Midweek				2	
29 Aug 2020	Weekend					
30 Aug 2020	Weekend		1			3
31 Aug 2020	Midweek					
01 Sep 2020	Midweek					
02 Sep 2020	Midweek					
03 Sep 2020	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-2020	Wednesday	calm/rippled	7	4	2		4	35	0941	51
30-Jul-2020	Thursday	calm/rippled	13	20	2		12			
31-Jul-2020	Friday	frequent whitecaps	5	5	5					
01-Aug-2020	Saturday	choppy	4				3			
02-Aug-2020	Sunday	frequent whitecaps	3					6	0939	9
03-Aug-2020	Monday (B.C. Day)		0							
04-Aug-2020	Tuesday		0					17	1005	25
05-Aug-2020	Wednesday	frequent whitecaps	2		1					
06-Aug-2020	Thursday	choppy	6	5	2		1			
07-Aug-2020	Friday		0							
08-Aug-2020	Saturday	choppy	2					16	1050	24
09-Aug-2020	Sunday	choppy	5				5			
10-Aug-2020	Monday		0							
11-Aug-2020	Tuesday		0							
12-Aug-2020	Wednesday	calm/rippled	5				10	7	1101	9
13-Aug-2020	Thursday	calm/rippled	5	1			3			
14-Aug-2020	Friday	choppy	5	5			5			
15-Aug-2020	Saturday	calm/rippled	6	1	3					
16-Aug-2020	Sunday	calm/rippled	5				3	11	0951	18
17-Aug-2020	Monday		0							
18-Aug-2020	Tuesday	frequent whitecaps	1				3			
19-Aug-2020	Wednesday		0							
20-Aug-2020	Thursday		0							
21-Aug-2020	Friday		0							
22-Aug-2020	Saturday	choppy	2							
23-Aug-2020	Sunday	calm/rippled	5				3	13	1133	19
24-Aug-2020	Monday	calm/rippled	3	2			5			
25-Aug-2020	Tuesday		0					7	0936	10
26-Aug-2020	Wednesday	calm/rippled	4							
27-Aug-2020	Thursday	calm/rippled	3				3			
28-Aug-2020	Friday	calm/rippled	2		1			5	1129	6
29-Aug-2020	Saturday		0							
30-Aug-2020	Sunday	choppy	4							
31-Aug-2020	Monday		0							
01-Sep-2020	Tuesday		0							
02-Sep-2020	Wednesday		0							
03-Sep-2020	Thursday		0							
	Totals	choppy	36	13	4		30	9*		13*
	Totals	choppy	36	1	3		14	12*		18*

* 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	13	20	260	0.3610	0.1110		0.8330	94	29		217
Weekend	18	11	198	0.0280	0.0830		0.3890	6	16		77

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
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
2020	August	374	89	42		284
5-Yr Avg	August	576	735	207	29	523

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	107	26%
iRec Anglers	1060	39%

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

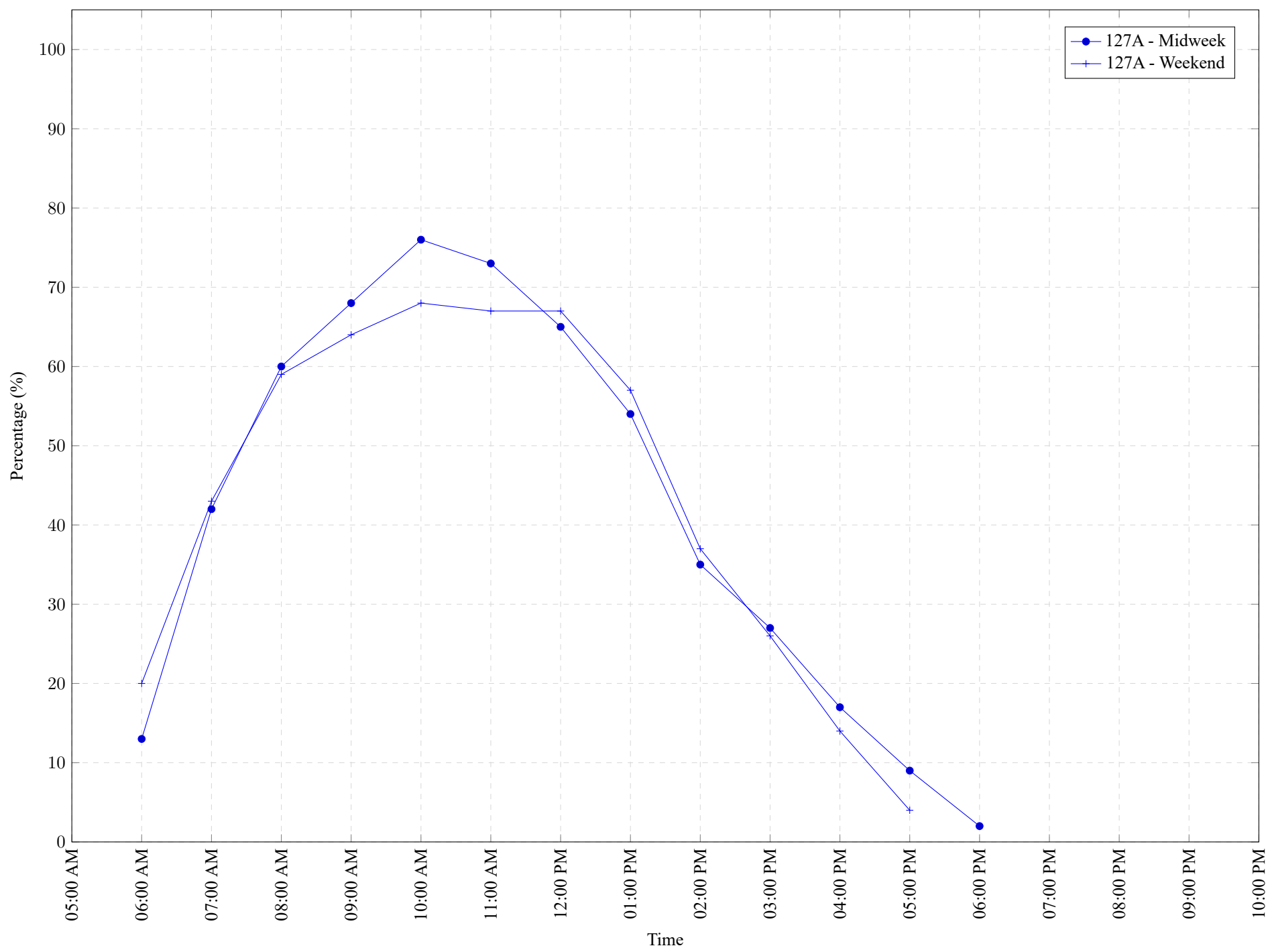


Table 7: Proportion of each day's fishing by hour.

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	13%	42%	60%	68%	76%	73%	65%	54%	35%	27%	17%	9%	2%	0%	0%	0%	0%
127A	Weekend	20%	43%	59%	64%	68%	67%	67%	57%	37%	26%	14%	4%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Coal Harbour Ramp	Port Alice	Winter Harbour Ramp
29 Jul 2020	Midweek			calm/rippled
30 Jul 2020	Midweek			calm/rippled
31 Jul 2020	Midweek			frequent whitecaps
01 Aug 2020	Weekend			choppy
02 Aug 2020	Weekend			frequent whitecaps
03 Aug 2020	Weekend			
04 Aug 2020	Midweek			
05 Aug 2020	Midweek			frequent whitecaps
06 Aug 2020	Midweek			choppy
07 Aug 2020	Midweek			
08 Aug 2020	Weekend			choppy
09 Aug 2020	Weekend			choppy
10 Aug 2020	Midweek			
11 Aug 2020	Midweek			
12 Aug 2020	Midweek			calm/rippled
13 Aug 2020	Midweek			calm/rippled
14 Aug 2020	Midweek			choppy
15 Aug 2020	Weekend			calm/rippled
16 Aug 2020	Weekend		calm/rippled	choppy
17 Aug 2020	Midweek			
18 Aug 2020	Midweek		frequent whitecaps	
19 Aug 2020	Midweek			
20 Aug 2020	Midweek			
21 Aug 2020	Midweek			
22 Aug 2020	Weekend			choppy
23 Aug 2020	Weekend			calm/rippled
24 Aug 2020	Midweek	calm/rippled		
25 Aug 2020	Midweek			
26 Aug 2020	Midweek			calm/rippled
27 Aug 2020	Midweek			calm/rippled
28 Aug 2020	Midweek			calm/rippled
29 Aug 2020	Weekend			
30 Aug 2020	Weekend		choppy	choppy
31 Aug 2020	Midweek			
01 Sep 2020	Midweek			
02 Sep 2020	Midweek			
03 Sep 2020	Midweek			