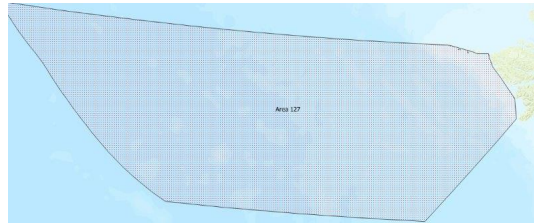


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 127 June 2019



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**



Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

Date	Day Type	Winter Harbour Ramp	
		AM	PM
29 May 2019	Midweek		
30 May 2019	Midweek		
31 May 2019	Midweek		
01 Jun 2019	Weekend		
02 Jun 2019	Weekend		
03 Jun 2019	Midweek		
04 Jun 2019	Midweek		
05 Jun 2019	Midweek		
06 Jun 2019	Midweek		
07 Jun 2019	Midweek		
08 Jun 2019	Weekend		
09 Jun 2019	Weekend		
10 Jun 2019	Midweek		
11 Jun 2019	Midweek		
12 Jun 2019	Midweek		
13 Jun 2019	Midweek		
14 Jun 2019	Midweek		
15 Jun 2019	Weekend		
16 Jun 2019	Weekend		
17 Jun 2019	Midweek		
18 Jun 2019	Midweek		1
19 Jun 2019	Midweek	2	
20 Jun 2019	Midweek		2
21 Jun 2019	Midweek		
22 Jun 2019	Weekend		
23 Jun 2019	Weekend		
24 Jun 2019	Midweek		4
25 Jun 2019	Midweek	2	
26 Jun 2019	Midweek		
27 Jun 2019	Midweek		
28 Jun 2019	Midweek		4
29 Jun 2019	Weekend		6
30 Jun 2019	Weekend		7
01 Jul 2019	Weekend		
02 Jul 2019	Midweek		
03 Jul 2019	Midweek		4

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-2019	Wednesday		0							
30-May-2019	Thursday		0							
31-May-2019	Friday		0							
01-Jun-2019	Saturday		0							
02-Jun-2019	Sunday		0							
03-Jun-2019	Monday		0							
04-Jun-2019	Tuesday		1				4			
05-Jun-2019	Wednesday		1				3			
06-Jun-2019	Thursday		0							
07-Jun-2019	Friday		0							
08-Jun-2019	Saturday		3				7			
09-Jun-2019	Sunday		4				4			
10-Jun-2019	Monday		2				4			
11-Jun-2019	Tuesday		4				8			
12-Jun-2019	Wednesday		3				4			
13-Jun-2019	Thursday		1							
14-Jun-2019	Friday		4				4			
15-Jun-2019	Saturday		6				16			
16-Jun-2019	Sunday		3				8			
17-Jun-2019	Monday		6				9			
18-Jun-2019	Tuesday	choppy	8				15			
19-Jun-2019	Wednesday	choppy	4				4			
20-Jun-2019	Thursday	frequent whitecaps	3				2			
21-Jun-2019	Friday		2				4	4	1025	6
22-Jun-2019	Saturday		3				5			
23-Jun-2019	Sunday		4				9	8	0950	10
24-Jun-2019	Monday	choppy	12				18	16	1015	21
25-Jun-2019	Tuesday	calm/rippled	11				17			
26-Jun-2019	Wednesday		8	1	1		16			
27-Jun-2019	Thursday		6				17			
28-Jun-2019	Friday	choppy	8				12			
29-Jun-2019	Saturday	calm/rippled	12				14	18	1036	21
30-Jun-2019	Sunday	choppy	14		6		26			
01-Jul-2019	Monday (Canada Day)		2				2			
02-Jul-2019	Tuesday		2	1			1			
03-Jul-2019	Wednesday	choppy	4		1					
	Totals	choppy	84	1	1		141	10*		14*
	Totals	choppy	49		6		89	13*		16*

* 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	16	10	160		0.1220		1.8160		20		291
Midweek	14	20	280	0.0120	0.0120		1.6790	3	3		470

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	June	136	177	29		89
2015	June	321	818	212		299
2016	June	658	530	2		823
2017	June	260	85	61		256
2018	June	215	237	35		288
2019	June	167	0	7		250
5-Yr Avg	June	318	369	68		351

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	0	0%		0	0%		2

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	123	57%
iRec Anglers	455	16%
iRec Responses	17	24%

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

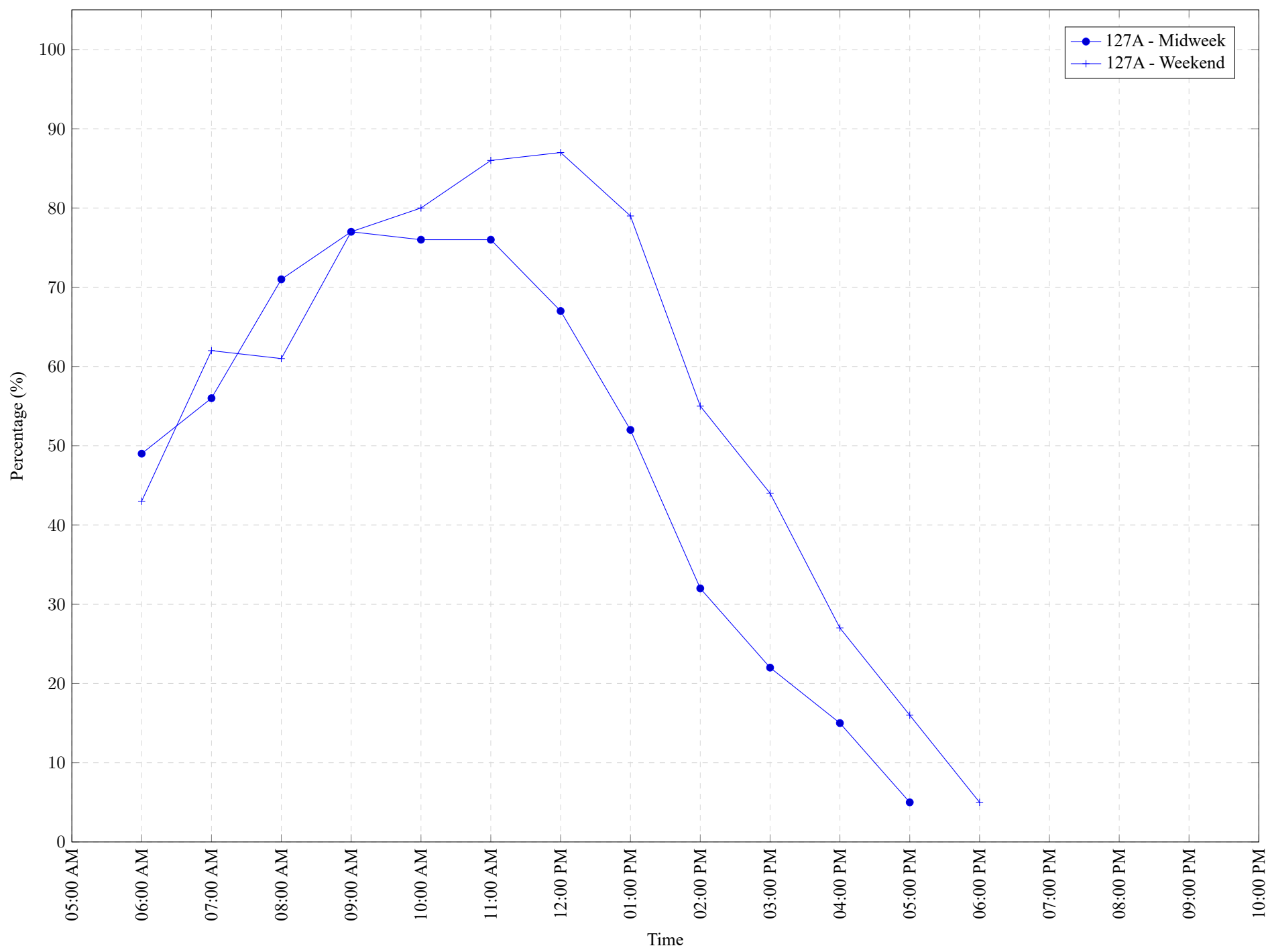


Table 7: Proportion of each day's fishing by hour.

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	49%	56%	71%	77%	76%	76%	67%	52%	32%	22%	15%	5%	0%	0%	0%	0%	0%
127A	Weekend	43%	62%	61%	77%	80%	86%	87%	79%	55%	44%	27%	16%	5%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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