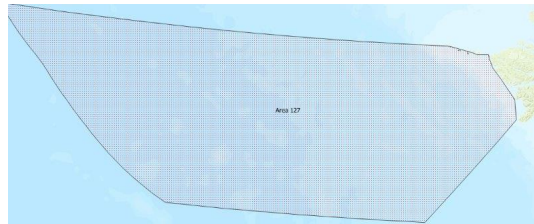


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 127 July 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	Winter Harbour Ramp	
		AM	PM
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
04 Jul 2019	Midweek	2	
05 Jul 2019	Midweek	1	
06 Jul 2019	Weekend	4	
07 Jul 2019	Weekend		7
08 Jul 2019	Midweek		
09 Jul 2019	Midweek		
10 Jul 2019	Midweek		
11 Jul 2019	Midweek		3
12 Jul 2019	Midweek		2
13 Jul 2019	Weekend	3	
14 Jul 2019	Weekend		9
15 Jul 2019	Midweek		
16 Jul 2019	Midweek		
17 Jul 2019	Midweek		
18 Jul 2019	Midweek		
19 Jul 2019	Midweek		3
20 Jul 2019	Weekend		9
21 Jul 2019	Weekend	5	
22 Jul 2019	Midweek		
23 Jul 2019	Midweek		
24 Jul 2019	Midweek	6	
25 Jul 2019	Midweek		
26 Jul 2019	Midweek		
27 Jul 2019	Weekend		8
28 Jul 2019	Weekend	1	
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	

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
28-Jun-2019	Friday	choppy	8				12			
29-Jun-2019	Saturday	calm/rippled	12				14	18	1036	24
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					
04-Jul-2019	Thursday	choppy	2				3			
05-Jul-2019	Friday	calm/rippled	1							
06-Jul-2019	Saturday	choppy	6				5			
07-Jul-2019	Sunday	choppy	8				7	6	1009	9
08-Jul-2019	Monday		1				1			
09-Jul-2019	Tuesday		0					10	1033	13
10-Jul-2019	Wednesday		0							
11-Jul-2019	Thursday	choppy	3				1			
12-Jul-2019	Friday	choppy	2				2			
13-Jul-2019	Saturday	calm/rippled	4				7	11	1051	15
14-Jul-2019	Sunday	frequent whitecaps	10				12			
15-Jul-2019	Monday		2				5			
16-Jul-2019	Tuesday		1				1	15	0936	20
17-Jul-2019	Wednesday		0							
18-Jul-2019	Thursday		1				1			
19-Jul-2019	Friday	choppy	6		1		10			
20-Jul-2019	Saturday	choppy	11	4			16			
21-Jul-2019	Sunday	calm/rippled	5	4			1	25	0953	33
22-Jul-2019	Monday		2				2			
23-Jul-2019	Tuesday		1				1			
24-Jul-2019	Wednesday	choppy	7	6			3			
25-Jul-2019	Thursday		0							
26-Jul-2019	Friday		0							
27-Jul-2019	Saturday	choppy	10	2	7		8	28	0945	37
28-Jul-2019	Sunday	choppy	2				2			
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	27
02-Aug-2019	Friday	choppy	7	3			3			
03-Aug-2019	Saturday	calm/rippled	3	2				27	0950	35
	Totals	choppy	44	10	3		46	13*		17*
	Totals	choppy	58	10	7		60	18*		24*

* 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	24	9	216	0.1720	0.1210		1.0340	37	26		223
Midweek	17	22	374	0.2270	0.0680		1.0450	85	25		391

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	July	1097	1995	1729		976
2015	July	952	1158	638		1203
2016	July	669	449	490		817
2017	July	722	1416	142	85	536
2018	July	674	756	365		647
2019	July	442	143	33		442
5-Yr Avg	July	823	1155	673	85	836

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	20	61%	5%	265	71%	0%	1
Chinook	20	14%	15%	214	46%	1%	3

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	267	44%
iRec Anglers	910	45%
iRec Responses	32	78%

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

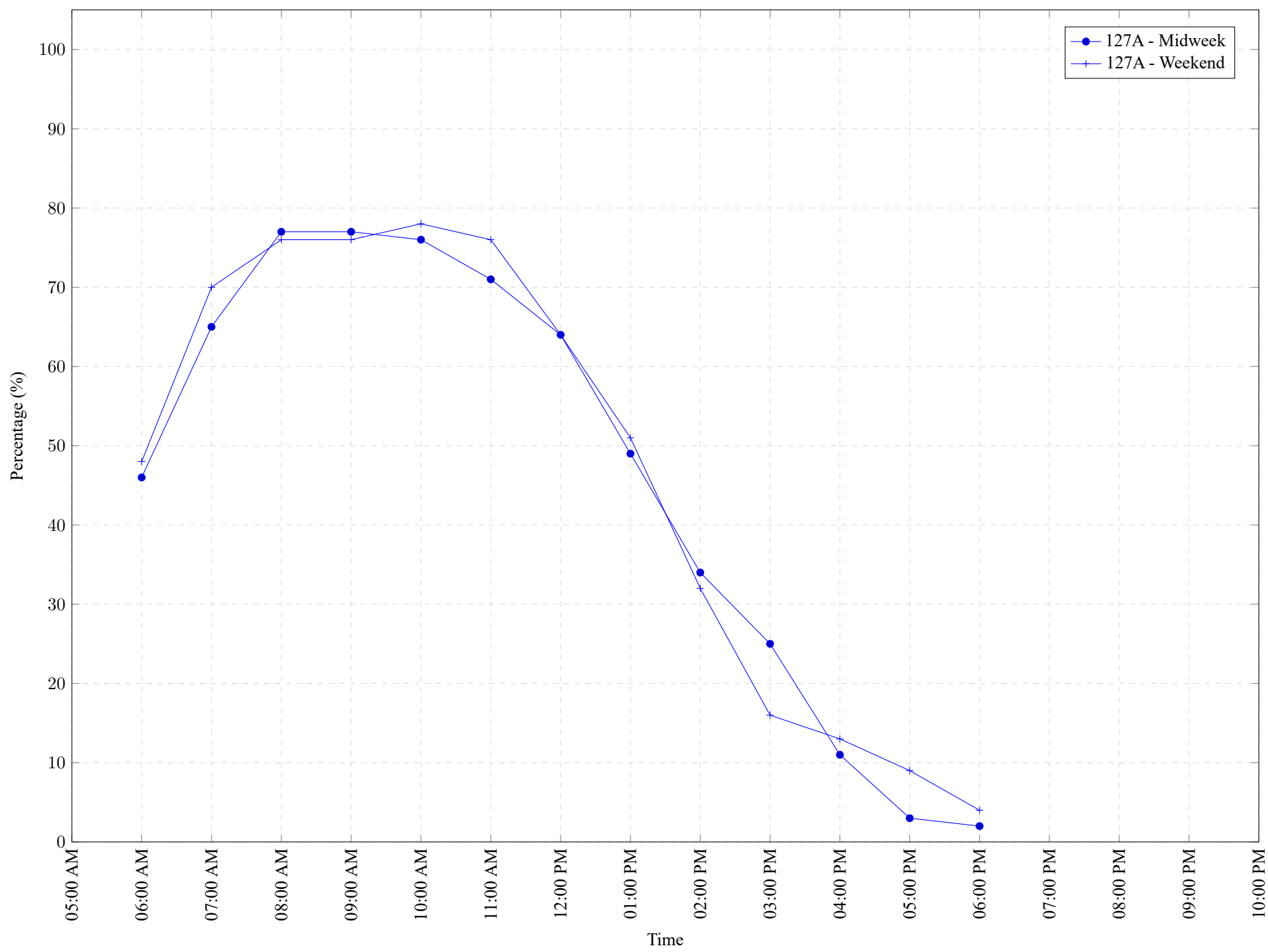


Table 7: Proportion of each day's fishing by hour.

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	46%	65%	77%	77%	76%	71%	64%	49%	34%	25%	11%	3%	2%	0%	0%	0%	0%
127A	Weekend	48%	70%	76%	76%	78%	76%	64%	51%	32%	16%	13%	9%	4%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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