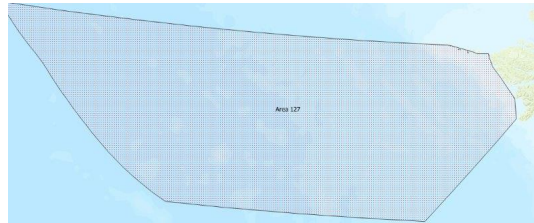


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 127 June 2016



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 17th June, 2021



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	Port Alice		Quarter-deck Marina PM	Winter Harbour Ramp	
		AM	PM		AM	PM
29 May 2016	Weekend					
30 May 2016	Midweek					
31 May 2016	Midweek					
01 Jun 2016	Midweek					
02 Jun 2016	Midweek					
03 Jun 2016	Midweek					
04 Jun 2016	Weekend					
05 Jun 2016	Weekend					
06 Jun 2016	Midweek					
07 Jun 2016	Midweek					
08 Jun 2016	Midweek					
09 Jun 2016	Midweek					
10 Jun 2016	Midweek					
11 Jun 2016	Weekend					
12 Jun 2016	Weekend					
13 Jun 2016	Midweek			1		
14 Jun 2016	Midweek					
15 Jun 2016	Midweek					
16 Jun 2016	Midweek				2	
17 Jun 2016	Midweek					3
18 Jun 2016	Weekend					6
19 Jun 2016	Weekend				4	
20 Jun 2016	Midweek					3
21 Jun 2016	Midweek					
22 Jun 2016	Midweek					
23 Jun 2016	Midweek					3
24 Jun 2016	Midweek				4	
25 Jun 2016	Weekend				2	
26 Jun 2016	Weekend					6
27 Jun 2016	Midweek				5	
28 Jun 2016	Midweek					
29 Jun 2016	Midweek					
30 Jun 2016	Midweek	1			4	
01 Jul 2016	Weekend					
02 Jul 2016	Weekend				5	
03 Jul 2016	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
29-May-2016	Sunday		0							
30-May-2016	Monday		0							
31-May-2016	Tuesday		0							
01-Jun-2016	Wednesday		0							
02-Jun-2016	Thursday		0							
03-Jun-2016	Friday		0							
04-Jun-2016	Saturday		0							
05-Jun-2016	Sunday		1	1			5			
06-Jun-2016	Monday		1	3			5			
07-Jun-2016	Tuesday		2	6			5			
08-Jun-2016	Wednesday		2				3			
09-Jun-2016	Thursday		3	3			14			
10-Jun-2016	Friday		0							
11-Jun-2016	Saturday		1	2			4			
12-Jun-2016	Sunday		1	1						
13-Jun-2016	Monday	calm/rippled	3	3			6			
14-Jun-2016	Tuesday		1				4	11	0938	14
15-Jun-2016	Wednesday		1				4			
16-Jun-2016	Thursday	choppy	3	6			1			
17-Jun-2016	Friday	calm/rippled	6	4			18			
18-Jun-2016	Saturday	calm/rippled	10	19			13			
19-Jun-2016	Sunday	calm/rippled	9	9			15	31	0935	40
20-Jun-2016	Monday	choppy	5	9			8			
21-Jun-2016	Tuesday		4	5			6			
22-Jun-2016	Wednesday		4	3			13			
23-Jun-2016	Thursday	choppy	7	4			8			
24-Jun-2016	Friday	choppy	6	8			8			
25-Jun-2016	Saturday	choppy	5	3			14			
26-Jun-2016	Sunday	choppy	10	4	2		29	25	1031	31
27-Jun-2016	Monday	choppy	7	4			7			
28-Jun-2016	Tuesday		3	11			5			
29-Jun-2016	Wednesday		3				15	19	0943	23
30-Jun-2016	Thursday	calm/rippled	6	9			4			
01-Jul-2016	Friday (Canada Day)		2	18						
02-Jul-2016	Saturday	frequent whitecaps	8	12			19	8	0931	10
03-Jul-2016	Sunday	choppy	3	2			9			
	Totals	choppy	67	78			134	15*		19*
	Totals	choppy	37	39	2		80	28*		36*

* 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	36	8	288	1.054	0.054		2.162	304	16		623
Midweek	19	22	418	1.164			2	487			836

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2011	June	217	302	76		368
2012	June	342	199	110		577
2013	June	340	707	161		336
2014	June	136	177	29		89
2015	June	321	818	212		299
2016	June	658	530	2		823
5-Yr Avg	June	271	441	118		334

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	103	19%	29%	115	17%	26%	30

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	92	14%
iRec Anglers	1232	5%
iRec Responses	44	20%

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

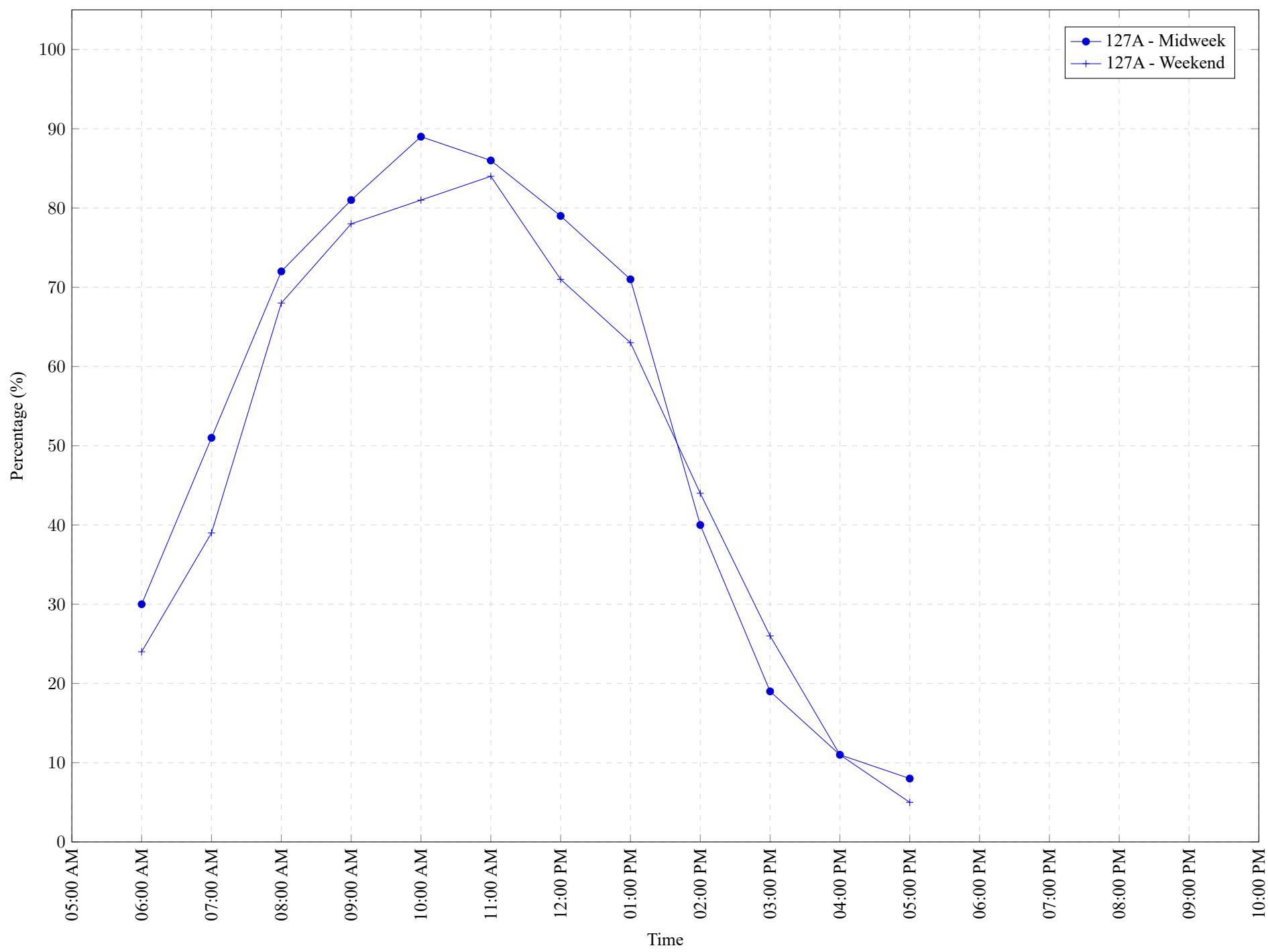


Table 7: Proportion of each day's fishing by hour.

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	30%	51%	72%	81%	89%	86%	79%	71%	40%	19%	11%	8%	0%	0%	0%	0%	0%
127A	Weekend	24%	39%	68%	78%	81%	84%	71%	63%	44%	26%	11%	5%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Port Alice	Quarterdeck Marina	Winter Harbour Ramp
29 May 2016	Weekend			
30 May 2016	Midweek			
31 May 2016	Midweek			
01 Jun 2016	Midweek			
02 Jun 2016	Midweek			
03 Jun 2016	Midweek			
04 Jun 2016	Weekend			
05 Jun 2016	Weekend			
06 Jun 2016	Midweek			
07 Jun 2016	Midweek			
08 Jun 2016	Midweek			
09 Jun 2016	Midweek			
10 Jun 2016	Midweek			
11 Jun 2016	Weekend			
12 Jun 2016	Weekend			
13 Jun 2016	Midweek		calm/rippled	
14 Jun 2016	Midweek			
15 Jun 2016	Midweek			
16 Jun 2016	Midweek			choppy
17 Jun 2016	Midweek			calm/rippled
18 Jun 2016	Weekend			calm/rippled
19 Jun 2016	Weekend			calm/rippled
20 Jun 2016	Midweek			choppy
21 Jun 2016	Midweek			
22 Jun 2016	Midweek			
23 Jun 2016	Midweek			choppy
24 Jun 2016	Midweek			choppy
25 Jun 2016	Weekend			choppy
26 Jun 2016	Weekend			choppy
27 Jun 2016	Midweek			choppy
28 Jun 2016	Midweek			
29 Jun 2016	Midweek			
30 Jun 2016	Midweek	calm/rippled		calm/rippled
01 Jul 2016	Weekend			
02 Jul 2016	Weekend			frequent whitecaps
03 Jul 2016	Weekend	choppy		