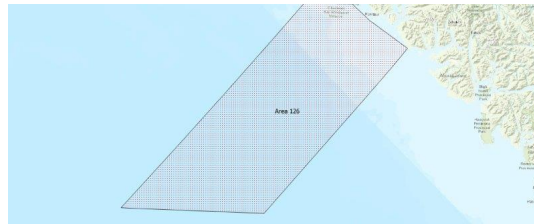


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 126 July 2019



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



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	Westview Marina	
		MD	PM
28 Jun 2019	Midweek	1	
29 Jun 2019	Weekend		
30 Jun 2019	Weekend		
01 Jul 2019	Weekend		
02 Jul 2019	Midweek		
03 Jul 2019	Midweek	1	
04 Jul 2019	Midweek	2	
05 Jul 2019	Midweek		
06 Jul 2019	Weekend		
07 Jul 2019	Weekend		
08 Jul 2019	Midweek		
09 Jul 2019	Midweek		
10 Jul 2019	Midweek		
11 Jul 2019	Midweek		
12 Jul 2019	Midweek	1	
13 Jul 2019	Weekend		
14 Jul 2019	Weekend		
15 Jul 2019	Midweek	2	
16 Jul 2019	Midweek	2	
17 Jul 2019	Midweek		
18 Jul 2019	Midweek		
19 Jul 2019	Midweek		
20 Jul 2019	Weekend		
21 Jul 2019	Weekend		
22 Jul 2019	Midweek		
23 Jul 2019	Midweek		
24 Jul 2019	Midweek	1	
25 Jul 2019	Midweek		
26 Jul 2019	Midweek		
27 Jul 2019	Weekend		
28 Jul 2019	Weekend		
29 Jul 2019	Midweek		
30 Jul 2019	Midweek		
31 Jul 2019	Midweek		4
01 Aug 2019	Midweek		
02 Aug 2019	Midweek	1	
03 Aug 2019	Weekend	6	

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	calm/rippled	9				21			
29-Jun-2019	Saturday		6	5	1		11	17	1035	31
30-Jun-2019	Sunday		5				10	3	0825	5
01-Jul-2019	Monday (Canada Day)		2				4			
02-Jul-2019	Tuesday		0							
03-Jul-2019	Wednesday	calm/rippled	1				4			
04-Jul-2019	Thursday	calm/rippled	5	3			7			
05-Jul-2019	Friday		1				3			
06-Jul-2019	Saturday		0							
07-Jul-2019	Sunday		2				4	15	1046	27
08-Jul-2019	Monday		2				6			
09-Jul-2019	Tuesday		0					6	1059	12
10-Jul-2019	Wednesday		0							
11-Jul-2019	Thursday		1				2			
12-Jul-2019	Friday	calm/rippled	2				7			
13-Jul-2019	Saturday		0					21	1129	46
14-Jul-2019	Sunday		3	7			1			
15-Jul-2019	Monday	calm/rippled	2	8			4			
16-Jul-2019	Tuesday	calm/rippled	2				5	66	1009	109
17-Jul-2019	Wednesday		0							
18-Jul-2019	Thursday		1				2			
19-Jul-2019	Friday		0							
20-Jul-2019	Saturday		2	1				23	0827	38
21-Jul-2019	Sunday		0							
22-Jul-2019	Monday		0							
23-Jul-2019	Tuesday		0							
24-Jul-2019	Wednesday	choppy	1				1			
25-Jul-2019	Thursday		0							
26-Jul-2019	Friday		0							
27-Jul-2019	Saturday		0					27	1022	47
28-Jul-2019	Sunday		0							
29-Jul-2019	Monday		2	9						
30-Jul-2019	Tuesday		4	8						
31-Jul-2019	Wednesday	calm/rippled	10	32	5		14			
01-Aug-2019	Thursday		6	21				17	1158	41
02-Aug-2019	Friday	calm/rippled	8	29				59	1027	104
03-Aug-2019	Saturday	calm/rippled	17	67			16			
	Totals	calm/rippled	34	60	5		55	36*		61*
	Totals		9	8			9	22*		40*

* 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	61	22	1342	1.7650	0.1470		1.6180	2369	197		2171
Weekend	40	9	360	0.8890			1	320			360

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	July	1038	3210	1048		1606
2015	July	781	2400	141		1121
2016	July	687	2012	36		919
2017	July	1083	3663	196		1841
2018	July	497	1509	142		707
2019	July	1677	644	13		1557
5-Yr Avg	July	817	2559	313		1239

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	13	100%	8%	0	0%		1
Chinook	44	7%	20%	64	37%	14%	9

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	13	15%
iRec Anglers	944	89%
iRec Responses	47	85%

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

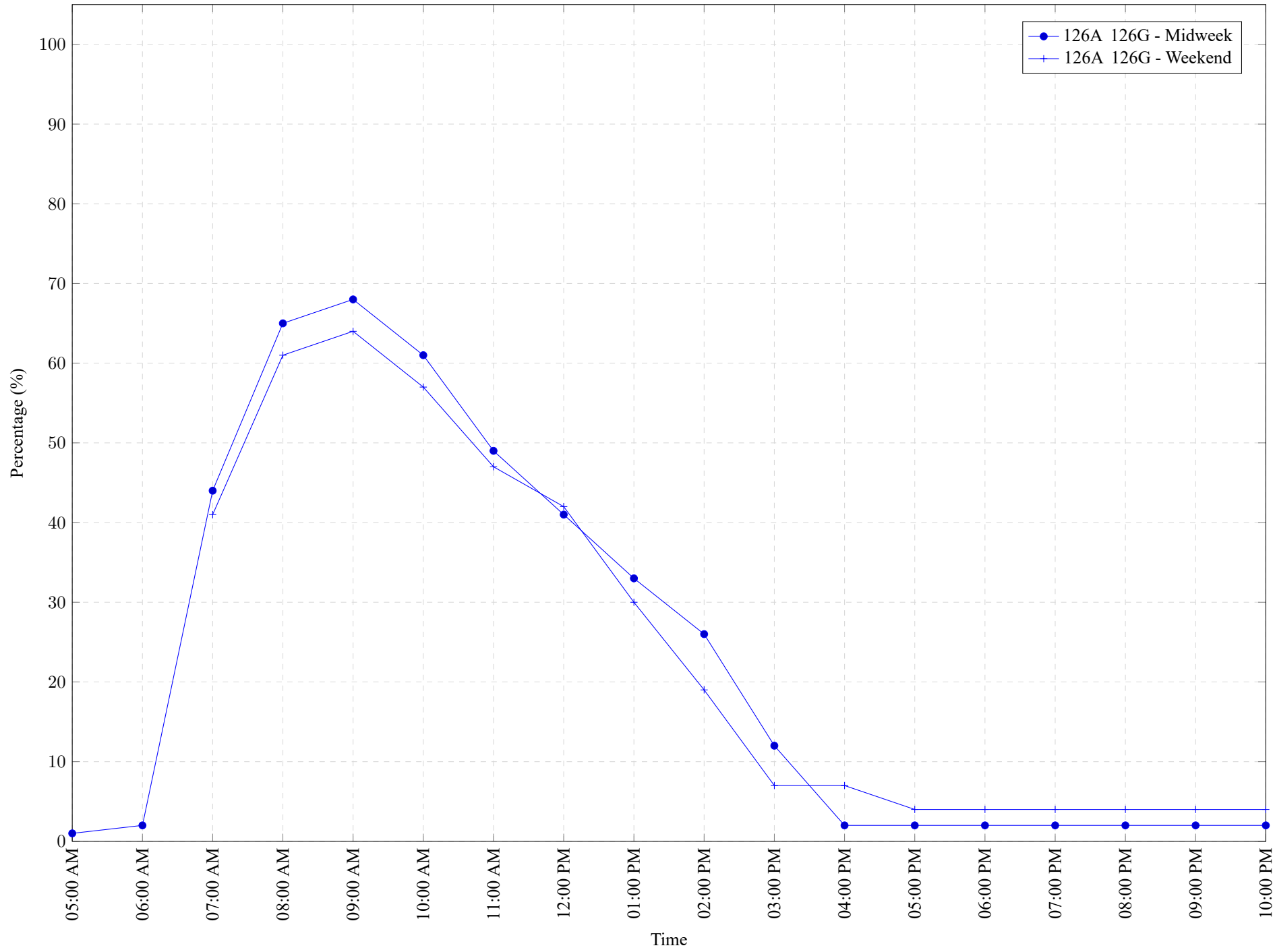


Table 7: Proportion of each day's fishing by hour.

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
126A	126G	Midweek	2%	44%	65%	68%	61%	49%	41%	33%	26%	12%	2%	2%	2%	2%	2%	2%	2%
126A	126G	Weekend	0%	41%	61%	64%	57%	47%	42%	30%	19%	7%	7%	4%	4%	4%	4%	4%	4%

Table 8: Daily Fishing Conditions.

Date	Day Type	Westview Marina
28 Jun 2019	Midweek	calm/rippled
29 Jun 2019	Weekend	
30 Jun 2019	Weekend	
01 Jul 2019	Weekend	
02 Jul 2019	Midweek	
03 Jul 2019	Midweek	calm/rippled
04 Jul 2019	Midweek	calm/rippled
05 Jul 2019	Midweek	
06 Jul 2019	Weekend	
07 Jul 2019	Weekend	
08 Jul 2019	Midweek	
09 Jul 2019	Midweek	
10 Jul 2019	Midweek	
11 Jul 2019	Midweek	
12 Jul 2019	Midweek	calm/rippled
13 Jul 2019	Weekend	
14 Jul 2019	Weekend	
15 Jul 2019	Midweek	calm/rippled
16 Jul 2019	Midweek	calm/rippled
17 Jul 2019	Midweek	
18 Jul 2019	Midweek	
19 Jul 2019	Midweek	
20 Jul 2019	Weekend	
21 Jul 2019	Weekend	
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	
28 Jul 2019	Weekend	
29 Jul 2019	Midweek	
30 Jul 2019	Midweek	
31 Jul 2019	Midweek	calm/rippled
01 Aug 2019	Midweek	
02 Aug 2019	Midweek	calm/rippled
03 Aug 2019	Weekend	calm/rippled