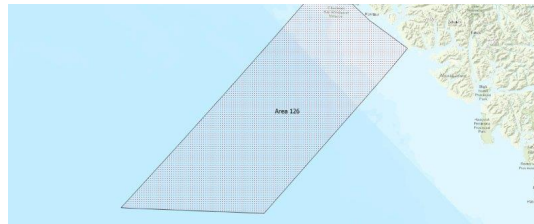


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 126 August 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	Method Marine PM	Westview Marina		
			AM	MD	PM
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	
04 Aug 2019	Weekend		1		
05 Aug 2019	Weekend				
06 Aug 2019	Midweek			1	
07 Aug 2019	Midweek				
08 Aug 2019	Midweek			2	
09 Aug 2019	Midweek	1		6	
10 Aug 2019	Weekend			5	
11 Aug 2019	Weekend			2	
12 Aug 2019	Midweek			1	
13 Aug 2019	Midweek				6
14 Aug 2019	Midweek				
15 Aug 2019	Midweek				
16 Aug 2019	Midweek				
17 Aug 2019	Weekend			3	
18 Aug 2019	Weekend			5	
19 Aug 2019	Midweek				
20 Aug 2019	Midweek				
21 Aug 2019	Midweek				
22 Aug 2019	Midweek				
23 Aug 2019	Midweek			4	
24 Aug 2019	Weekend			4	
25 Aug 2019	Weekend				
26 Aug 2019	Midweek				
27 Aug 2019	Midweek				
28 Aug 2019	Midweek			1	
29 Aug 2019	Midweek				1
30 Aug 2019	Midweek				
31 Aug 2019	Weekend			1	
01 Sep 2019	Weekend				
02 Sep 2019	Weekend				
03 Sep 2019	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-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	38
02-Aug-2019	Friday	calm/rippled	8	29						
03-Aug-2019	Saturday	calm/rippled	17	67			16	59	1027	79
04-Aug-2019	Sunday	calm/rippled	6	10						
05-Aug-2019	Monday (B.C. Day)		4	7						
06-Aug-2019	Tuesday	calm/rippled	10	32						
07-Aug-2019	Wednesday		6	18						
08-Aug-2019	Thursday	calm/rippled	2	8			3			
09-Aug-2019	Friday	calm/rippled	8	33	2		12			
10-Aug-2019	Saturday	calm/rippled	6	13	1		9	47	0833	64
11-Aug-2019	Sunday	calm/rippled	2	2						
12-Aug-2019	Monday	calm/rippled	7	33						
13-Aug-2019	Tuesday	calm/rippled	15	41	2		14			
14-Aug-2019	Wednesday		1	1						
15-Aug-2019	Thursday		4	18						
16-Aug-2019	Friday		0							
17-Aug-2019	Saturday	calm/rippled	4	14			1	26	1036	35
18-Aug-2019	Sunday	choppy	6	32	1		6			
19-Aug-2019	Monday		9	30			3			
20-Aug-2019	Tuesday		2	7						
21-Aug-2019	Wednesday		10	27						
22-Aug-2019	Thursday		5	16			5			
23-Aug-2019	Friday	calm/rippled	5	4			4			
24-Aug-2019	Saturday	calm/rippled	5	2	1		4	11	0850	15
25-Aug-2019	Sunday		1	2						
26-Aug-2019	Monday		0							
27-Aug-2019	Tuesday		1	4				9	0848	13
28-Aug-2019	Wednesday	calm/rippled	2	4						
29-Aug-2019	Thursday	choppy	1				9			
30-Aug-2019	Friday		1				2			
31-Aug-2019	Saturday	calm/rippled	1	8				23	1040	31
01-Sep-2019	Sunday		0							
02-Sep-2019	Monday (Labour Day)		0							
03-Sep-2019	Tuesday		1	1	1		9			
	Totals	calm/rippled	103	326	4		52	13*		26*
	Totals	calm/rippled	52	157	3		36	33*		45*

* 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	26	21	546	3.1650	0.0390		0.5050	1728	21		276
Weekend	45	10	450	3.0190	0.0580		0.6920	1359	26		311

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	August	584	1681	1074	24	883
2015	August	687	2253	468		847
2016	August	632	1197	12		750
2017	August	828	1575	405	2	808
2018	August	934	1353	571	1	1587
2019	August	901	1672	11		674
5-Yr Avg	August	733	1612	506	9	975

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	0	0%		171	23%	1%	1
Chinook	132	8%	55%	299	13%	24%	72

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	51	29%
iRec Anglers	3203	82%
iRec Responses	117	91%

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

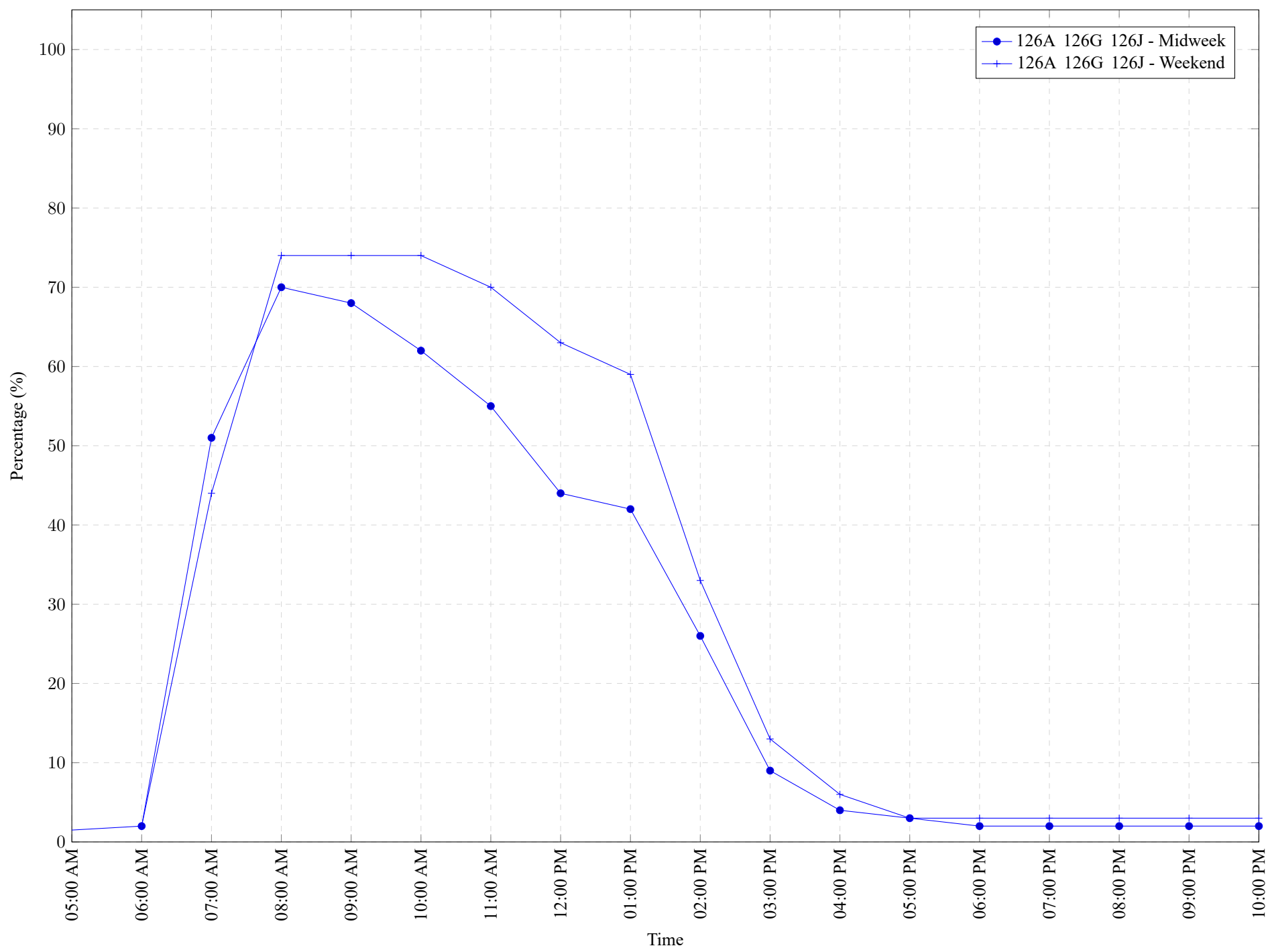


Table 7: Proportion of each day’s fishing by hour.

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	126J	Midweek	2%	51%	70%	68%	62%	55%	44%	42%	26%	9%	4%	3%	2%	2%	2%	2%	2%
126A	126G	126J	Weekend	2%	44%	74%	74%	74%	70%	63%	59%	33%	13%	6%	3%	3%	3%	3%	3%	3%

Table 8: Daily Fishing Conditions.

Date	Day Type	Method Marine	Westview Marina
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
04 Aug 2019	Weekend		calm/rippled
05 Aug 2019	Weekend		
06 Aug 2019	Midweek		calm/rippled
07 Aug 2019	Midweek		
08 Aug 2019	Midweek		calm/rippled
09 Aug 2019	Midweek	calm/rippled	calm/rippled
10 Aug 2019	Weekend		calm/rippled
11 Aug 2019	Weekend		calm/rippled
12 Aug 2019	Midweek		calm/rippled
13 Aug 2019	Midweek		calm/rippled
14 Aug 2019	Midweek		
15 Aug 2019	Midweek		
16 Aug 2019	Midweek		
17 Aug 2019	Weekend		calm/rippled
18 Aug 2019	Weekend		choppy
19 Aug 2019	Midweek		
20 Aug 2019	Midweek		
21 Aug 2019	Midweek		
22 Aug 2019	Midweek		
23 Aug 2019	Midweek		calm/rippled
24 Aug 2019	Weekend		calm/rippled
25 Aug 2019	Weekend		
26 Aug 2019	Midweek		
27 Aug 2019	Midweek		
28 Aug 2019	Midweek		calm/rippled
29 Aug 2019	Midweek		choppy
30 Aug 2019	Midweek		
31 Aug 2019	Weekend		calm/rippled
01 Sep 2019	Weekend		
02 Sep 2019	Weekend		
03 Sep 2019	Midweek		