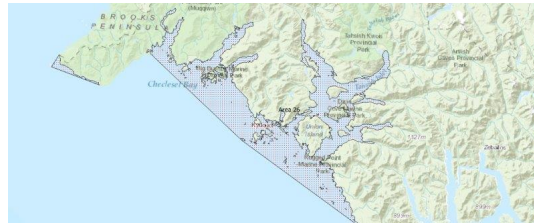


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 26 June 2022



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



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
29 May 2022	Weekend		
30 May 2022	Midweek		
31 May 2022	Midweek		
01 Jun 2022	Midweek		
02 Jun 2022	Midweek		
03 Jun 2022	Midweek		
04 Jun 2022	Weekend		
05 Jun 2022	Weekend		
06 Jun 2022	Midweek		
07 Jun 2022	Midweek		
08 Jun 2022	Midweek		
09 Jun 2022	Midweek		
10 Jun 2022	Midweek		
11 Jun 2022	Weekend		
12 Jun 2022	Weekend		1
13 Jun 2022	Midweek		
14 Jun 2022	Midweek		
15 Jun 2022	Midweek		
16 Jun 2022	Midweek	1	
17 Jun 2022	Midweek		
18 Jun 2022	Weekend		
19 Jun 2022	Weekend		
20 Jun 2022	Midweek	5	
21 Jun 2022	Midweek	2	
22 Jun 2022	Midweek		
23 Jun 2022	Midweek		
24 Jun 2022	Midweek		
25 Jun 2022	Weekend		
26 Jun 2022	Weekend		
27 Jun 2022	Midweek	2	
28 Jun 2022	Midweek		
29 Jun 2022	Midweek	2	
30 Jun 2022	Midweek		
01 Jul 2022	Weekend		
02 Jul 2022	Weekend	2	
03 Jul 2022	Weekend		

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-2022	Sunday		0							
30-May-2022	Monday		0							
31-May-2022	Tuesday		0							
01-Jun-2022	Wednesday		0							
02-Jun-2022	Thursday		0							
03-Jun-2022	Friday		0							
04-Jun-2022	Saturday		0					0	1102	0
05-Jun-2022	Sunday		0							
06-Jun-2022	Monday		0							
07-Jun-2022	Tuesday		2	4						
08-Jun-2022	Wednesday		3	10			1	2	1027	4
09-Jun-2022	Thursday		0							
10-Jun-2022	Friday		3	6						
11-Jun-2022	Saturday		4	6						
12-Jun-2022	Sunday	calm/rippled	5	8	1			3	1004	12
13-Jun-2022	Monday		3	5	3					
14-Jun-2022	Tuesday		5	13	1					
15-Jun-2022	Wednesday		6	17	1					
16-Jun-2022	Thursday	calm/rippled	7	22	5			9	1043	19
17-Jun-2022	Friday		7	16	2		3			
18-Jun-2022	Saturday		7	9	1					
19-Jun-2022	Sunday		5	16				3	1020	12
20-Jun-2022	Monday	calm/rippled	13	47	6		1			
21-Jun-2022	Tuesday	calm/rippled	11	21	1		1			
22-Jun-2022	Wednesday		9	24						
23-Jun-2022	Thursday		9	20	2			1	0841	2
24-Jun-2022	Friday		8	24	4					
25-Jun-2022	Saturday		8	20	6		1			
26-Jun-2022	Sunday		8	25						
27-Jun-2022	Monday	calm/rippled	9	19			3	9	1223	25
28-Jun-2022	Tuesday		7	20	3		1			
29-Jun-2022	Wednesday	calm/rippled	11	19	1		4			
30-Jun-2022	Thursday		11	10	1		3			
01-Jul-2022	Friday (Canada Day)		7	20	11		1			
02-Jul-2022	Saturday	choppy	15	33	13		1			
03-Jul-2022	Sunday		19	56	27					
	Totals	calm/rippled	124	297	30		17	5*		13*
	Totals	calm/rippled	37	84	8		1	2*		8*

* 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	8	8	64	2.27	0.216		0.027	145	14		2
Midweek	13	22	286	2.395	0.242		0.137	685	69		39

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	June	308	383			25
2018	June	686	1128	129		55
2019	June	347	875	130		24
2020	June	307	95	13		36
2021	June	947	2025	558	0	288
2022	June	380	789	129		44
5-Yr Avg	June	519	901	208	0	86

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	6	5%	150%	67	20%	13%	9
Chinook	49	6%	139%	203	19%	33%	68

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	1252	79%

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

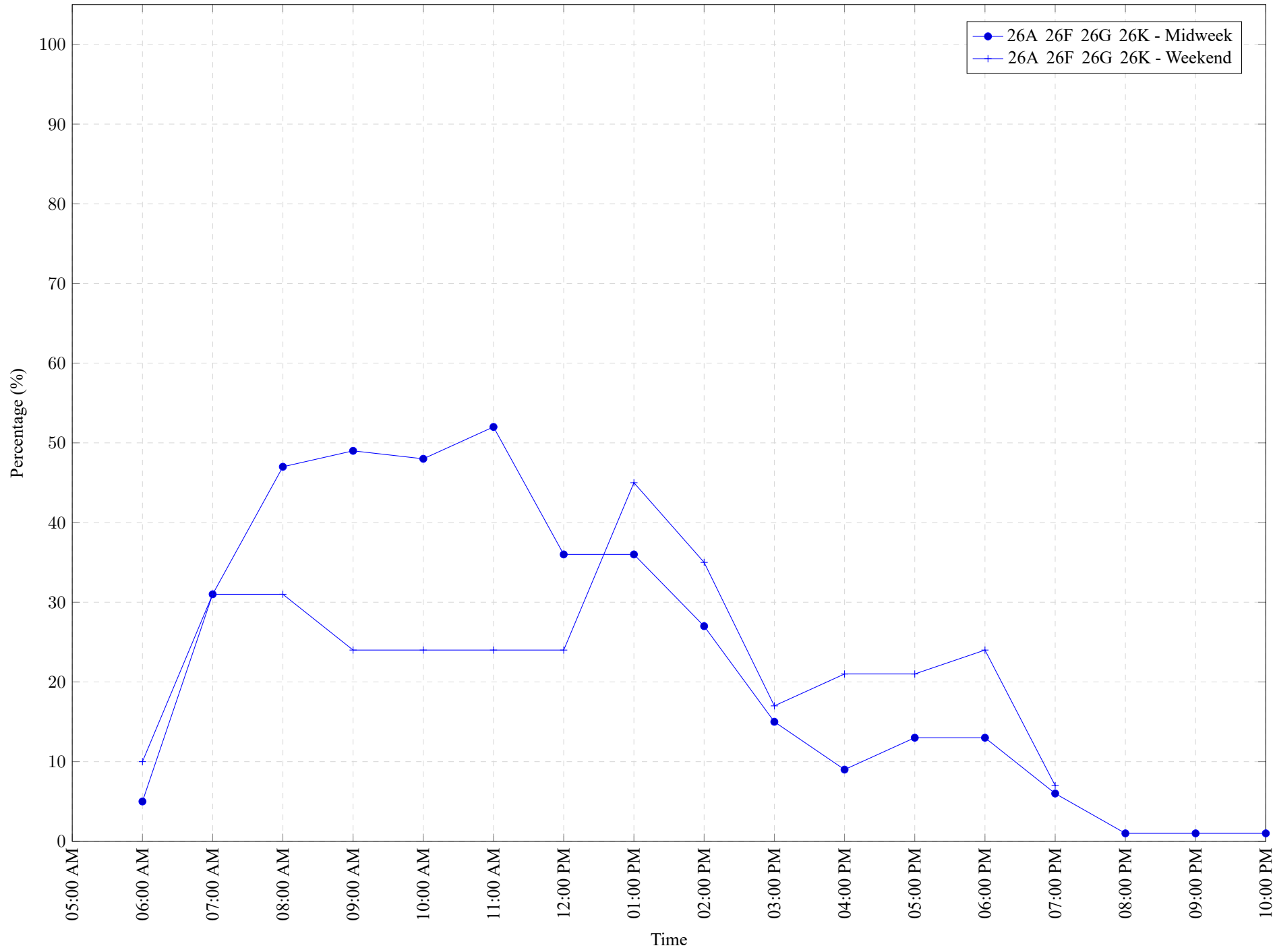


Table 7: Proportion of each day's fishing by hour.

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
26A	26F	26G	26K	Midweek	5%	31%	47%	49%	48%	52%	36%	36%	27%	15%	9%	13%	13%	6%	1%	1%	1%
26A	26F	26G	26K	Weekend	10%	31%	31%	24%	24%	24%	24%	45%	35%	17%	21%	21%	24%	7%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Westview Marina
29 May 2022	Weekend	
30 May 2022	Midweek	
31 May 2022	Midweek	
01 Jun 2022	Midweek	
02 Jun 2022	Midweek	
03 Jun 2022	Midweek	
04 Jun 2022	Weekend	
05 Jun 2022	Weekend	
06 Jun 2022	Midweek	
07 Jun 2022	Midweek	
08 Jun 2022	Midweek	
09 Jun 2022	Midweek	
10 Jun 2022	Midweek	
11 Jun 2022	Weekend	
12 Jun 2022	Weekend	calm/rippled
13 Jun 2022	Midweek	
14 Jun 2022	Midweek	
15 Jun 2022	Midweek	
16 Jun 2022	Midweek	calm/rippled
17 Jun 2022	Midweek	
18 Jun 2022	Weekend	
19 Jun 2022	Weekend	
20 Jun 2022	Midweek	calm/rippled
21 Jun 2022	Midweek	calm/rippled
22 Jun 2022	Midweek	
23 Jun 2022	Midweek	
24 Jun 2022	Midweek	
25 Jun 2022	Weekend	
26 Jun 2022	Weekend	
27 Jun 2022	Midweek	calm/rippled
28 Jun 2022	Midweek	
29 Jun 2022	Midweek	calm/rippled
30 Jun 2022	Midweek	
01 Jul 2022	Weekend	
02 Jul 2022	Weekend	choppy
03 Jul 2022	Weekend	