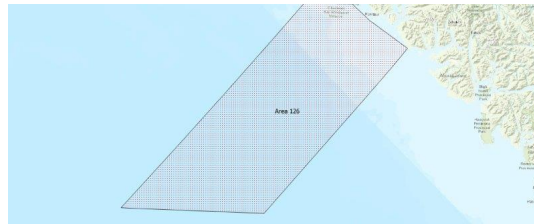


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 126 July 2021



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		Zeballos
		MD	PM	MD
28 Jun 2021	Midweek			
29 Jun 2021	Midweek			
30 Jun 2021	Midweek			
01 Jul 2021	Weekend			
02 Jul 2021	Midweek			
03 Jul 2021	Weekend			
04 Jul 2021	Weekend			
05 Jul 2021	Midweek	1		
06 Jul 2021	Midweek			
07 Jul 2021	Midweek			
08 Jul 2021	Midweek			
09 Jul 2021	Midweek			
10 Jul 2021	Weekend	2		1
11 Jul 2021	Weekend			
12 Jul 2021	Midweek			
13 Jul 2021	Midweek			
14 Jul 2021	Midweek			
15 Jul 2021	Midweek	3		
16 Jul 2021	Midweek	2		
17 Jul 2021	Weekend			
18 Jul 2021	Weekend			
19 Jul 2021	Midweek		1	
20 Jul 2021	Midweek	3		
21 Jul 2021	Midweek	1		
22 Jul 2021	Midweek		2	
23 Jul 2021	Midweek			
24 Jul 2021	Weekend			2
25 Jul 2021	Weekend	3		
26 Jul 2021	Midweek			
27 Jul 2021	Midweek			
28 Jul 2021	Midweek		4	
29 Jul 2021	Midweek			
30 Jul 2021	Midweek			
31 Jul 2021	Weekend			
01 Aug 2021	Weekend			
02 Aug 2021	Weekend			
03 Aug 2021	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
28-Jun-2021	Monday		5				11			
29-Jun-2021	Tuesday		3							
30-Jun-2021	Wednesday		4				11	1	0911	2
01-Jul-2021	Thursday (Canada Day)		6				10			
02-Jul-2021	Friday		5				5			
03-Jul-2021	Saturday		2				1			
04-Jul-2021	Sunday		9	3			19	4	0953	8
05-Jul-2021	Monday	frequent whitecaps	5				13			
06-Jul-2021	Tuesday		9				19	2	1002	4
07-Jul-2021	Wednesday		6				34			
08-Jul-2021	Thursday		7				7			
09-Jul-2021	Friday		14				30			
10-Jul-2021	Saturday	calm/rippled	7				11			
11-Jul-2021	Sunday		8				12	3	1016	6
12-Jul-2021	Monday		8				9			
13-Jul-2021	Tuesday		16				24			
14-Jul-2021	Wednesday		6				8	3	1047	6
15-Jul-2021	Thursday	choppy	16	1			31			
16-Jul-2021	Friday	calm/rippled	12	4	2		12			
17-Jul-2021	Saturday		4				8	4	1031	8
18-Jul-2021	Sunday		12		2		20			
19-Jul-2021	Monday	calm/rippled	10				12	16	0835	32
20-Jul-2021	Tuesday	calm/rippled	7				10			
21-Jul-2021	Wednesday	calm/rippled	12		1		22			
22-Jul-2021	Thursday	calm/rippled	6				28			
23-Jul-2021	Friday		0							
24-Jul-2021	Saturday	calm/rippled	17	1			47			
25-Jul-2021	Sunday	choppy	13				20	3	1009	6
26-Jul-2021	Monday		6				3			
27-Jul-2021	Tuesday		9				30			
28-Jul-2021	Wednesday	calm/rippled	9				18	26	1003	49
29-Jul-2021	Thursday		4				4			
30-Jul-2021	Friday		14				32			
31-Jul-2021	Saturday		5							
01-Aug-2021	Sunday		6				9			
02-Aug-2021	Monday (B.C. Day)		10				27			
03-Aug-2021	Tuesday		7				7	21	1009	40
	Totals	calm/rippled	181	5	3		351	12*		23*
	Totals	calm/rippled	83	4	2		148	4*		7*

* 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	23	21	483	0.028	0.017		1.939	14	8		937
Weekend	7	10	70	0.048	0.024		1.783	3	2		125

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	July	746	2012	36		919
2017	July	1277	3950	256		1841
2018	July	700	1691	142		762
2019	July	2281	780	13		1572
2020	July	511	146	2		561
2021	July	627	9	2		470
5-Yr Avg	July	1103	1716	90		1131

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	1	50%	100%	27	50%	4%	1
Chinook	0	0%		15	3%	20%	3

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	1079	66%

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

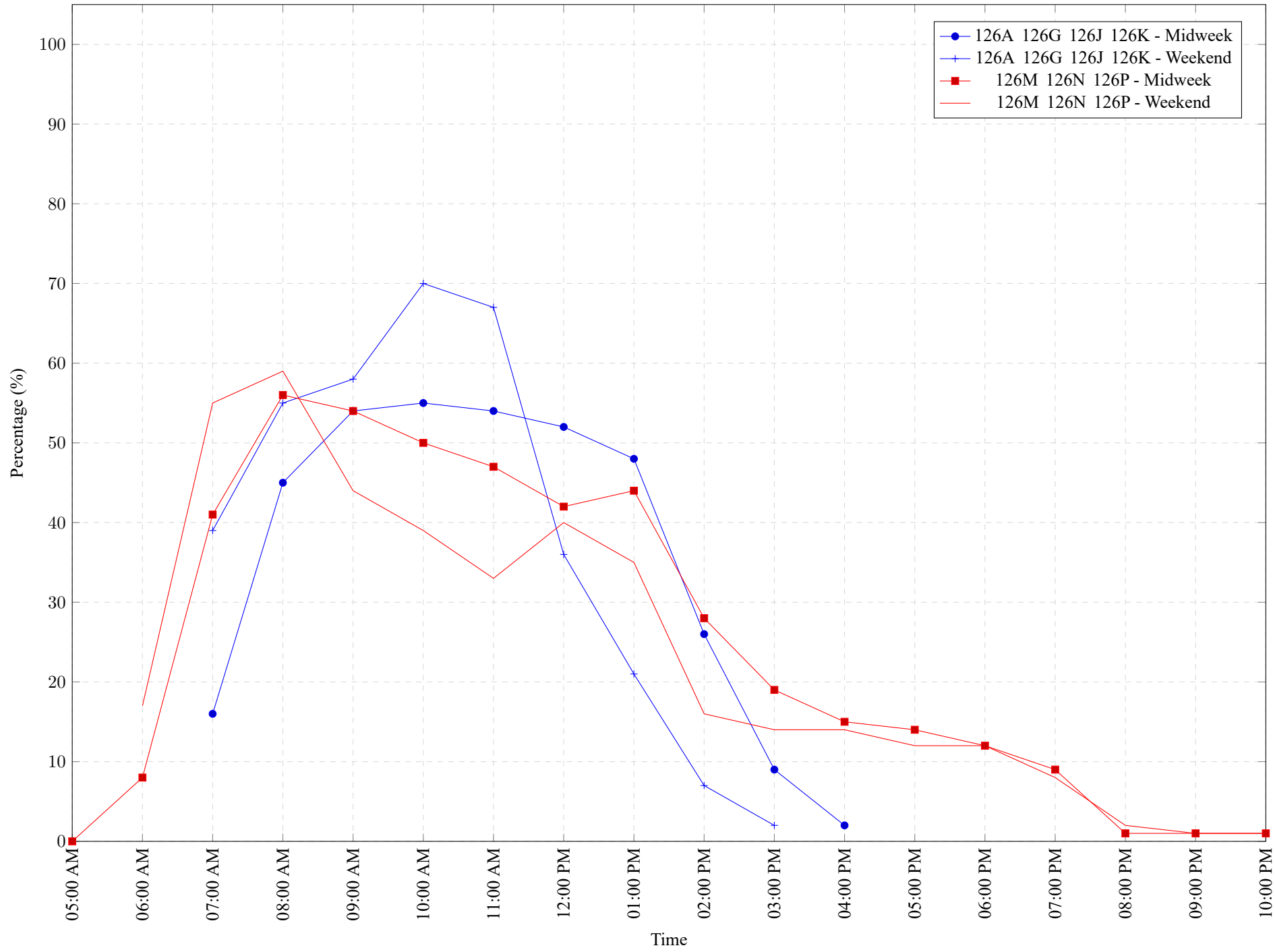


Table 7: Proportion of each day's fishing by hour.

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	126K	Midweek	0%	16%	45%	54%	55%	54%	52%	48%	26%	9%	2%	0%	0%	0%	0%	0%	0%
126A	126G	126J	126K	Weekend	0%	39%	55%	58%	70%	67%	36%	21%	7%	2%	0%	0%	0%	0%	0%	0%	0%
126M	126N	126P		Midweek	8%	41%	56%	54%	50%	47%	42%	44%	28%	19%	15%	14%	12%	9%	1%	1%	1%
126M	126N	126P		Weekend	17%	55%	59%	44%	39%	33%	40%	35%	16%	14%	14%	12%	12%	8%	2%	1%	1%

Table 8: Daily Fishing Conditions.

Date	Day Type	Westview Marina	Zeballos
28 Jun 2021	Midweek		
29 Jun 2021	Midweek		
30 Jun 2021	Midweek		
01 Jul 2021	Weekend		
02 Jul 2021	Midweek		
03 Jul 2021	Weekend		
04 Jul 2021	Weekend		
05 Jul 2021	Midweek	frequent whitecaps	
06 Jul 2021	Midweek		
07 Jul 2021	Midweek		
08 Jul 2021	Midweek		
09 Jul 2021	Midweek		
10 Jul 2021	Weekend	choppy	calm/rippled
11 Jul 2021	Weekend		
12 Jul 2021	Midweek		
13 Jul 2021	Midweek		
14 Jul 2021	Midweek		
15 Jul 2021	Midweek	choppy	
16 Jul 2021	Midweek	calm/rippled	
17 Jul 2021	Weekend		
18 Jul 2021	Weekend		
19 Jul 2021	Midweek	calm/rippled	
20 Jul 2021	Midweek	calm/rippled	
21 Jul 2021	Midweek	calm/rippled	
22 Jul 2021	Midweek	calm/rippled	
23 Jul 2021	Midweek		
24 Jul 2021	Weekend		calm/rippled
25 Jul 2021	Weekend	choppy	
26 Jul 2021	Midweek		
27 Jul 2021	Midweek		
28 Jul 2021	Midweek	calm/rippled	
29 Jul 2021	Midweek		
30 Jul 2021	Midweek		
31 Jul 2021	Weekend		
01 Aug 2021	Weekend		
02 Aug 2021	Weekend		
03 Aug 2021	Midweek		