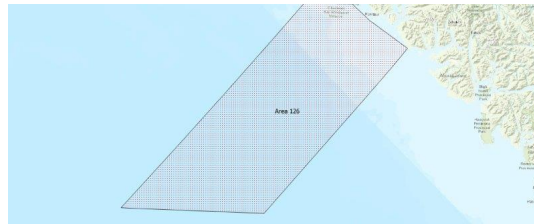


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 126 July 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		Winter Harbour Ramp	Zeballos
		MD	PM	PM	MD
28 Jun 2022	Midweek				
29 Jun 2022	Midweek	1			
30 Jun 2022	Midweek				
01 Jul 2022	Weekend				
02 Jul 2022	Weekend				
03 Jul 2022	Weekend		1		
04 Jul 2022	Midweek	1			
05 Jul 2022	Midweek	2			
06 Jul 2022	Midweek				
07 Jul 2022	Midweek				
08 Jul 2022	Midweek	1		1	1
09 Jul 2022	Weekend	3			2
10 Jul 2022	Weekend	1			
11 Jul 2022	Midweek		3		
12 Jul 2022	Midweek				
13 Jul 2022	Midweek				
14 Jul 2022	Midweek				
15 Jul 2022	Midweek				
16 Jul 2022	Weekend	2			
17 Jul 2022	Weekend				
18 Jul 2022	Midweek				
19 Jul 2022	Midweek	2			
20 Jul 2022	Midweek	3			
21 Jul 2022	Midweek	3			
22 Jul 2022	Midweek				
23 Jul 2022	Weekend				1
24 Jul 2022	Weekend				
25 Jul 2022	Midweek				
26 Jul 2022	Midweek				
27 Jul 2022	Midweek				
28 Jul 2022	Midweek				
29 Jul 2022	Midweek				
30 Jul 2022	Weekend		1		
31 Jul 2022	Weekend				
01 Aug 2022	Weekend				
02 Aug 2022	Midweek	3			
03 Aug 2022	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-2022	Tuesday		0							
29-Jun-2022	Wednesday	calm/rippled	7				9			
30-Jun-2022	Thursday		6	1			8			
01-Jul-2022	Friday (Canada Day)		3				5	6	0827	17
02-Jul-2022	Saturday		12				18			
03-Jul-2022	Sunday	calm/rippled	12				9			
04-Jul-2022	Monday	calm/rippled	2				4			
05-Jul-2022	Tuesday	calm/rippled	21				32			
06-Jul-2022	Wednesday		7				8	11	1029	30
07-Jul-2022	Thursday		0					7	0904	21
08-Jul-2022	Friday	calm/rippled	15	2			23			
09-Jul-2022	Saturday	calm/rippled	10				11	33	1040	60
10-Jul-2022	Sunday	choppy	1				4			
11-Jul-2022	Monday	choppy	5				15			
12-Jul-2022	Tuesday		8				4			
13-Jul-2022	Wednesday		7				7	17	1020	45
14-Jul-2022	Thursday		5				3			
15-Jul-2022	Friday		5							
16-Jul-2022	Saturday	calm/rippled	11				18	12	0825	35
17-Jul-2022	Sunday		9				16	8	1037	13
18-Jul-2022	Monday		9				3			
19-Jul-2022	Tuesday	calm/rippled	5	6	6		3			
20-Jul-2022	Wednesday	choppy	12				17			
21-Jul-2022	Thursday	calm/rippled	12				17	9	1009	24
22-Jul-2022	Friday		1				1			
23-Jul-2022	Saturday	calm/rippled	7				19	14	0956	24
24-Jul-2022	Sunday		3				6			
25-Jul-2022	Monday		1				2			
26-Jul-2022	Tuesday		15	9	2		19			
27-Jul-2022	Wednesday		13	11	4		11	4	1044	11
28-Jul-2022	Thursday		16	5	3		8			
29-Jul-2022	Friday		13				30	14	0920	41
30-Jul-2022	Saturday	calm/rippled	8	1			11	27	0950	47
31-Jul-2022	Sunday		6				6			
01-Aug-2022	Monday (B.C. Day)		7				2			
02-Aug-2022	Tuesday	calm/rippled	9	13	7		16	14	1036	37
03-Aug-2022	Wednesday		5				2			
	Totals	calm/rippled	172	33	15		207	10*		29*
	Totals	calm/rippled	82	1			123	17*		33*

* 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	29	20	580	0.192	0.087		1.203	111	50		698
Weekend	33	11	363	0.012			1.5	4			545

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
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
2022	July	1007	74	30		1434
5-Yr Avg	July	1079	1315	83		1041

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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	921	69%

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

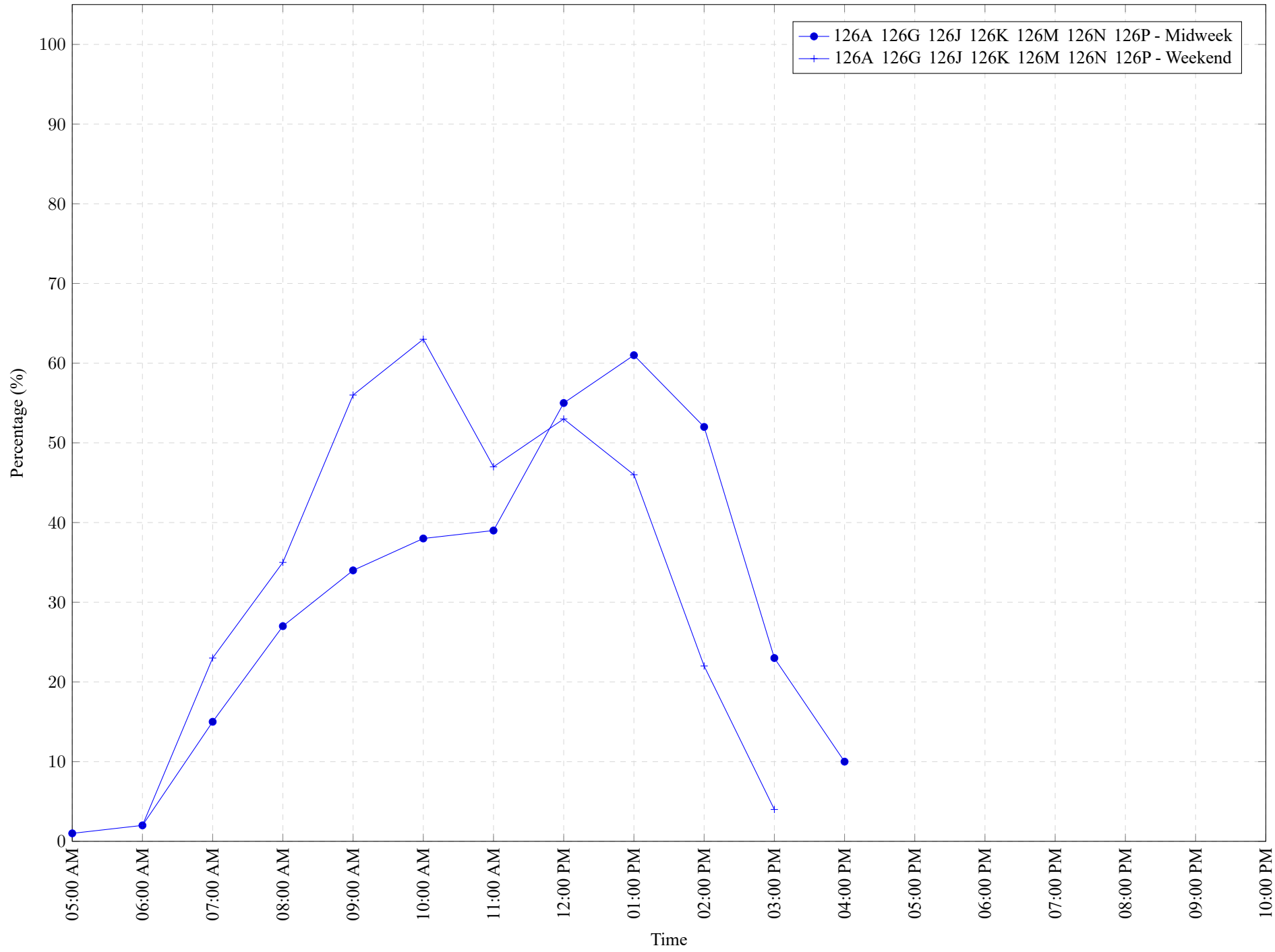


Table 7: Proportion of each day’s fishing by hour.

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	126M	126N	126P	Midweek	2%	15%	27%	34%	38%	39%	55%	61%	52%	23%	10%	0%	0%	0%	0%	0%	0%
126A	126G	126J	126K	126M	126N	126P	Weekend	2%	23%	35%	56%	63%	47%	53%	46%	22%	4%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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