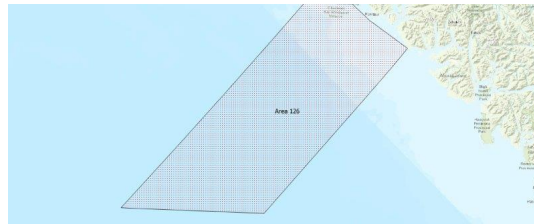


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 126 July 2023



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 20th January, 2024



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
		AM	MD	PM	MD
28 Jun 2023	Midweek				
29 Jun 2023	Midweek		1		
30 Jun 2023	Midweek				
01 Jul 2023	Weekend		2		
02 Jul 2023	Weekend				
03 Jul 2023	Weekend				
04 Jul 2023	Midweek				
05 Jul 2023	Midweek				
06 Jul 2023	Midweek				
07 Jul 2023	Midweek		3		1
08 Jul 2023	Weekend				
09 Jul 2023	Weekend			5	
10 Jul 2023	Midweek				1
11 Jul 2023	Midweek		4		
12 Jul 2023	Midweek			5	
13 Jul 2023	Midweek		2		
14 Jul 2023	Midweek				
15 Jul 2023	Weekend		1		
16 Jul 2023	Weekend				
17 Jul 2023	Midweek				
18 Jul 2023	Midweek		6		1
19 Jul 2023	Midweek			2	
20 Jul 2023	Midweek		3		
21 Jul 2023	Midweek				1
22 Jul 2023	Weekend				
23 Jul 2023	Weekend				
24 Jul 2023	Midweek				
25 Jul 2023	Midweek				
26 Jul 2023	Midweek		1		1
27 Jul 2023	Midweek				
28 Jul 2023	Midweek		4		
29 Jul 2023	Weekend		9		1
30 Jul 2023	Weekend				
31 Jul 2023	Midweek				
01 Aug 2023	Midweek		9		
02 Aug 2023	Midweek		11		
03 Aug 2023	Midweek	1			

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-2023	Wednesday		8				6			
29-Jun-2023	Thursday	calm/rippled	9				13			
30-Jun-2023	Friday		1				2	3	0822	5
01-Jul-2023	Saturday	choppy	8				14			
02-Jul-2023	Sunday		7				5			
03-Jul-2023	Monday (Canada Day)		4				6			
04-Jul-2023	Tuesday		3				3			
05-Jul-2023	Wednesday		1					6	0957	10
06-Jul-2023	Thursday		4				3			
07-Jul-2023	Friday	choppy	12	4			22			
08-Jul-2023	Saturday		5				8			
09-Jul-2023	Sunday	choppy	9				24	21	1057	29
10-Jul-2023	Monday	calm/rippled	18	13			23			
11-Jul-2023	Tuesday	calm/rippled	20				35			
12-Jul-2023	Wednesday	frequent whitecaps	14				46	5	1005	9
13-Jul-2023	Thursday	choppy	21				34			
14-Jul-2023	Friday		3				2			
15-Jul-2023	Saturday	choppy	4				10	41	0957	62
16-Jul-2023	Sunday		2				6			
17-Jul-2023	Monday		1					33	1002	53
18-Jul-2023	Tuesday	choppy	13	45			19			
19-Jul-2023	Wednesday	choppy	5	15			5			
20-Jul-2023	Thursday	choppy	15	24	3		4			
21-Jul-2023	Friday	calm/rippled	6	3	1		3	0	0831	0
22-Jul-2023	Saturday		16				31			
23-Jul-2023	Sunday		12	6	3		17	54	0949	81
24-Jul-2023	Monday		0							
25-Jul-2023	Tuesday		23	34	1		29			
26-Jul-2023	Wednesday	calm/rippled	20	38	2		14	45	0956	70
27-Jul-2023	Thursday		16	42	1		5			
28-Jul-2023	Friday	calm/rippled	12	19	3		5			
29-Jul-2023	Saturday	calm/rippled	13	32	7		24	55	1000	81
30-Jul-2023	Sunday		0							
31-Jul-2023	Monday		5	6			5			
01-Aug-2023	Tuesday	calm/rippled	16	33	14		19			
02-Aug-2023	Wednesday	calm/rippled	16	52	1		20			
03-Aug-2023	Thursday	calm/rippled	30	49	6		29	58	1122	97
	Totals	choppy	212	243	11		257	18*		28*
	Totals	choppy	80	38	10		145	43*		63*

* 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	63	11	693	0.475	0.125		1.813	329	87		1256
Midweek	28	20	560	1.146	0.052		1.212	642	29		679

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
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
2023	July	1222	897	114		1991
5-Yr Avg	July	1025	540	38		960

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	54	47%	22%	138	40%	9%	12
Chinook	117	13%	25%	174	16%	17%	29

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	1719	71%

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

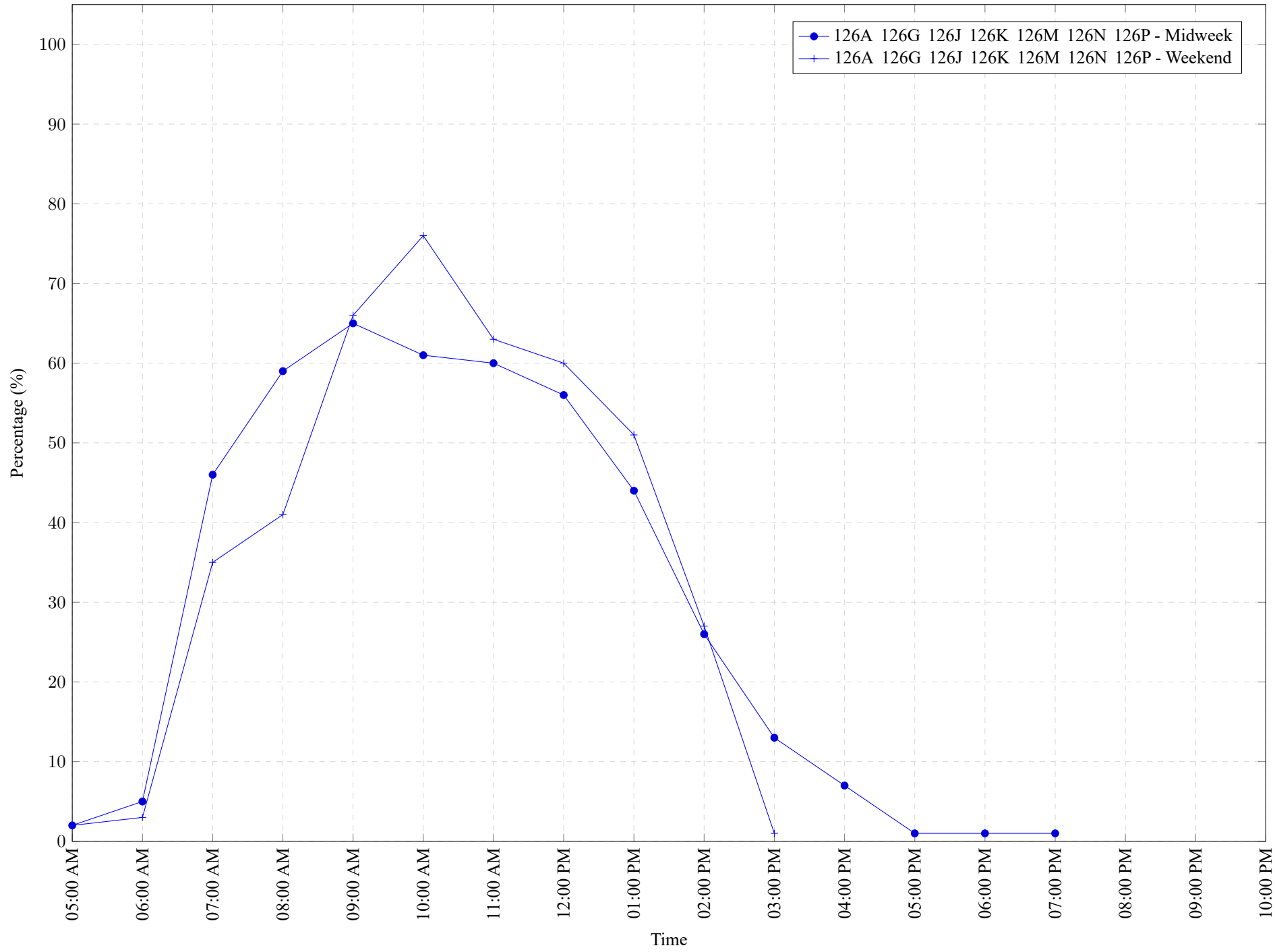


Table 7: Proportion of each day’s fishing by hour.

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	5%	46%	59%	65%	61%	60%	56%	44%	26%	13%	7%	1%	1%	1%	0%	0%	0%
126A	126G	126J	126K	126M	126N	126P		Weekend	3%	35%	41%	66%	76%	63%	60%	51%	27%	1%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Westview Marina	Zeballos
28 Jun 2023	Midweek	calm/rippled	
29 Jun 2023	Midweek		
30 Jun 2023	Midweek		
01 Jul 2023	Weekend	choppy	
02 Jul 2023	Weekend		
03 Jul 2023	Weekend		
04 Jul 2023	Midweek		
05 Jul 2023	Midweek		
06 Jul 2023	Midweek		
07 Jul 2023	Midweek	choppy	calm/rippled
08 Jul 2023	Weekend		
09 Jul 2023	Weekend	choppy	
10 Jul 2023	Midweek		calm/rippled
11 Jul 2023	Midweek	calm/rippled	
12 Jul 2023	Midweek	frequent whitecaps	
13 Jul 2023	Midweek	choppy	
14 Jul 2023	Midweek		
15 Jul 2023	Weekend	choppy	
16 Jul 2023	Weekend		
17 Jul 2023	Midweek		
18 Jul 2023	Midweek	choppy	calm/rippled
19 Jul 2023	Midweek	choppy	
20 Jul 2023	Midweek	choppy	
21 Jul 2023	Midweek		calm/rippled
22 Jul 2023	Weekend		
23 Jul 2023	Weekend		
24 Jul 2023	Midweek		
25 Jul 2023	Midweek		
26 Jul 2023	Midweek	calm/rippled	calm/rippled
27 Jul 2023	Midweek		
28 Jul 2023	Midweek	calm/rippled	
29 Jul 2023	Weekend	calm/rippled	calm/rippled
30 Jul 2023	Weekend		
31 Jul 2023	Midweek		
01 Aug 2023	Midweek	calm/rippled	
02 Aug 2023	Midweek	calm/rippled	
03 Aug 2023	Midweek	calm/rippled	