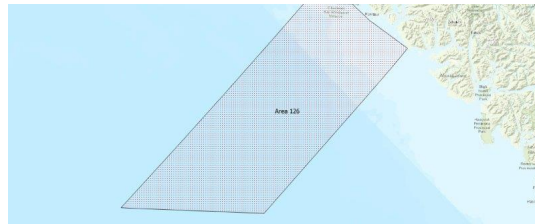


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 126 August 2022



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



Fisheries and Oceans
Canada

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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
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			
04 Aug 2022	Midweek			
05 Aug 2022	Midweek			
06 Aug 2022	Weekend			
07 Aug 2022	Weekend			
08 Aug 2022	Midweek		1	
09 Aug 2022	Midweek	4		
10 Aug 2022	Midweek			
11 Aug 2022	Midweek			
12 Aug 2022	Midweek			
13 Aug 2022	Weekend		4	
14 Aug 2022	Weekend			
15 Aug 2022	Midweek			
16 Aug 2022	Midweek			
17 Aug 2022	Midweek		2	
18 Aug 2022	Midweek		2	
19 Aug 2022	Midweek		2	
20 Aug 2022	Weekend		1	
21 Aug 2022	Weekend			
22 Aug 2022	Midweek			
23 Aug 2022	Midweek			1
24 Aug 2022	Midweek			
25 Aug 2022	Midweek			
26 Aug 2022	Midweek			
27 Aug 2022	Weekend	2		
28 Aug 2022	Weekend			
29 Aug 2022	Midweek			
30 Aug 2022	Midweek			
31 Aug 2022	Midweek			
01 Sep 2022	Midweek			
02 Sep 2022	Midweek			
03 Sep 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-Jul-2022	Friday		13				30	14	0920	46
30-Jul-2022	Saturday	calm/rippled	8	1			11	27	0950	36
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	26
03-Aug-2022	Wednesday		5				2			
04-Aug-2022	Thursday		7	1			10			
05-Aug-2022	Friday		7				11	26	0836	92
06-Aug-2022	Saturday		0					25	1133	36
07-Aug-2022	Sunday		6				14			
08-Aug-2022	Monday	calm/rippled	6	2			7			
09-Aug-2022	Tuesday	calm/rippled	15	4	2		20			
10-Aug-2022	Wednesday		11	2			23			
11-Aug-2022	Thursday		10				3	13	1157	20
12-Aug-2022	Friday		10				7			
13-Aug-2022	Saturday	calm/rippled	15	4	8		23			
14-Aug-2022	Sunday		10				8	18	0911	24
15-Aug-2022	Monday		5				5			
16-Aug-2022	Tuesday		10				16			
17-Aug-2022	Wednesday	calm/rippled	4				2	9	1137	12
18-Aug-2022	Thursday	calm/rippled	2				4			
19-Aug-2022	Friday	calm/rippled	5				3	33	0912	110
20-Aug-2022	Saturday	calm/rippled	5	3			8			
21-Aug-2022	Sunday		0					27	1152	41
22-Aug-2022	Monday		1				4			
23-Aug-2022	Tuesday	calm/rippled	21				39			
24-Aug-2022	Wednesday		16		2		13	12	1004	28
25-Aug-2022	Thursday		18				19			
26-Aug-2022	Friday		2				2			
27-Aug-2022	Saturday	calm/rippled	12				13	0	0926	0
28-Aug-2022	Sunday		17				27	10	1015	15
29-Aug-2022	Monday		0							
30-Aug-2022	Tuesday		3	1						
31-Aug-2022	Wednesday		0							
01-Sep-2022	Thursday		0							
02-Sep-2022	Friday		0							
03-Sep-2022	Saturday		0							
	Totals	calm/rippled	167	23	11		206	18*		48*
	Totals	calm/rippled	72	7	8		95	16*		23*

* 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	23	9	207	0.097	0.111		1.319	20	23		273
Midweek	48	22	1056	0.138	0.066		1.234	146	70		1303

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	August	946	1575	405	2	808
2018	August	1073	1386	632	1	1587
2019	August	1110	1681	11		674
2020	August	1183	274			408
2021	August	396	16	10		386
2022	August	1273	59	61		906
5-Yr Avg	August	942	986	265	2	773

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	57	93%	2%	92	19%	1%	1
Chinook	11	19%	64%	76	13%	9%	7

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	1602	78%

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

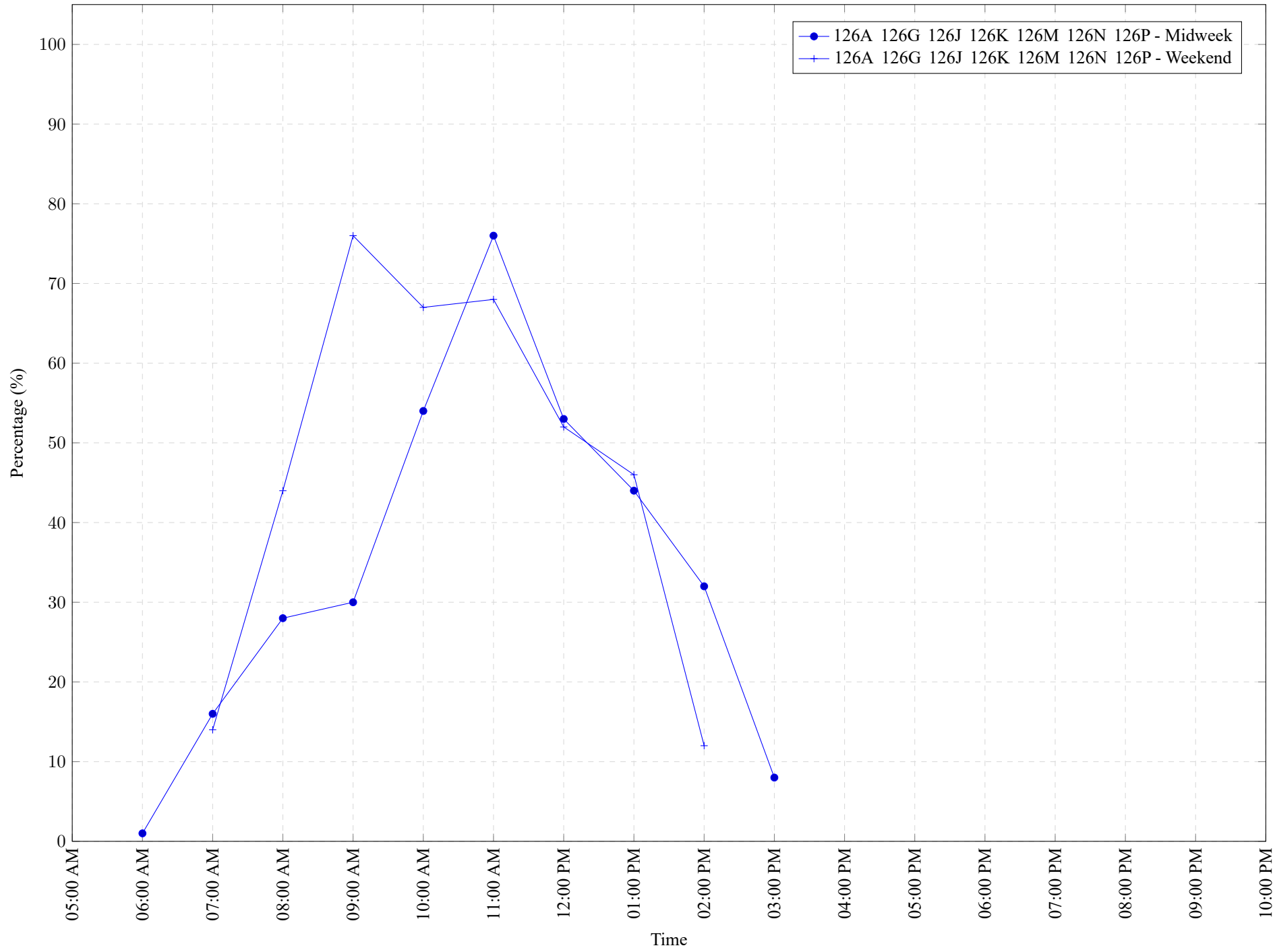


Table 7: Proportion of each day’s fishing by hour.

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	1%	16%	28%	30%	54%	76%	53%	44%	32%	8%	0%	0%	0%	0%	0%	0%	0%	0%
126A	126G	126J	126K	126M	126N	126P	Weekend	0%	14%	44%	76%	67%	68%	52%	46%	12%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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