

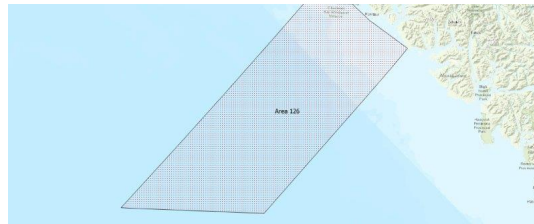
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 126 August 2021



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Thursday 19<sup>th</sup> January, 2023



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**Table 1: Numbers of Interviews conducted contributing to the area by day and access site.**

Date	Day Type	Westview Marina	
		MD	PM
29 Jul 2021	Midweek		
30 Jul 2021	Midweek		
31 Jul 2021	Weekend		
01 Aug 2021	Weekend		
02 Aug 2021	Weekend		
03 Aug 2021	Midweek		
04 Aug 2021	Midweek	4	
05 Aug 2021	Midweek		
06 Aug 2021	Midweek		
07 Aug 2021	Weekend		2
08 Aug 2021	Weekend		1
09 Aug 2021	Midweek		3
10 Aug 2021	Midweek		
11 Aug 2021	Midweek		
12 Aug 2021	Midweek		
13 Aug 2021	Midweek	3	
14 Aug 2021	Weekend		3
15 Aug 2021	Weekend		
16 Aug 2021	Midweek		
17 Aug 2021	Midweek		
18 Aug 2021	Midweek		
19 Aug 2021	Midweek		
20 Aug 2021	Midweek		1
21 Aug 2021	Weekend	2	
22 Aug 2021	Weekend		
23 Aug 2021	Midweek		
24 Aug 2021	Midweek	2	
25 Aug 2021	Midweek		6
26 Aug 2021	Midweek		
27 Aug 2021	Midweek		
28 Aug 2021	Weekend	2	
29 Aug 2021	Weekend		
30 Aug 2021	Midweek	2	
31 Aug 2021	Midweek		2
01 Sep 2021	Midweek		
02 Sep 2021	Midweek		
03 Sep 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
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	41
04-Aug-2021	Wednesday	choppy	8				35			
05-Aug-2021	Thursday		8				13			
06-Aug-2021	Friday		6				12			
07-Aug-2021	Saturday	choppy	6				13			
08-Aug-2021	Sunday	calm/rippled	4				6	3	1018	7
09-Aug-2021	Monday	calm/rippled	8				13			
10-Aug-2021	Tuesday		3				4	4	1005	8
11-Aug-2021	Wednesday		3				5			
12-Aug-2021	Thursday		9				9			
13-Aug-2021	Friday	calm/rippled	3		2		10			
14-Aug-2021	Saturday	calm/rippled	13	3			27			
15-Aug-2021	Sunday		10				13			
16-Aug-2021	Monday		5				3			
17-Aug-2021	Tuesday		11				22	11	0958	22
18-Aug-2021	Wednesday		7				8			
19-Aug-2021	Thursday		2				1			
20-Aug-2021	Friday	calm/rippled	9				15			
21-Aug-2021	Saturday	choppy	6				7	5	0954	10
22-Aug-2021	Sunday		3				2			
23-Aug-2021	Monday		7	4			9			
24-Aug-2021	Tuesday	calm/rippled	9				11			
25-Aug-2021	Wednesday	calm/rippled	7	1	3		17			
26-Aug-2021	Thursday		2				3			
27-Aug-2021	Friday		3				9			
28-Aug-2021	Saturday	calm/rippled	6	2			2			
29-Aug-2021	Sunday		10				14	2	1020	4
30-Aug-2021	Monday	calm/rippled	8				6			
31-Aug-2021	Tuesday	calm/rippled	2	2	3		3			
01-Sep-2021	Wednesday		3	4	3		3			
02-Sep-2021	Thursday		0							
03-Sep-2021	Friday		0							
	Totals	calm/rippled	127	7	8		215	12*		24*
	Totals	calm/rippled	74	5			120	3*		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	24	21	504	0.055	0.063		1.693	28	32		853
Weekend	7	10	70	0.068			1.622	5			114

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	August	735	1197	12		768
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
5-Yr Avg	August	1009	1223	265	2	849

**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	4	40%	450%	68	44%	26%	18
Chinook	2	13%	100%	70	19%	3%	2

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	738	81%

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

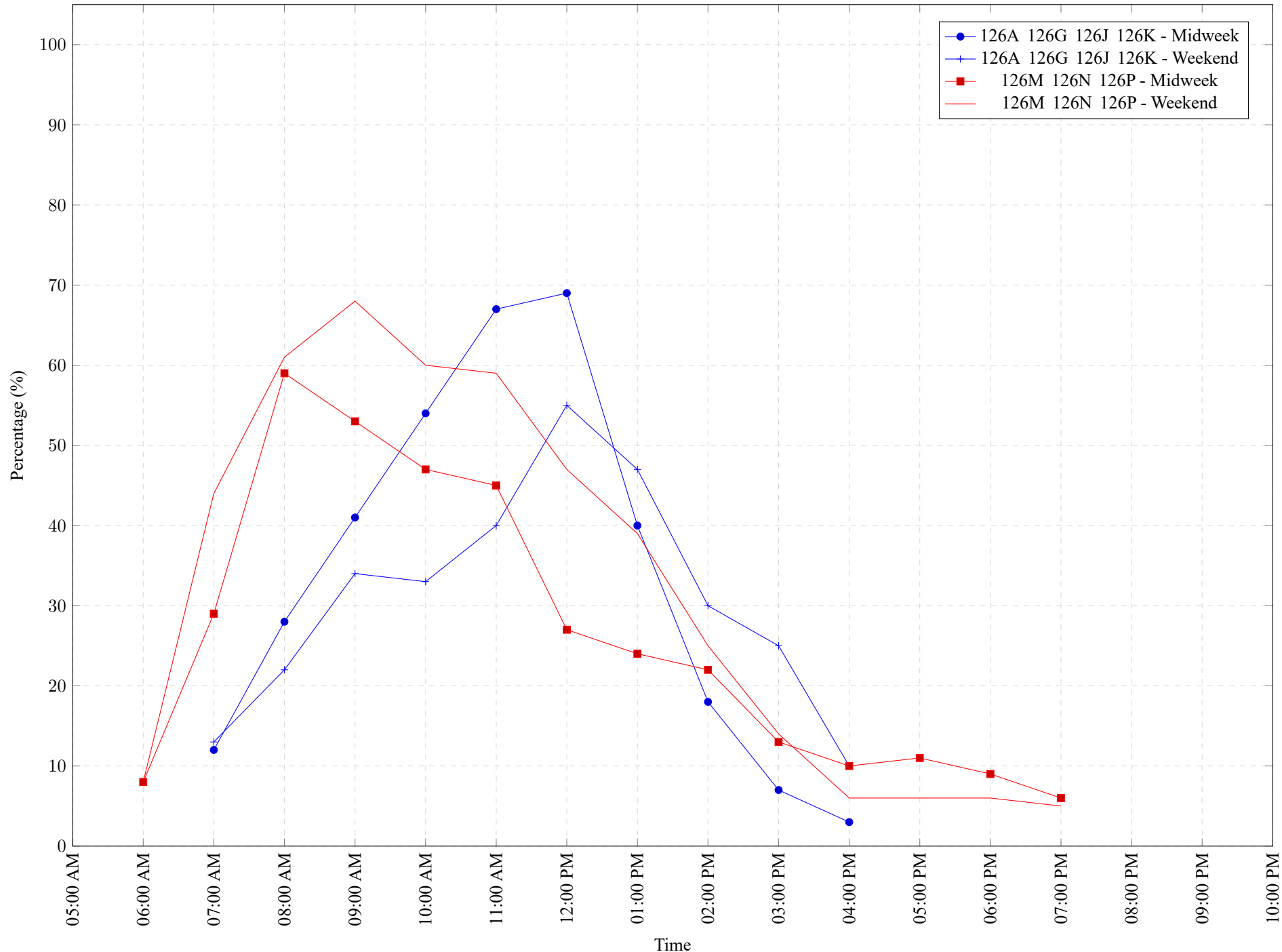


Table 7: Proportion of each day's fishing by hour.

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%	12%	28%	41%	54%	67%	69%	40%	18%	7%	3%	0%	0%	0%	0%	0%	0%
126A	126G	126J	126K	Weekend	0%	13%	22%	34%	33%	40%	55%	47%	30%	25%	10%	0%	0%	0%	0%	0%	0%
126M	126N	126P		Midweek	8%	29%	59%	53%	47%	45%	27%	24%	22%	13%	10%	11%	9%	6%	0%	0%	0%
126M	126N	126P		Weekend	8%	44%	61%	68%	60%	59%	47%	39%	25%	14%	6%	6%	6%	5%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

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