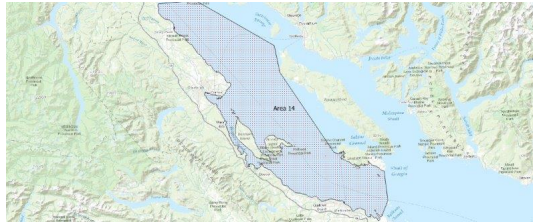


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 14 August 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 10th October, 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	Big Rock Boat Rental		Comox Mun		Cooper's Green		Discovery Marina South		French Ck		Kitty Coleman		Pacific Play		Schooner		Union Bay		Westview	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
29 Jul 2024	Midweek																1				
30 Jul 2024	Midweek														3						
31 Jul 2024	Midweek			9								31								1	
01 Aug 2024	Midweek							6													
02 Aug 2024	Midweek							2						9							
03 Aug 2024	Weekend									40		9						1			
04 Aug 2024	Weekend																	1			
05 Aug 2024	Weekend											7		8	8						3
06 Aug 2024	Midweek													8							
07 Aug 2024	Midweek			8						17											
08 Aug 2024	Midweek																		1		
09 Aug 2024	Midweek			9					5												
10 Aug 2024	Weekend					1						19						3			
11 Aug 2024	Weekend	1												6					4		
12 Aug 2024	Midweek																				
13 Aug 2024	Midweek								2						15						
14 Aug 2024	Midweek				22											1		2			
15 Aug 2024	Midweek			9																	
16 Aug 2024	Midweek	1						2													
17 Aug 2024	Weekend							1				15									
18 Aug 2024	Weekend			1																	
19 Aug 2024	Midweek													2							
20 Aug 2024	Midweek				8																
21 Aug 2024	Midweek																				
22 Aug 2024	Midweek																		3		
23 Aug 2024	Midweek						1				32		10								
24 Aug 2024	Weekend				17												7		7		2
25 Aug 2024	Weekend								1		10					1					
26 Aug 2024	Midweek																				
27 Aug 2024	Midweek																				
28 Aug 2024	Midweek									20						1			7		
29 Aug 2024	Midweek														11		1				
30 Aug 2024	Midweek												11								
31 Aug 2024	Weekend														21						
01 Sep 2024	Weekend																				
02 Sep 2024	Weekend		3																		
03 Sep 2024	Midweek									7							9				

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-2024	Monday	choppy	1							
30-Jul-2024	Tuesday	frequent whitecaps	3	8	2					
31-Jul-2024	Wednesday	calm/rippled	41	60	8					
01-Aug-2024	Thursday	calm/rippled	6	16						
02-Aug-2024	Friday	calm/rippled	11	17	1			109	0938	327
03-Aug-2024	Saturday	choppy	50	26	32			124	0945	378
04-Aug-2024	Sunday	calm/rippled	1							
05-Aug-2024	Monday (B.C. Day)	calm/rippled	18	16	2					
06-Aug-2024	Tuesday	calm/rippled	8	8	2					
07-Aug-2024	Wednesday	choppy	25	27	17			74	0943	222
08-Aug-2024	Thursday	calm/rippled	1		2					
09-Aug-2024	Friday	calm/rippled	14	33	1		1			
10-Aug-2024	Saturday	calm/rippled	23	17	4					
11-Aug-2024	Sunday	choppy	11	2				52	0946	156
12-Aug-2024	Monday		0					63	0947	189
13-Aug-2024	Tuesday	calm/rippled	17	25	2					
14-Aug-2024	Wednesday	calm/rippled	25	28	7					
15-Aug-2024	Thursday	calm/rippled	9	18						
16-Aug-2024	Friday	calm/rippled	3	5	2					
17-Aug-2024	Saturday	calm/rippled	16	16						
18-Aug-2024	Sunday	choppy	1	3				14	0944	40
19-Aug-2024	Monday	calm/rippled	2	2	4					
20-Aug-2024	Tuesday	calm/rippled	8	8	2					
21-Aug-2024	Wednesday		0							
22-Aug-2024	Thursday	calm/rippled	3	5						
23-Aug-2024	Friday	calm/rippled	43	44	14			153	0940	458
24-Aug-2024	Saturday	choppy	33	37	3			85	0940	255
25-Aug-2024	Sunday	frequent whitecaps	12	8	5			86	0938	256
26-Aug-2024	Monday		0							
27-Aug-2024	Tuesday		0							
28-Aug-2024	Wednesday	choppy	28	17	17			44	0941	132
29-Aug-2024	Thursday	choppy	12	8	3					
30-Aug-2024	Friday	choppy	11	7			1			
31-Aug-2024	Saturday	calm/rippled	21	20	5					
01-Sep-2024	Sunday		0							
02-Sep-2024	Monday (Labour Day)	choppy	3	9	3			92	1042	253
03-Sep-2024	Tuesday	choppy	16	5	8					
	Totals	calm/rippled	226	268	74		2	89*		266*
	Totals	choppy	186	145	51			72*		217*

* 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	217	10	2170	0.78	0.274			1693	595		
Midweek	266	21	5586	1.186	0.327		0.009	6625	1827		50

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	7607	3651	569		0
2020	August	8431	5075	965		3
2021	August	7068	5710	255		9
2022	August	8351	8799	291	7	0
2023	August	6042	5533	2247	0	12
2024	August	7227	8424	2264		29
5-Yr Avg	August	7500	5754	865	4	5

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

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	412	7%

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

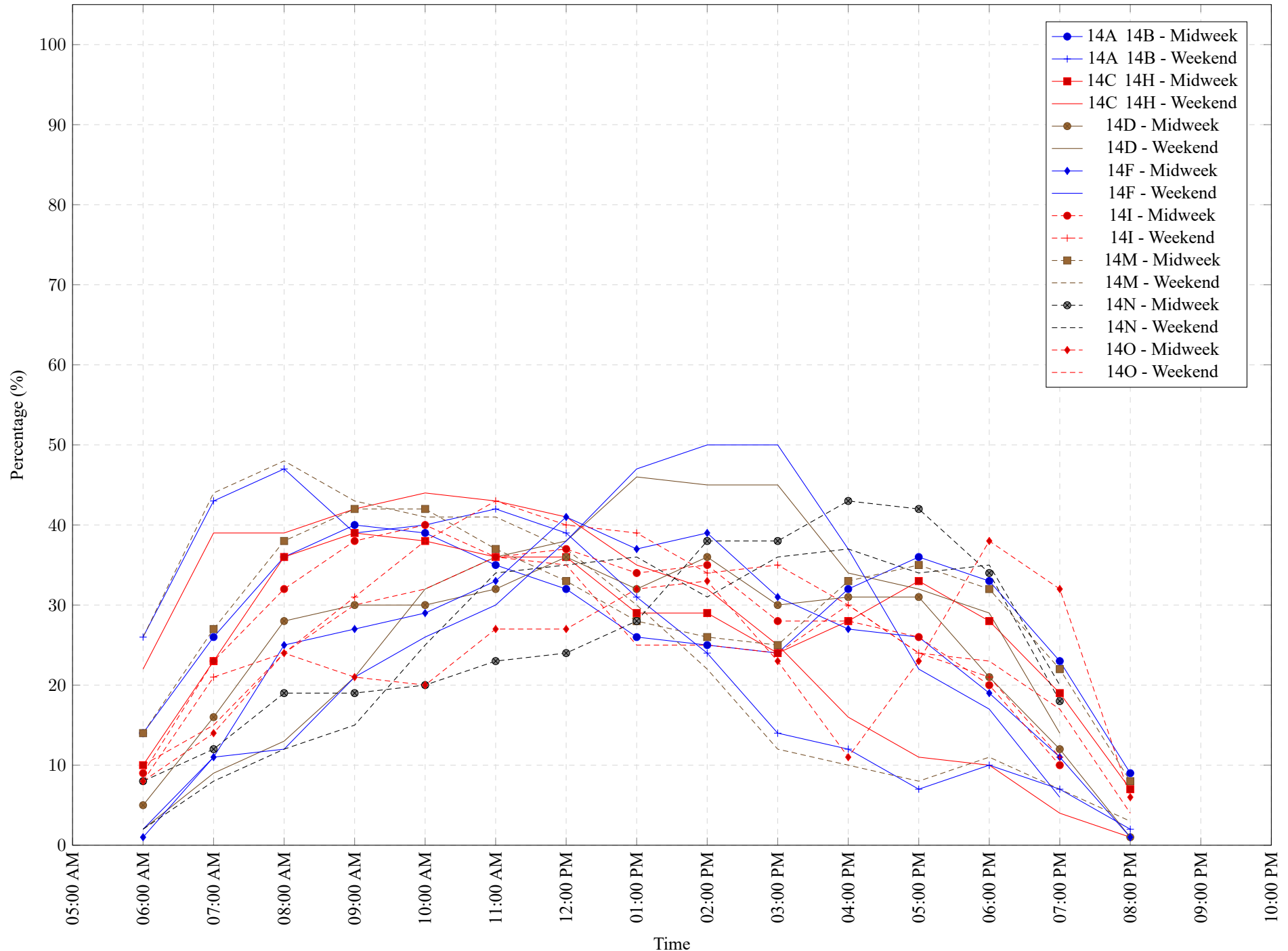


Table 7: Proportion of each day's fishing by hour.

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
14A	14B	Midweek	14%	26%	36%	40%	39%	35%	32%	26%	25%	24%	32%	36%	33%	23%	9%	0%	0%
14A	14B	Weekend	26%	43%	47%	39%	40%	42%	39%	31%	24%	14%	12%	7%	10%	7%	2%	0%	0%
14C	14H	Midweek	10%	23%	36%	39%	38%	36%	36%	29%	29%	24%	28%	33%	28%	19%	7%	0%	0%
14C	14H	Weekend	22%	39%	39%	42%	44%	43%	41%	35%	32%	25%	16%	11%	10%	4%	1%	0%	0%
14D		Midweek	5%	16%	28%	30%	30%	32%	36%	32%	36%	30%	31%	31%	21%	12%	1%	0%	0%
14D		Weekend	2%	9%	13%	21%	32%	36%	38%	46%	45%	45%	34%	32%	29%	14%	0%	0%	0%
14F		Midweek	1%	11%	25%	27%	29%	33%	41%	37%	39%	31%	27%	26%	19%	11%	1%	0%	0%
14F		Weekend	2%	11%	12%	21%	26%	30%	38%	47%	50%	50%	37%	22%	17%	6%	0%	0%	0%
14I		Midweek	9%	23%	32%	38%	40%	36%	37%	34%	35%	28%	28%	26%	20%	10%	0%	0%	0%
14I		Weekend	8%	21%	24%	31%	38%	43%	40%	39%	34%	35%	30%	24%	21%	11%	0%	0%	0%
14M		Midweek	14%	27%	38%	42%	42%	37%	33%	28%	26%	25%	33%	35%	32%	22%	8%	0%	0%
14M		Weekend	26%	44%	48%	43%	41%	41%	37%	30%	22%	12%	10%	8%	11%	7%	3%	0%	0%
14N		Midweek	8%	12%	19%	19%	20%	23%	24%	28%	38%	38%	43%	42%	34%	18%	0%	0%	0%
14N		Weekend	2%	8%	12%	15%	25%	34%	35%	36%	31%	36%	37%	34%	35%	20%	0%	0%	0%
14O		Midweek	8%	14%	24%	21%	20%	27%	27%	32%	33%	23%	11%	23%	38%	32%	6%	0%	0%
14O		Weekend	10%	15%	24%	30%	32%	36%	35%	25%	25%	24%	30%	24%	23%	17%	4%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Big Rock Boat Rental	Comox Mun	Cooper's Green	Discovery Marina South	French Ck	Kitty Coleman	Pacific Play	Schooner	Union Bay	Westview
29 Jul 2024	Midweek								choppy		
30 Jul 2024	Midweek							frequent whitecaps			
31 Jul 2024	Midweek		calm/rippled				calm/rippled				choppy
01 Aug 2024	Midweek				calm/rippled						
02 Aug 2024	Midweek				calm/rippled			calm/rippled			
03 Aug 2024	Weekend					choppy	choppy			calm/rippled	
04 Aug 2024	Weekend									calm/rippled	
05 Aug 2024	Weekend						choppy	calm/rippled			calm/rippled
06 Aug 2024	Midweek							calm/rippled			
07 Aug 2024	Midweek		calm/rippled			choppy					
08 Aug 2024	Midweek									calm/rippled	
09 Aug 2024	Midweek		calm/rippled		calm/rippled						
10 Aug 2024	Weekend			calm/rippled			calm/rippled			calm/rippled	
11 Aug 2024	Weekend	calm/rippled						choppy		choppy	
12 Aug 2024	Midweek										
13 Aug 2024	Midweek				choppy			calm/rippled			
14 Aug 2024	Midweek		calm/rippled						choppy	calm/rippled	
15 Aug 2024	Midweek		calm/rippled								
16 Aug 2024	Midweek	choppy			calm/rippled						
17 Aug 2024	Weekend				calm/rippled		calm/rippled				
18 Aug 2024	Weekend		choppy								
19 Aug 2024	Midweek							calm/rippled			
20 Aug 2024	Midweek		calm/rippled								
21 Aug 2024	Midweek										
22 Aug 2024	Midweek									calm/rippled	
23 Aug 2024	Midweek			choppy		calm/rippled	calm/rippled				
24 Aug 2024	Weekend		choppy						frequent whitecaps	calm/rippled	choppy
25 Aug 2024	Weekend				choppy	frequent whitecaps			choppy		
26 Aug 2024	Midweek										
27 Aug 2024	Midweek										
28 Aug 2024	Midweek					frequent whitecaps			choppy	calm/rippled	
29 Aug 2024	Midweek							choppy	choppy		
30 Aug 2024	Midweek						choppy				
31 Aug 2024	Weekend							calm/rippled			
01 Sep 2024	Weekend										
02 Sep 2024	Weekend	choppy									
03 Sep 2024	Midweek					choppy			calm/rippled		