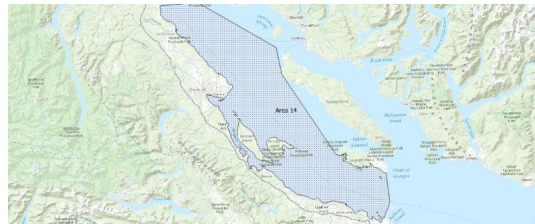


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 14 September 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 13th November, 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	Brechin	Bucaneer	Comox Mun	Discovery Marina South		French Ck		Kitty Coleman		Pacific Play		Schooner	Union Bay		Westview	
		PM	AM	PM	PM	AM	PM	AM	PM	AM	PM	AM	PM	PM	AM	PM	AM	PM
29 Aug 2024	Midweek												11	1				
30 Aug 2024	Midweek									11								
31 Aug 2024	Weekend											21						
01 Sep 2024	Weekend							25										
02 Sep 2024	Weekend	3																
03 Sep 2024	Midweek							7						9				
04 Sep 2024	Midweek					1							9				1	
05 Sep 2024	Midweek				19													
06 Sep 2024	Midweek	3								8								
07 Sep 2024	Weekend						5								8		3	
08 Sep 2024	Weekend		27	1	22													
09 Sep 2024	Midweek														4			
10 Sep 2024	Midweek						4											
11 Sep 2024	Midweek									16		8						
12 Sep 2024	Midweek					2		24										
13 Sep 2024	Midweek											1						
14 Sep 2024	Weekend														4			
15 Sep 2024	Weekend									1							1	
16 Sep 2024	Midweek																	
17 Sep 2024	Midweek																	
18 Sep 2024	Midweek																	
19 Sep 2024	Midweek							11		1		2						
20 Sep 2024	Midweek																	
21 Sep 2024	Weekend											5						
22 Sep 2024	Weekend							1										
23 Sep 2024	Midweek																	
24 Sep 2024	Midweek																	
25 Sep 2024	Midweek																	
26 Sep 2024	Midweek																	
27 Sep 2024	Midweek																	
28 Sep 2024	Weekend																	
29 Sep 2024	Weekend											9	1		1			
30 Sep 2024	Midweek				15												2	
01 Oct 2024	Midweek																	
02 Oct 2024	Midweek														1			
03 Oct 2024	Midweek							19		4								

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-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	choppy	25	36	30					
02-Sep-2024	Monday (Labour Day)	choppy	3	9	3			92	1042	210
03-Sep-2024	Tuesday	choppy	16	6	8					
04-Sep-2024	Wednesday	calm/rippled	11	14	4			64	1039	230
05-Sep-2024	Thursday	calm/rippled	19	28	21					
06-Sep-2024	Friday	calm/rippled	11	25	7					
07-Sep-2024	Saturday	calm/rippled	16	27	11			91	1039	206
08-Sep-2024	Sunday	choppy	50	36	58					
09-Sep-2024	Monday	choppy	4		2					
10-Sep-2024	Tuesday	choppy	4	20	3					
11-Sep-2024	Wednesday	calm/rippled	24	34	13		1			
12-Sep-2024	Thursday	choppy	26	21	49					
13-Sep-2024	Friday	calm/rippled	1					57	1036	204
14-Sep-2024	Saturday	calm/rippled	4		2			38	1035	86
15-Sep-2024	Sunday	choppy	2		1					
16-Sep-2024	Monday		0					16	1039	58
17-Sep-2024	Tuesday		0							
18-Sep-2024	Wednesday		0							
19-Sep-2024	Thursday	calm/rippled	14	6	30					
20-Sep-2024	Friday		0							
21-Sep-2024	Saturday	calm/rippled	5	1	7					
22-Sep-2024	Sunday	frequent whitecaps	1		2			12	1033	26
23-Sep-2024	Monday		0					0	1023	0
24-Sep-2024	Tuesday		0							
25-Sep-2024	Wednesday		0							
26-Sep-2024	Thursday		0							
27-Sep-2024	Friday		0							
28-Sep-2024	Saturday		0							
29-Sep-2024	Sunday	calm/rippled	11	1	6					
30-Sep-2024	Monday	calm/rippled	17	1	15					
01-Oct-2024	Tuesday		0							
02-Oct-2024	Wednesday	calm/rippled	1							
03-Oct-2024	Thursday	calm/rippled	23	4	18					
	Totals	calm/rippled	147	155	152		1	34*		123*
	Totals	choppy	117	110	120			58*		132*

* 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	123	20	2460	1.054	1.034		0.007	2593	2544		17
Weekend	132	10	1320	0.94	1.026			1241	1354		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	September	2060	1230	113		0
2020	September	5138	1928	134		4
2021	September	2277	1439	284	8	0
2022	September	3290	2007	1001	6	0
2023	September	5569	6341	5429		0
2024	September	4555	3647	6488		9
5-Yr Avg	September	3667	2589	1392	7	1

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
Creel Interivews	264	6%
iRec Anglers	6780	13%

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

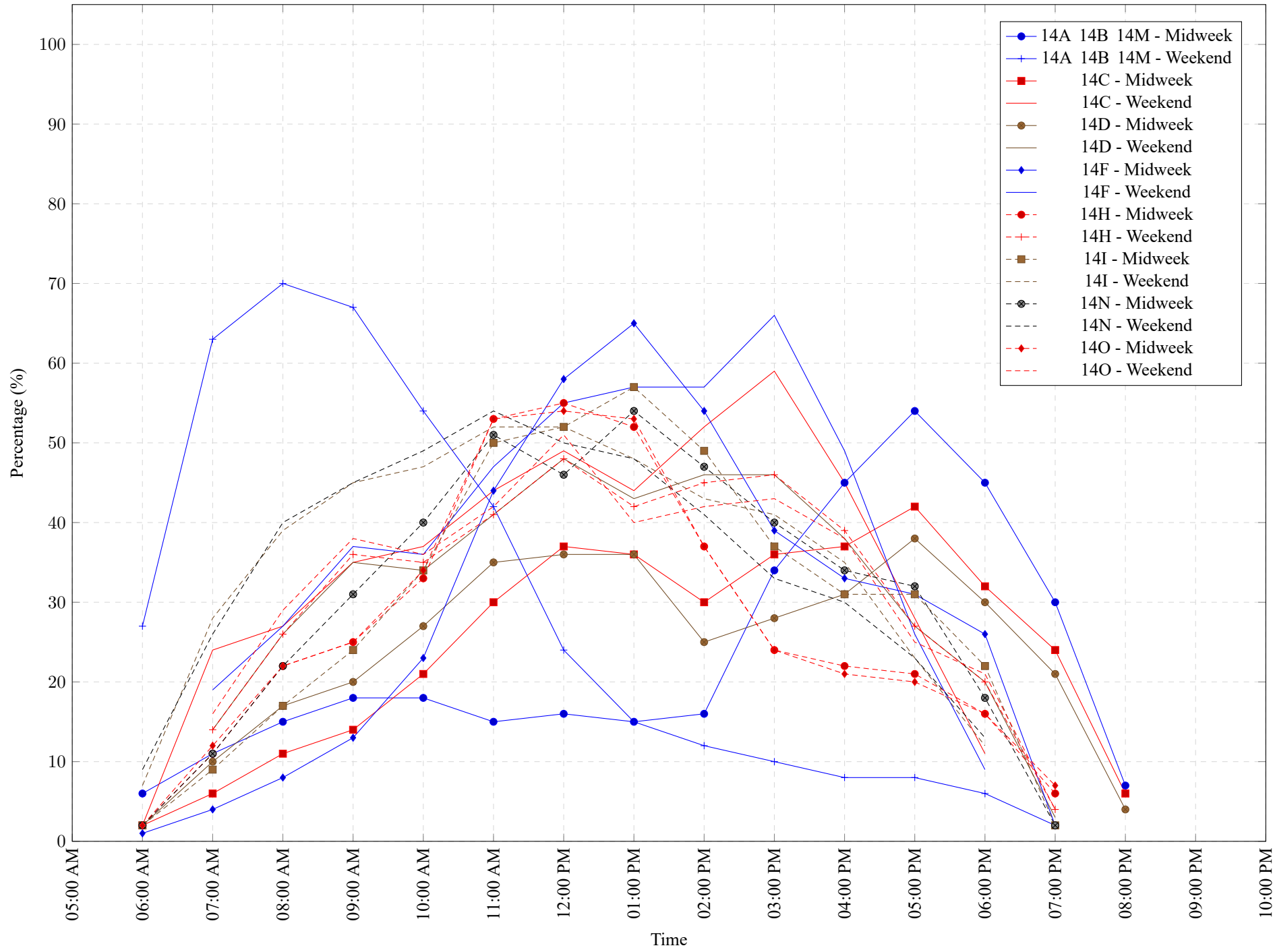


Table 7: Proportion of each day's fishing by hour.

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	14M	Midweek	6%	11%	15%	18%	18%	15%	16%	15%	16%	34%	45%	54%	45%	30%	7%	0%	0%
14A	14B	14M	Weekend	27%	63%	70%	67%	54%	42%	24%	15%	12%	10%	8%	8%	6%	2%	0%	0%	0%
	14C		Midweek	2%	6%	11%	14%	21%	30%	37%	36%	30%	36%	37%	42%	32%	24%	6%	0%	0%
	14C		Weekend	2%	24%	27%	35%	37%	44%	49%	44%	52%	59%	45%	28%	11%	0%	0%	0%	0%
	14D		Midweek	2%	10%	17%	20%	27%	35%	36%	36%	25%	28%	31%	38%	30%	21%	4%	0%	0%
	14D		Weekend	0%	14%	26%	35%	34%	41%	48%	43%	46%	46%	38%	27%	20%	3%	0%	0%	0%
	14F		Midweek	1%	4%	8%	13%	23%	44%	58%	65%	54%	39%	33%	31%	26%	2%	0%	0%	0%
	14F		Weekend	0%	19%	27%	37%	36%	47%	55%	57%	57%	66%	49%	26%	9%	0%	0%	0%	0%
	14H		Midweek	2%	11%	22%	25%	33%	53%	55%	52%	37%	24%	22%	21%	16%	6%	0%	0%	0%
	14H		Weekend	0%	14%	26%	36%	35%	41%	48%	42%	45%	46%	39%	27%	20%	4%	0%	0%	0%
	14I		Midweek	2%	9%	17%	24%	34%	50%	52%	57%	49%	37%	31%	31%	22%	2%	0%	0%	0%
	14I		Weekend	7%	28%	39%	45%	47%	52%	52%	48%	43%	41%	35%	23%	12%	0%	0%	0%	0%
	14N		Midweek	2%	11%	22%	31%	40%	51%	46%	54%	47%	40%	34%	32%	18%	2%	0%	0%	0%
	14N		Weekend	9%	26%	40%	45%	49%	54%	50%	48%	41%	33%	30%	23%	13%	0%	0%	0%	0%
	14O		Midweek	2%	12%	22%	25%	34%	53%	54%	53%	37%	24%	21%	20%	16%	7%	0%	0%	0%
	14O		Weekend	0%	16%	29%	38%	36%	42%	51%	40%	42%	43%	38%	25%	21%	4%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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