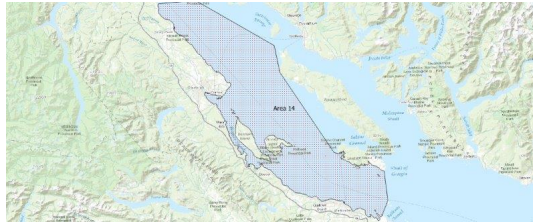


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 14 July 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 12th September, 2024



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

		Big Rock Boat Rental	Bucaneer	Comox Mun		Discovery Marina South	French Ck		Kitty Coleman		Pacific Play		Pender Harbour Resort		Schooner		Union Bay		Westview	
Date	Day Type	PM	PM	AM	PM	AM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
28 Jun 2024	Midweek			7								5			1					
29 Jun 2024	Weekend																			
30 Jun 2024	Weekend								15		5									
01 Jul 2024	Weekend								3											
02 Jul 2024	Midweek				2															
03 Jul 2024	Midweek																			
04 Jul 2024	Midweek											4					1			
05 Jul 2024	Midweek																			
06 Jul 2024	Weekend																			
07 Jul 2024	Weekend			7											7					1
08 Jul 2024	Midweek		1																	
09 Jul 2024	Midweek				7															
10 Jul 2024	Midweek			2			18		5											
11 Jul 2024	Midweek																			
12 Jul 2024	Midweek																			
13 Jul 2024	Weekend				2						2						3			
14 Jul 2024	Weekend							37		10										
15 Jul 2024	Midweek																			
16 Jul 2024	Midweek	1						39			9									
17 Jul 2024	Midweek													1						
18 Jul 2024	Midweek								7											
19 Jul 2024	Midweek							19			6									
20 Jul 2024	Weekend				16			44									2	7		
21 Jul 2024	Weekend								12		6									
22 Jul 2024	Midweek								18				1							
23 Jul 2024	Midweek	1					21											1		
24 Jul 2024	Midweek										9									
25 Jul 2024	Midweek																			
26 Jul 2024	Midweek				12											1				1
27 Jul 2024	Weekend																			
28 Jul 2024	Weekend						26											6		
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			

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-2024	Friday		2		4					
29-Jun-2024	Saturday	calm/rippled	13		24					
30-Jun-2024	Sunday	calm/rippled	20		21					
01-Jul-2024	Monday (Canada Day)	frequent whitecaps	3		3			22	1038	97
02-Jul-2024	Tuesday	choppy	2							
03-Jul-2024	Wednesday		0					9	1038	36
04-Jul-2024	Thursday	calm/rippled	5		8			16	1036	64
05-Jul-2024	Friday		2		6					
06-Jul-2024	Saturday		0					31	1041	134
07-Jul-2024	Sunday	calm/rippled	16		34					
08-Jul-2024	Monday	calm/rippled	3		8					
09-Jul-2024	Tuesday	calm/rippled	9		22					
10-Jul-2024	Wednesday	choppy	27	1	43					
11-Jul-2024	Thursday		0							
12-Jul-2024	Friday		2		10			27	1039	108
13-Jul-2024	Saturday	choppy	7		9					
14-Jul-2024	Sunday	calm/rippled	47	1	36			45	1046	190
15-Jul-2024	Monday		0					121	1041	498
16-Jul-2024	Tuesday	choppy	49	61	19					
17-Jul-2024	Wednesday	calm/rippled	1		2					
18-Jul-2024	Thursday	choppy	7	8	1			60	1036	248
19-Jul-2024	Friday	choppy	25	26	22			55	1037	220
20-Jul-2024	Saturday	choppy	69	62	24			174	1038	766
21-Jul-2024	Sunday	choppy	18	23	7			56	1037	249
22-Jul-2024	Monday	calm/rippled	19	38	9					
23-Jul-2024	Tuesday	choppy	23	10	20					
24-Jul-2024	Wednesday	calm/rippled	9	6	5					
25-Jul-2024	Thursday		0					71	1034	285
26-Jul-2024	Friday	calm/rippled	14	16	9					
27-Jul-2024	Saturday	calm/rippled	6	2	4			127	1039	555
28-Jul-2024	Sunday	frequent whitecaps	26	4	22					
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	435
03-Aug-2024	Saturday	choppy	50	26	32			124	0945	648
	Totals	choppy	242	234	194			51*		208*
	Totals	choppy	192	92	139			76*		332*

* 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	332	9	2988	0.479	0.724			1431	2163		
Midweek	208	22	4576	0.967	0.802			4425	3670		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	5419	3593	2151	34	0
2020	July	5282	3357	996	0	0
2021	July	6769	6927	441		10
2022	July	4068	4532	57		0
2023	July	4248	3778	4334	0	7
2024	July	7545	7126	4861		0
5-Yr Avg	July	5157	4437	1596	11	3

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	4653	96%	1%		%		48

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	434	1%

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

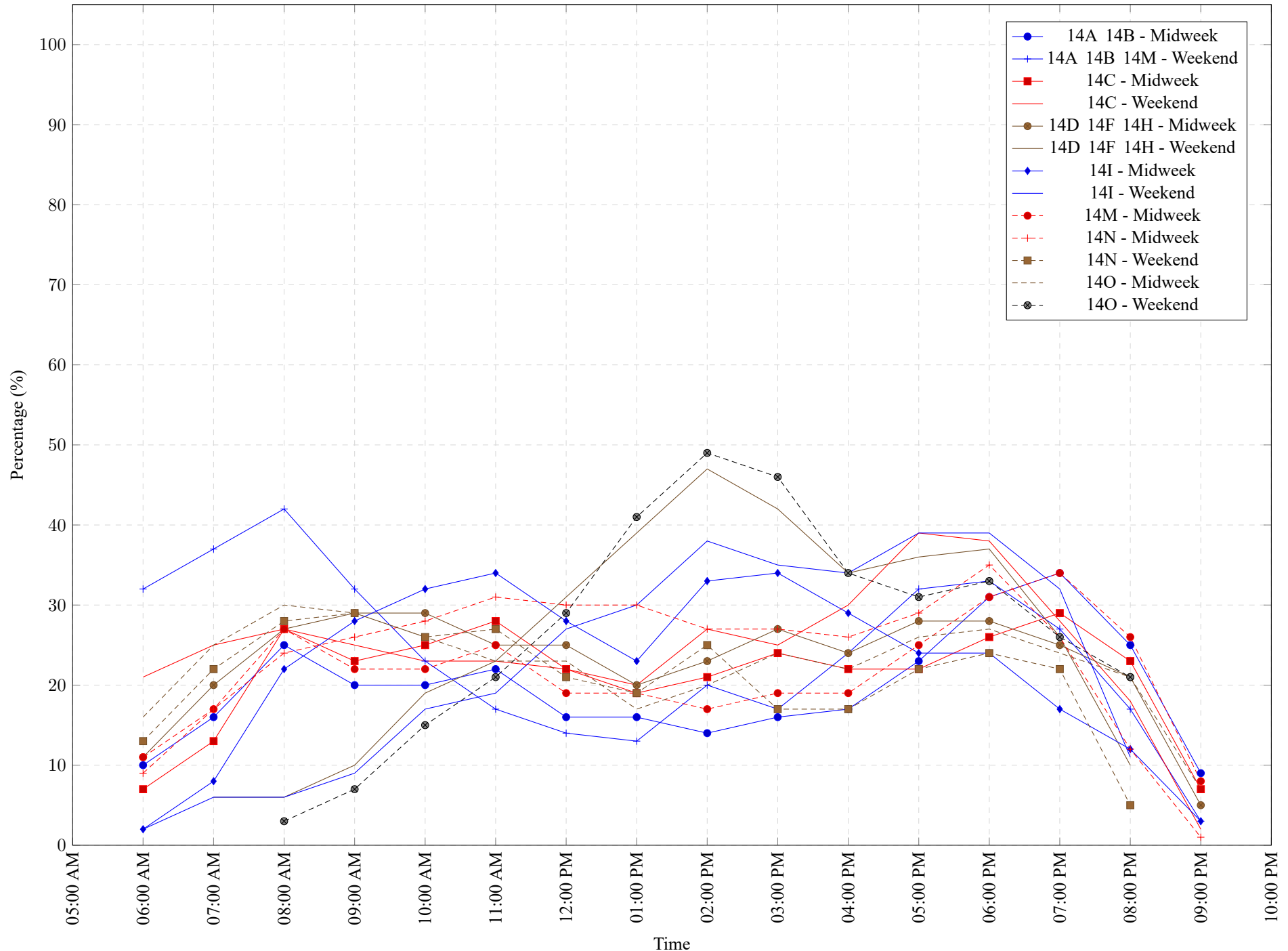


Table 7: Proportion of each day's fishing by hour.

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	10%	16%	25%	20%	20%	22%	16%	16%	14%	16%	17%	23%	31%	34%	25%	9%	0%
14A 14B 14M	Weekend	32%	37%	42%	32%	23%	17%	14%	13%	20%	17%	24%	32%	33%	27%	17%	3%	0%
14C	Midweek	7%	13%	27%	23%	25%	28%	22%	19%	21%	24%	22%	22%	26%	29%	23%	7%	0%
14C	Weekend	21%	25%	27%	25%	23%	23%	22%	20%	27%	25%	30%	39%	38%	28%	18%	2%	0%
14D 14F 14H	Midweek	11%	20%	27%	29%	29%	25%	25%	20%	23%	27%	24%	28%	28%	25%	21%	5%	0%
14D 14F 14H	Weekend	0%	6%	6%	10%	19%	23%	31%	39%	47%	42%	34%	36%	37%	26%	10%	0%	0%
14I	Midweek	2%	8%	22%	28%	32%	34%	28%	23%	33%	34%	29%	24%	24%	17%	12%	3%	0%
14I	Weekend	2%	6%	6%	9%	17%	19%	27%	30%	38%	35%	34%	39%	39%	32%	11%	0%	0%
14M	Midweek	11%	17%	27%	22%	22%	25%	19%	19%	17%	19%	19%	25%	31%	34%	26%	8%	0%
14N	Midweek	9%	17%	24%	26%	28%	31%	30%	30%	27%	27%	26%	29%	35%	26%	12%	1%	0%
14N	Weekend	13%	22%	28%	29%	26%	27%	21%	19%	25%	17%	17%	22%	24%	22%	5%	0%	0%
14O	Midweek	16%	25%	30%	29%	26%	23%	23%	17%	20%	24%	22%	26%	27%	24%	21%	7%	0%
14O	Weekend	0%	0%	3%	7%	15%	21%	29%	41%	49%	46%	34%	31%	33%	26%	21%	0%	0%

Table 8: Daily Fishing Conditions.

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