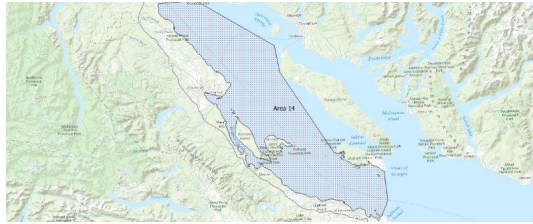


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 14 May 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Friday 19th July, 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		French Ck		Kitty Coleman		Pacific Play		Schooner	Union Bay PM
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM	PM	
28 Apr 2024	Weekend					3							
29 Apr 2024	Midweek												
30 Apr 2024	Midweek												
01 May 2024	Midweek												
02 May 2024	Midweek										1		
03 May 2024	Midweek												
04 May 2024	Weekend				6								
05 May 2024	Weekend		1			10							
06 May 2024	Midweek												
07 May 2024	Midweek												
08 May 2024	Midweek												
09 May 2024	Midweek												
10 May 2024	Midweek												
11 May 2024	Weekend							1		1			
12 May 2024	Weekend												
13 May 2024	Midweek												1
14 May 2024	Midweek												
15 May 2024	Midweek												
16 May 2024	Midweek												
17 May 2024	Midweek				2								
18 May 2024	Weekend				3								1
19 May 2024	Weekend							1					
20 May 2024	Weekend						14						
21 May 2024	Midweek												
22 May 2024	Midweek										1		
23 May 2024	Midweek												
24 May 2024	Midweek												
25 May 2024	Weekend											1	1
26 May 2024	Weekend												
27 May 2024	Midweek												
28 May 2024	Midweek												
29 May 2024	Midweek												
30 May 2024	Midweek			4									
31 May 2024	Midweek	1			5								
01 Jun 2024	Weekend							1					
02 Jun 2024	Weekend												
03 Jun 2024	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
28-Apr-2024	Sunday	choppy	3							
29-Apr-2024	Monday		0							
30-Apr-2024	Tuesday		0							
01-May-2024	Wednesday		0							
02-May-2024	Thursday	calm/rippled	1					2	1035	4
03-May-2024	Friday		0							
04-May-2024	Saturday	calm/rippled	6							
05-May-2024	Sunday	choppy	11					6	1035	18
06-May-2024	Monday		0					5	1036	10
07-May-2024	Tuesday		0							
08-May-2024	Wednesday		0							
09-May-2024	Thursday		0							
10-May-2024	Friday		0							
11-May-2024	Saturday	calm/rippled	2							
12-May-2024	Sunday		0					4	1033	10
13-May-2024	Monday	calm/rippled	1							
14-May-2024	Tuesday		0							
15-May-2024	Wednesday		0							
16-May-2024	Thursday		0							
17-May-2024	Friday	calm/rippled	2					0	1037	0
18-May-2024	Saturday	calm/rippled	4							
19-May-2024	Sunday	choppy	1							
20-May-2024	Monday (Victoria Day)	choppy	14					16	1037	43
21-May-2024	Tuesday		0							
22-May-2024	Wednesday	choppy	1							
23-May-2024	Thursday		0							
24-May-2024	Friday		0							
25-May-2024	Saturday	calm/rippled	2					5	1039	15
26-May-2024	Sunday		0							
27-May-2024	Monday		0							
28-May-2024	Tuesday		0							
29-May-2024	Wednesday		0							
30-May-2024	Thursday	calm/rippled	4					12	1034	25
31-May-2024	Friday	calm/rippled	6							
01-Jun-2024	Saturday	calm/rippled	1					27	1036	75
02-Jun-2024	Sunday		0							
03-Jun-2024	Monday		0							
	Totals	calm/rippled	15					5*		10*
	Totals	calm/rippled	40					8*		22*

* 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	22	9	198								
Midweek	10	22	220								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	May	747	4	0		0
2020	May	1033				
2021	May	1501	0	0		10
2022	May	639	10	0	0	2
2023	May	604	0			0
2024	May	411	0	0		0
5-Yr Avg	May	905	4	0	0	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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	55	0%
iRec Anglers	848	20%

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

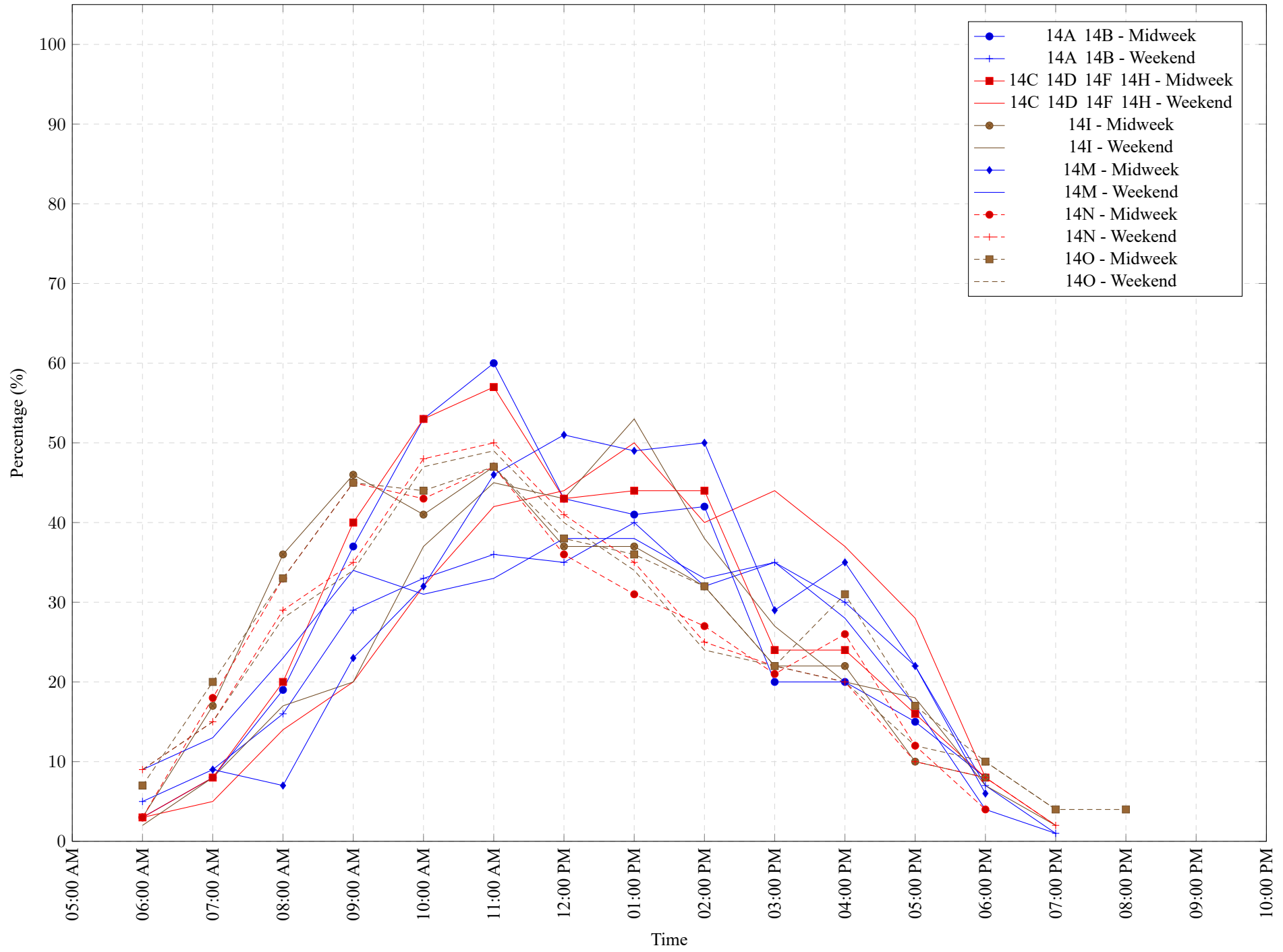


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
14A 14B	Midweek	3%	8%	19%	37%	53%	60%	43%	41%	42%	20%	20%	15%	8%	0%	0%	0%	0%
14A 14B	Weekend	5%	9%	16%	29%	33%	36%	35%	40%	32%	35%	30%	22%	7%	1%	0%	0%	0%
14C 14D 14F 14H	Midweek	3%	8%	20%	40%	53%	57%	43%	44%	44%	24%	24%	16%	8%	0%	0%	0%	0%
14C 14D 14F 14H	Weekend	3%	5%	14%	20%	32%	42%	44%	50%	40%	44%	37%	28%	8%	2%	0%	0%	0%
14I	Midweek	3%	17%	36%	46%	41%	47%	37%	37%	32%	22%	22%	10%	8%	0%	0%	0%	0%
14I	Weekend	2%	8%	17%	20%	37%	45%	43%	53%	38%	27%	20%	18%	7%	2%	0%	0%	0%
14M	Midweek	0%	9%	7%	23%	32%	46%	51%	49%	50%	29%	35%	22%	6%	0%	0%	0%	0%
14M	Weekend	9%	13%	23%	34%	31%	33%	38%	38%	33%	35%	28%	17%	4%	1%	0%	0%	0%
14N	Midweek	3%	18%	33%	45%	43%	47%	36%	31%	27%	21%	26%	12%	4%	0%	0%	0%	0%
14N	Weekend	9%	15%	29%	35%	48%	50%	41%	35%	25%	22%	20%	10%	8%	2%	0%	0%	0%
14O	Midweek	7%	20%	33%	45%	44%	47%	38%	36%	32%	22%	31%	17%	10%	4%	4%	0%	0%
14O	Weekend	9%	15%	28%	34%	47%	49%	40%	34%	24%	22%	20%	12%	10%	4%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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