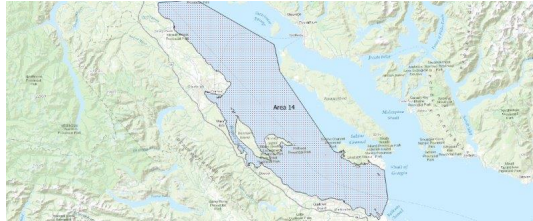


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 14 June 2021



Prepared By:

South Coast Salmon Stock Assessment Section

Saturday 5th February, 2022



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

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
		PM	AM	PM	AM	PM	AM	PM	AM	PM	PM
29 May 2021	Weekend							4			
30 May 2021	Weekend		6		5						
31 May 2021	Midweek					7					
01 Jun 2021	Midweek										
02 Jun 2021	Midweek							1			
03 Jun 2021	Midweek	1									
04 Jun 2021	Midweek										
05 Jun 2021	Weekend			3				2			
06 Jun 2021	Weekend										
07 Jun 2021	Midweek										
08 Jun 2021	Midweek										
09 Jun 2021	Midweek		4								
10 Jun 2021	Midweek										
11 Jun 2021	Midweek										
12 Jun 2021	Weekend					5				1	
13 Jun 2021	Weekend										
14 Jun 2021	Midweek		2			8					
15 Jun 2021	Midweek										
16 Jun 2021	Midweek	1								2	
17 Jun 2021	Midweek										
18 Jun 2021	Midweek			5				1			
19 Jun 2021	Weekend									4	
20 Jun 2021	Weekend		3					7			4
21 Jun 2021	Midweek										
22 Jun 2021	Midweek										
23 Jun 2021	Midweek										
24 Jun 2021	Midweek		3								
25 Jun 2021	Midweek										
26 Jun 2021	Weekend										
27 Jun 2021	Weekend						1		2		
28 Jun 2021	Midweek										
29 Jun 2021	Midweek										
30 Jun 2021	Midweek			4							
01 Jul 2021	Weekend				5			3			
02 Jul 2021	Midweek										
03 Jul 2021	Weekend			1						3	

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-May-2021	Saturday	calm/rippled	4				1			
30-May-2021	Sunday	calm/rippled	11							
31-May-2021	Monday	calm/rippled	7							
01-Jun-2021	Tuesday		0					31	1253	129
02-Jun-2021	Wednesday	calm/rippled	1							
03-Jun-2021	Thursday	calm/rippled	3							
04-Jun-2021	Friday		2							
05-Jun-2021	Saturday	choppy	6					3	1301	10
06-Jun-2021	Sunday		0							
07-Jun-2021	Monday		2							
08-Jun-2021	Tuesday		2					14	1252	58
09-Jun-2021	Wednesday	choppy	4							
10-Jun-2021	Thursday		3							
11-Jun-2021	Friday		0							
12-Jun-2021	Saturday	choppy	6							
13-Jun-2021	Sunday		0					3	1244	12
14-Jun-2021	Monday	calm/rippled	10		1					
15-Jun-2021	Tuesday		0							
16-Jun-2021	Wednesday	calm/rippled	3					25	1251	104
17-Jun-2021	Thursday		2							
18-Jun-2021	Friday	choppy	10		1			17	1300	75
19-Jun-2021	Saturday	calm/rippled	11	1	1			40	1253	147
20-Jun-2021	Sunday	calm/rippled	18							
21-Jun-2021	Monday		5							
22-Jun-2021	Tuesday		0							
23-Jun-2021	Wednesday		4					34	1252	138
24-Jun-2021	Thursday	calm/rippled	5							
25-Jun-2021	Friday		0							
26-Jun-2021	Saturday		0					37	1251	132
27-Jun-2021	Sunday	calm/rippled	3							
28-Jun-2021	Monday		3					9	1243	37
29-Jun-2021	Tuesday		0							
30-Jun-2021	Wednesday	choppy	5							
01-Jul-2021	Thursday (Canada Day)	choppy	10		1					
02-Jul-2021	Friday		0					14	1202	56
03-Jul-2021	Saturday	frequent whitecaps	7		1			27	1153	116
	Totals	calm/rippled	64		2			22*		90*
	Totals	calm/rippled	44	1	1			21*		75*

* 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	75	8	600	0.023	0.023			14	14		
Midweek	90	22	1980		0.031				61		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	June	2838	1359	700		25
2017	June	4322	3365	397		23
2018	June	3099	3031	1288		
2019	June	1266	3	194		0
2020	June	1396	8	245		
2021	June	2552	1	181		0
5-Yr Avg	June	2584	1553	565		16

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	181	100%	1%	39	100%	5%	2

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	107	2%
iRec Anglers	2147	6%

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

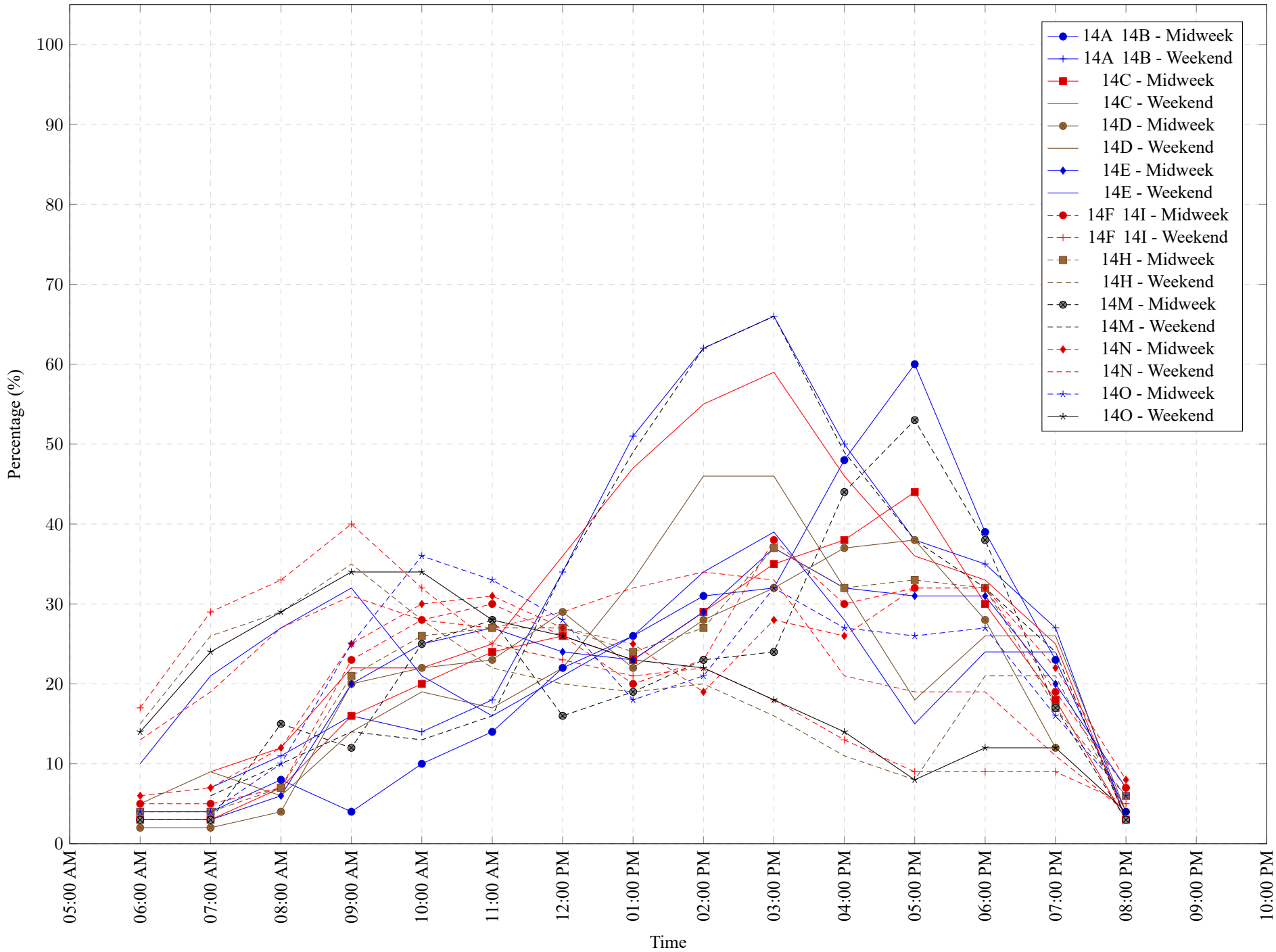


Table 7: Proportion of each day's fishing by hour.

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	4%	4%	8%	4%	10%	14%	22%	26%	31%	32%	48%	60%	39%	23%	4%	0%	0%
14A	14B	Weekend	0%	7%	11%	16%	14%	18%	34%	51%	62%	66%	50%	38%	35%	27%	3%	0%	0%
14C		Midweek	3%	3%	7%	16%	20%	24%	26%	23%	29%	35%	38%	44%	30%	18%	3%	0%	0%
14C		Weekend	0%	9%	12%	22%	22%	25%	36%	47%	55%	59%	46%	36%	33%	25%	3%	0%	0%
14D		Midweek	2%	2%	4%	20%	22%	23%	29%	22%	28%	32%	37%	38%	28%	12%	0%	0%	0%
14D		Weekend	5%	9%	6%	14%	19%	17%	22%	33%	46%	46%	32%	18%	26%	26%	4%	0%	0%
14E		Midweek	3%	3%	6%	20%	25%	27%	24%	23%	29%	37%	32%	31%	31%	20%	7%	0%	0%
14E		Weekend	10%	21%	27%	32%	21%	16%	21%	26%	34%	39%	28%	15%	24%	24%	0%	0%	0%
14F	14I	Midweek	5%	5%	7%	23%	28%	30%	26%	20%	23%	38%	30%	32%	32%	19%	7%	0%	0%
14F	14I	Weekend	17%	29%	33%	40%	32%	25%	23%	21%	22%	18%	13%	9%	9%	9%	5%	0%	0%
14H		Midweek	4%	4%	7%	21%	26%	27%	27%	24%	27%	37%	32%	33%	32%	17%	6%	0%	0%
14H		Weekend	15%	26%	29%	35%	28%	22%	20%	19%	20%	16%	11%	8%	21%	21%	4%	0%	0%
14M		Midweek	3%	3%	15%	12%	25%	28%	16%	19%	23%	24%	44%	53%	38%	17%	3%	0%	0%
14M		Weekend	0%	6%	10%	14%	13%	16%	34%	49%	62%	66%	49%	38%	32%	24%	3%	0%	0%
14N		Midweek	6%	7%	12%	25%	30%	31%	27%	25%	19%	28%	26%	32%	32%	22%	8%	0%	0%
14N		Weekend	13%	19%	27%	31%	28%	27%	29%	32%	34%	33%	21%	19%	19%	11%	4%	0%	0%
14O		Midweek	4%	4%	10%	25%	36%	33%	28%	18%	21%	32%	27%	26%	27%	16%	6%	0%	0%
14O		Weekend	14%	24%	29%	34%	34%	28%	26%	23%	22%	18%	14%	8%	12%	12%	4%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Big Rock Boat Rental	Comox Mun	French Ck	Kitty Coleman	Pacific Play	Schooner
29 May 2021	Weekend				calm/rippled		
30 May 2021	Weekend		calm/rippled	calm/rippled			
31 May 2021	Midweek			calm/rippled			
01 Jun 2021	Midweek						
02 Jun 2021	Midweek				calm/rippled		
03 Jun 2021	Midweek	calm/rippled					
04 Jun 2021	Midweek						
05 Jun 2021	Weekend		calm/rippled		choppy		
06 Jun 2021	Weekend						
07 Jun 2021	Midweek						
08 Jun 2021	Midweek						
09 Jun 2021	Midweek		choppy				
10 Jun 2021	Midweek						
11 Jun 2021	Midweek						
12 Jun 2021	Weekend			choppy		choppy	
13 Jun 2021	Weekend						
14 Jun 2021	Midweek		choppy	calm/rippled			
15 Jun 2021	Midweek						
16 Jun 2021	Midweek	calm/rippled				calm/rippled	
17 Jun 2021	Midweek						
18 Jun 2021	Midweek		choppy		frequent whitecaps		
19 Jun 2021	Weekend					calm/rippled	
20 Jun 2021	Weekend		calm/rippled		calm/rippled		choppy
21 Jun 2021	Midweek						
22 Jun 2021	Midweek						
23 Jun 2021	Midweek						
24 Jun 2021	Midweek		calm/rippled				
25 Jun 2021	Midweek						
26 Jun 2021	Weekend						
27 Jun 2021	Weekend				calm/rippled	calm/rippled	
28 Jun 2021	Midweek						
29 Jun 2021	Midweek						
30 Jun 2021	Midweek		choppy				
01 Jul 2021	Weekend			choppy	calm/rippled		
02 Jul 2021	Midweek						
03 Jul 2021	Weekend		choppy			frequent whitecaps	