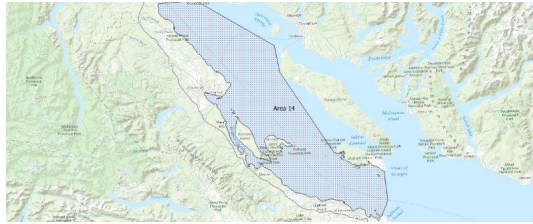


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 14 May 2021



Prepared By:
South Coast Salmon Stock Assessment Section

Saturday 5th February, 2022



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		Comox Mun		Discovery Marina South	French Ck		Kitty Coleman	McDonald Beach	Pacific Play	Schooner	
Date	Day Type	AM	PM	AM	PM	PM	AM	PM	PM	AM	PM	AM	PM
28 Apr 2021	Midweek												
29 Apr 2021	Midweek												
30 Apr 2021	Midweek												
01 May 2021	Weekend	1											
02 May 2021	Weekend			9									
03 May 2021	Midweek												
04 May 2021	Midweek												
05 May 2021	Midweek		1		10		8						
06 May 2021	Midweek												
07 May 2021	Midweek										1		
08 May 2021	Weekend				2								
09 May 2021	Weekend									1	3		4
10 May 2021	Midweek			2									
11 May 2021	Midweek												
12 May 2021	Midweek												
13 May 2021	Midweek												
14 May 2021	Midweek												
15 May 2021	Weekend						8						
16 May 2021	Weekend		2										
17 May 2021	Midweek			2								1	
18 May 2021	Midweek												
19 May 2021	Midweek												
20 May 2021	Midweek						1						
21 May 2021	Midweek							21	1		1		
22 May 2021	Weekend				11								
23 May 2021	Weekend					1					1		
24 May 2021	Weekend												
25 May 2021	Midweek												
26 May 2021	Midweek												
27 May 2021	Midweek												
28 May 2021	Midweek												
29 May 2021	Weekend								4				
30 May 2021	Weekend			6			5						
31 May 2021	Midweek							7					
01 Jun 2021	Midweek								1				
02 Jun 2021	Midweek												
03 Jun 2021	Midweek		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-Apr-2021	Wednesday		0							
29-Apr-2021	Thursday		1							
30-Apr-2021	Friday		0							
01-May-2021	Saturday	calm/rippled	2					32	1300	89
02-May-2021	Sunday	choppy	10							
03-May-2021	Monday		0							
04-May-2021	Tuesday		0							
05-May-2021	Wednesday	calm/rippled	21					22	1246	45
06-May-2021	Thursday		0							
07-May-2021	Friday	choppy	1							
08-May-2021	Saturday	choppy	3							
09-May-2021	Sunday	calm/rippled	9					25	1241	58
10-May-2021	Monday	choppy	2							
11-May-2021	Tuesday		0							
12-May-2021	Wednesday		4							
13-May-2021	Thursday		0					9	1243	18
14-May-2021	Friday		0							
15-May-2021	Saturday	choppy	8							
16-May-2021	Sunday	calm/rippled	2					20	1258	55
17-May-2021	Monday	choppy	3							
18-May-2021	Tuesday		0					0	1248	0
19-May-2021	Wednesday		2							
20-May-2021	Thursday	frequent whitecaps	1							
21-May-2021	Friday	calm/rippled	23							
22-May-2021	Saturday	choppy	11							
23-May-2021	Sunday	choppy	2					24	1252	57
24-May-2021	Monday (Victoria Day)		2							
25-May-2021	Tuesday		3							
26-May-2021	Wednesday		0							
27-May-2021	Thursday		0							
28-May-2021	Friday		0					7	1253	14
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	66
02-Jun-2021	Wednesday	calm/rippled	1							
03-Jun-2021	Thursday	calm/rippled	3							
	Totals	choppy	67					10*		19*
	Totals	choppy	64				1	25*		65*

* 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	19	20	380								
Weekend	65	11	715				0.016				11

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	May	3169	1328	93		
2017	May	2503	1728	8		
2018	May	2263	3334	23		
2019	May	747	4	0		0
2020	May	1033				
2021	May	1501	0	0		10
5-Yr Avg	May	1943	1599	31		0

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	131	1%
iRec Anglers	1043	2%

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

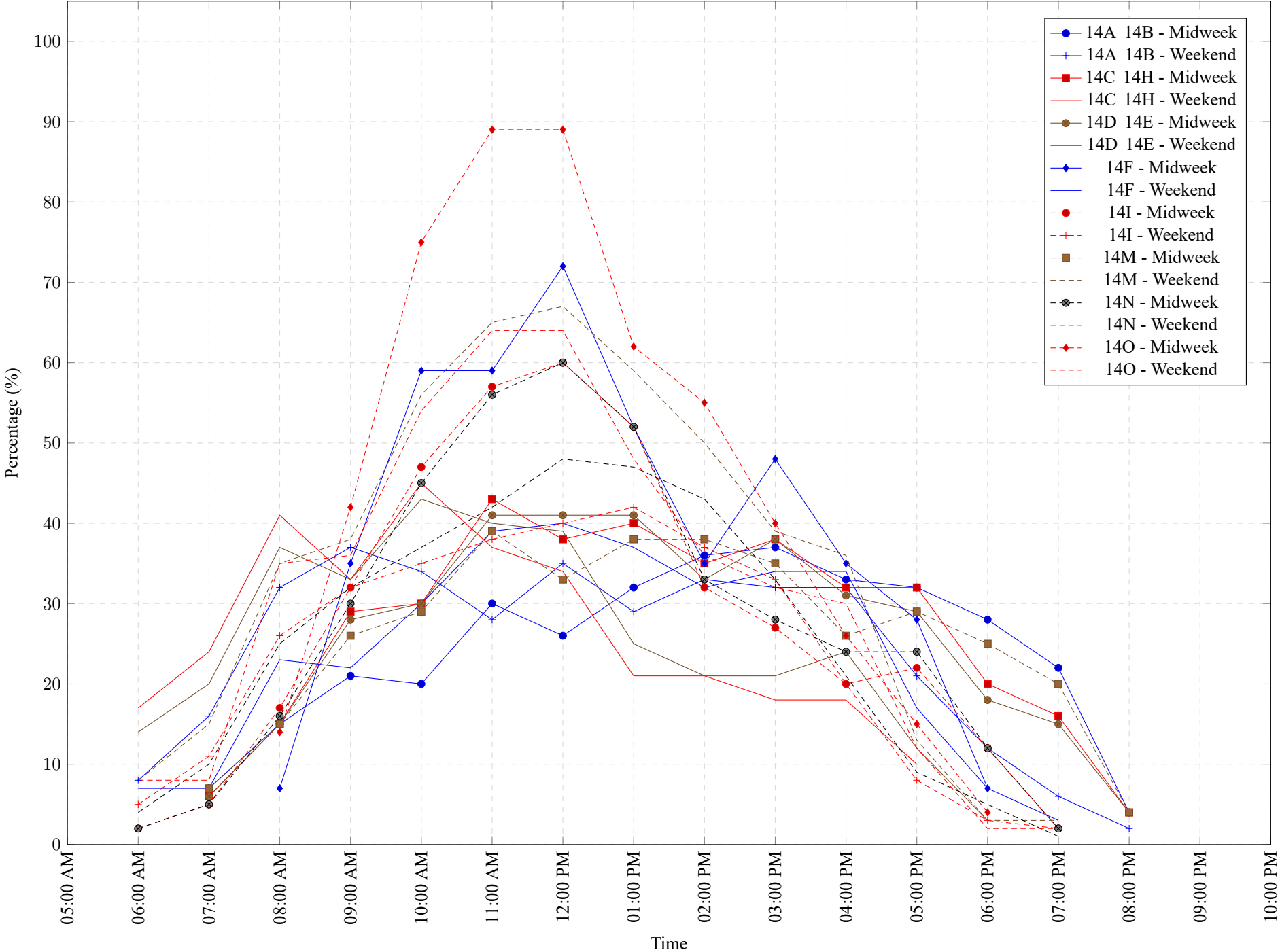


Table 7: Proportion of each day's fishing by hour.

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	0%	7%	15%	21%	20%	30%	26%	32%	36%	37%	33%	32%	28%	22%	4%	0%	0%
14A	14B	Weekend	8%	16%	32%	37%	34%	28%	35%	29%	33%	32%	32%	21%	12%	6%	2%	0%	0%
14C	14H	Midweek	0%	6%	15%	29%	30%	43%	38%	40%	35%	38%	32%	32%	20%	16%	4%	0%	0%
14C	14H	Weekend	17%	24%	41%	33%	45%	37%	34%	21%	21%	18%	18%	10%	0%	0%	0%	0%	0%
14D	14E	Midweek	0%	6%	15%	28%	30%	41%	41%	41%	33%	38%	31%	29%	18%	15%	4%	0%	0%
14D	14E	Weekend	14%	20%	37%	33%	43%	40%	39%	25%	21%	21%	24%	12%	3%	0%	0%	0%	0%
14F		Midweek	0%	0%	7%	35%	59%	59%	72%	52%	35%	48%	35%	28%	7%	0%	0%	0%	0%
14F		Weekend	7%	7%	23%	22%	30%	39%	40%	37%	32%	34%	34%	17%	7%	3%	0%	0%	0%
14I		Midweek	2%	5%	17%	32%	47%	57%	60%	52%	32%	27%	20%	22%	12%	2%	0%	0%	0%
14I		Weekend	5%	11%	26%	32%	35%	38%	40%	42%	37%	33%	20%	8%	3%	2%	0%	0%	0%
14M		Midweek	0%	7%	15%	26%	29%	39%	33%	38%	38%	35%	26%	29%	25%	20%	4%	0%	0%
14M		Weekend	8%	15%	35%	38%	56%	65%	67%	59%	50%	39%	36%	13%	3%	3%	0%	0%	0%
14N		Midweek	2%	5%	16%	30%	45%	56%	60%	52%	33%	28%	24%	24%	12%	2%	0%	0%	0%
14N		Weekend	4%	10%	25%	32%	37%	42%	48%	47%	43%	33%	21%	9%	5%	1%	0%	0%	0%
14O		Midweek	0%	0%	14%	42%	75%	89%	89%	62%	55%	40%	26%	15%	4%	0%	0%	0%	0%
14O		Weekend	8%	8%	35%	36%	54%	64%	64%	48%	36%	32%	30%	12%	2%	2%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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