

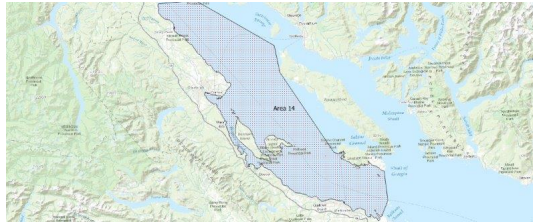
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

---

## Area 14 September 2020



---

*Prepared By:*  
South Coast Salmon Stock Assessment Section

Tuesday 2<sup>nd</sup> February, 2021



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		Brechin	Comox Mun		Discov- ery Marina South PM	French Ck		Kitty Coleman		Pacific Play		Painter's	Schooner
Date	Day Type	AM	PM	PM	AM	PM	PM	AM	PM	AM	PM	AM	PM	MD	PM
29 Aug 2020	Weekend														
30 Aug 2020	Weekend											5			
31 Aug 2020	Midweek								32						
01 Sep 2020	Midweek					22									2
02 Sep 2020	Midweek														
03 Sep 2020	Midweek				14							1			
04 Sep 2020	Midweek														
05 Sep 2020	Weekend					32		45		6					
06 Sep 2020	Weekend										6				
07 Sep 2020	Weekend														
08 Sep 2020	Midweek														
09 Sep 2020	Midweek														
10 Sep 2020	Midweek	1													
11 Sep 2020	Midweek									8					
12 Sep 2020	Weekend						4					10			1
13 Sep 2020	Weekend														
14 Sep 2020	Midweek								18						
15 Sep 2020	Midweek							2							
16 Sep 2020	Midweek														
17 Sep 2020	Midweek													1	
18 Sep 2020	Midweek												8		
19 Sep 2020	Weekend			1								13			1
20 Sep 2020	Weekend									3					
21 Sep 2020	Midweek														
22 Sep 2020	Midweek											4			
23 Sep 2020	Midweek														
24 Sep 2020	Midweek														
25 Sep 2020	Midweek														
26 Sep 2020	Weekend								9						
27 Sep 2020	Weekend		1												
28 Sep 2020	Midweek								13						
29 Sep 2020	Midweek							6			3				
30 Sep 2020	Midweek														
01 Oct 2020	Midweek														
02 Oct 2020	Midweek									4					
03 Oct 2020	Weekend				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-2020	Saturday		1					10	1007	22
30-Aug-2020	Sunday	calm/rippled	7	12	1					
31-Aug-2020	Monday	calm/rippled	34	29	5					
01-Sep-2020	Tuesday	calm/rippled	4	2				122	1228	259
02-Sep-2020	Wednesday	choppy	23	13						
03-Sep-2020	Thursday	calm/rippled	17	16	1					
04-Sep-2020	Friday		1	8						
05-Sep-2020	Saturday	choppy	85	56	2					
06-Sep-2020	Sunday	calm/rippled	9	10				102	1221	303
07-Sep-2020	Monday (Labour Day)		1	2						
08-Sep-2020	Tuesday		1	5						
09-Sep-2020	Wednesday		1	3						
10-Sep-2020	Thursday	calm/rippled	2	7				94	1212	201
11-Sep-2020	Friday	choppy	9	4	2					
12-Sep-2020	Saturday	calm/rippled	12	6	1					
13-Sep-2020	Sunday	choppy	6	2						
14-Sep-2020	Monday	choppy	19	6	2					
15-Sep-2020	Tuesday	frequent whitecaps	3	1						
16-Sep-2020	Wednesday		1	1	1			1	1242	2
17-Sep-2020	Thursday	choppy	2	2	1					
18-Sep-2020	Friday	calm/rippled	9	5						
19-Sep-2020	Saturday	calm/rippled	16	3	2		1	88	1209	263
20-Sep-2020	Sunday	choppy	4	3				25	1316	70
21-Sep-2020	Monday		1					17	1134	41
22-Sep-2020	Tuesday	calm/rippled	5	3						
23-Sep-2020	Wednesday		0							
24-Sep-2020	Thursday		0							
25-Sep-2020	Friday		0							
26-Sep-2020	Saturday	choppy	10	1				24	1213	72
27-Sep-2020	Sunday	calm/rippled	1							
28-Sep-2020	Monday	choppy	14	2						
29-Sep-2020	Tuesday	choppy	10		4					
30-Sep-2020	Wednesday		0							
01-Oct-2020	Thursday		0							
02-Oct-2020	Friday	calm/rippled	4	2	2					
03-Oct-2020	Saturday	calm/rippled	4							
	Totals	choppy	122	78	11			59*		126*
	Totals	choppy	144	83	5		1	60*		177*

\* 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	126	21	2646	0.6390	0.09			1691	238		
Weekend	177	9	1593	0.5760	0.0350		0.0070	918	56		11

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	September	1323	692	37		
2016	September	3327	931	624		
2017	September	2907	1182	203		
2018	September	1640	289	337	6	
2019	September	2060	1230	113		0
2020	September	5138	1928	134		4
5-Yr Avg	September	2251	865	263	6	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
---------	--------------------	-----------------	-----------------------	-------------------	----------------	----------------------	-----------------------

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	266	4%
iRec Anglers	5846	9%

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

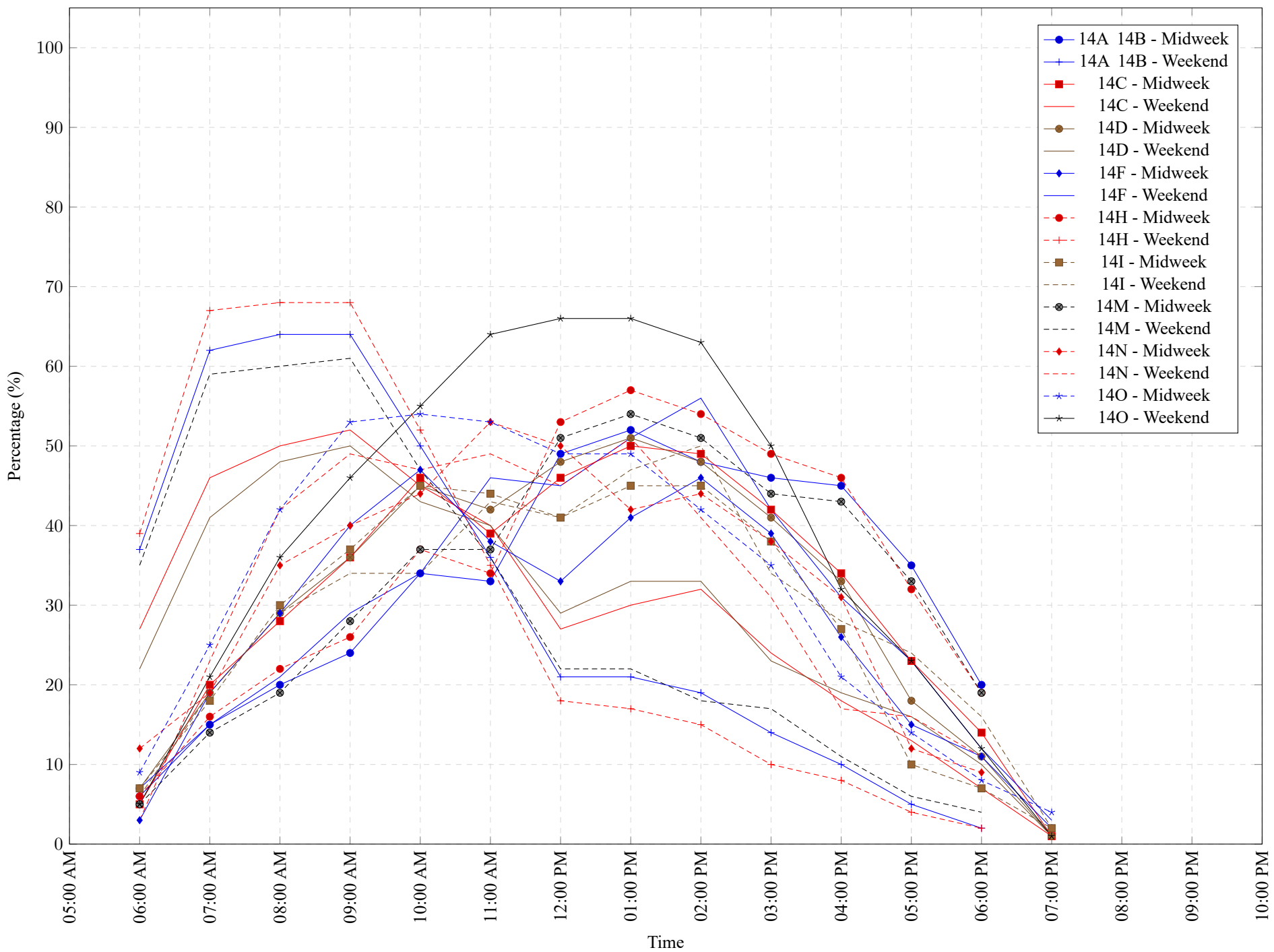


Table 7: Proportion of each day's fishing by hour.

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	6%	15%	20%	24%	34%	33%	49%	52%	48%	46%	45%	35%	20%	0%	0%	0%	0%
14A	14B	Weekend	37%	62%	64%	64%	50%	36%	21%	21%	19%	14%	10%	5%	2%	0%	0%	0%	0%
14C		Midweek	5%	20%	28%	36%	46%	39%	46%	50%	49%	42%	34%	23%	14%	1%	0%	0%	0%
14C		Weekend	27%	46%	50%	52%	45%	40%	27%	30%	32%	24%	18%	13%	7%	1%	0%	0%	0%
14D		Midweek	7%	19%	29%	36%	45%	42%	48%	51%	48%	41%	33%	18%	11%	1%	0%	0%	0%
14D		Weekend	22%	41%	48%	50%	43%	40%	29%	33%	33%	23%	19%	16%	10%	1%	0%	0%	0%
14F		Midweek	3%	19%	29%	40%	47%	38%	33%	41%	46%	39%	26%	15%	11%	2%	0%	0%	0%
14F		Weekend	7%	15%	21%	29%	34%	46%	45%	51%	56%	42%	31%	23%	12%	3%	0%	0%	0%
14H		Midweek	6%	16%	22%	26%	37%	34%	53%	57%	54%	49%	46%	32%	19%	0%	0%	0%	0%
14H		Weekend	39%	67%	68%	68%	52%	35%	18%	17%	15%	10%	8%	4%	2%	0%	0%	0%	0%
14I		Midweek	7%	18%	30%	37%	45%	44%	41%	45%	45%	38%	27%	10%	7%	2%	0%	0%	0%
14I		Weekend	6%	19%	29%	34%	34%	43%	41%	47%	50%	34%	28%	24%	16%	2%	0%	0%	0%
14M		Midweek	5%	14%	19%	28%	37%	37%	51%	54%	51%	44%	43%	33%	19%	0%	0%	0%	0%
14M		Weekend	35%	59%	60%	61%	47%	36%	22%	22%	18%	17%	11%	6%	4%	0%	0%	0%	0%
14N		Midweek	12%	19%	35%	40%	44%	53%	50%	42%	44%	38%	31%	12%	9%	0%	0%	0%	0%
14N		Weekend	3%	23%	42%	49%	47%	49%	45%	51%	41%	31%	17%	16%	11%	0%	0%	0%	0%
14O		Midweek	9%	25%	42%	53%	54%	53%	49%	49%	42%	35%	21%	14%	8%	4%	0%	0%	0%
14O		Weekend	5%	21%	36%	46%	55%	64%	66%	66%	63%	50%	32%	23%	12%	1%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Big Rock Boat Rental	Brechin	Comox Mun	Discovery Marina South	French Ck	Kitty Coleman	Pacific Play	Painter's	Schooner
29 Aug 2020	Weekend									
30 Aug 2020	Weekend							calm/rippled		
31 Aug 2020	Midweek					calm/rippled				
01 Sep 2020	Midweek									calm/rippled
02 Sep 2020	Midweek			choppy						
03 Sep 2020	Midweek			calm/rippled				calm/rippled		
04 Sep 2020	Midweek									
05 Sep 2020	Weekend			choppy		choppy	calm/rippled			
06 Sep 2020	Weekend						calm/rippled			
07 Sep 2020	Weekend									
08 Sep 2020	Midweek									
09 Sep 2020	Midweek									
10 Sep 2020	Midweek	calm/rippled								
11 Sep 2020	Midweek						choppy			
12 Sep 2020	Weekend							calm/rippled		choppy
13 Sep 2020	Weekend				choppy					
14 Sep 2020	Midweek					choppy				
15 Sep 2020	Midweek					frequent whitecaps				
16 Sep 2020	Midweek									
17 Sep 2020	Midweek								choppy	
18 Sep 2020	Midweek							calm/rippled		
19 Sep 2020	Weekend		choppy					calm/rippled		choppy
20 Sep 2020	Weekend						choppy			
21 Sep 2020	Midweek									
22 Sep 2020	Midweek							calm/rippled		
23 Sep 2020	Midweek									
24 Sep 2020	Midweek									
25 Sep 2020	Midweek									
26 Sep 2020	Weekend					choppy				
27 Sep 2020	Weekend	calm/rippled								
28 Sep 2020	Midweek					choppy				
29 Sep 2020	Midweek					choppy	calm/rippled			
30 Sep 2020	Midweek									
01 Oct 2020	Midweek									
02 Oct 2020	Midweek						calm/rippled			
03 Oct 2020	Weekend			calm/rippled						