

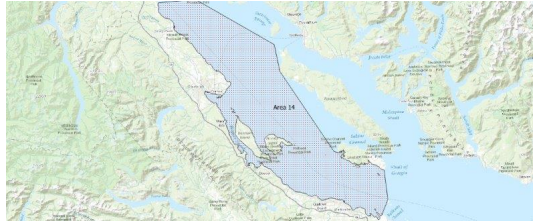
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 14 October 2020



*Prepared By:*

South Coast Salmon Stock Assessment Section

Friday 12<sup>th</sup> February, 2021



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	Comox Mun		French Ck		Kitty Coleman		Pacific Play PM
		AM	PM	AM	PM	AM	PM	
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						
04 Oct 2020	Weekend			5				
05 Oct 2020	Midweek	1						
06 Oct 2020	Midweek							
07 Oct 2020	Midweek	4						5
08 Oct 2020	Midweek				2			
09 Oct 2020	Midweek							
10 Oct 2020	Weekend				3			
11 Oct 2020	Weekend							
12 Oct 2020	Weekend							
13 Oct 2020	Midweek							
14 Oct 2020	Midweek							
15 Oct 2020	Midweek							
16 Oct 2020	Midweek		1					
17 Oct 2020	Weekend						4	
18 Oct 2020	Weekend		3					
19 Oct 2020	Midweek	1						
20 Oct 2020	Midweek							
21 Oct 2020	Midweek							
22 Oct 2020	Midweek				1			
23 Oct 2020	Midweek							
24 Oct 2020	Weekend							
25 Oct 2020	Weekend					1		
26 Oct 2020	Midweek							
27 Oct 2020	Midweek							
28 Oct 2020	Midweek							
29 Oct 2020	Midweek							
30 Oct 2020	Midweek							
31 Oct 2020	Weekend							
01 Nov 2020	Weekend							
02 Nov 2020	Midweek							
03 Nov 2020	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-Sep-2020	Monday	choppy	14	2						
29-Sep-2020	Tuesday	choppy	10		4					
30-Sep-2020	Wednesday		0							
01-Oct-2020	Thursday		1	3						
02-Oct-2020	Friday	calm/rippled	4	2	2					
03-Oct-2020	Saturday	calm/rippled	5	1						
04-Oct-2020	Sunday	calm/rippled	5					26	1358	83
05-Oct-2020	Monday	calm/rippled	2							
06-Oct-2020	Tuesday		0							
07-Oct-2020	Wednesday	calm/rippled	9		1					
08-Oct-2020	Thursday	choppy	2							
09-Oct-2020	Friday		0					0	1252	0
10-Oct-2020	Saturday	choppy	4		1					
11-Oct-2020	Sunday		0							
12-Oct-2020	Monday		0							
	(Thanksgiving)									
13-Oct-2020	Tuesday		0							
14-Oct-2020	Wednesday		0					13	1234	60
15-Oct-2020	Thursday		0							
16-Oct-2020	Friday	calm/rippled	1							
17-Oct-2020	Saturday	calm/rippled	5	1				17	1358	56
18-Oct-2020	Sunday	calm/rippled	4	2						
19-Oct-2020	Monday	calm/rippled	1							
20-Oct-2020	Tuesday		0							
21-Oct-2020	Wednesday		0							
22-Oct-2020	Thursday	calm/rippled	1					14	1239	65
23-Oct-2020	Friday		0							
24-Oct-2020	Saturday		1	1				8	1229	22
25-Oct-2020	Sunday	calm/rippled	2	3						
26-Oct-2020	Monday		0							
27-Oct-2020	Tuesday		0							
28-Oct-2020	Wednesday		0							
29-Oct-2020	Thursday		0							
30-Oct-2020	Friday		0							
31-Oct-2020	Saturday		1	2						
01-Nov-2020	Sunday		1	1						
02-Nov-2020	Monday		0							
03-Nov-2020	Tuesday		0							
	Totals	calm/rippled	21	5	3			9*		42*
	Totals	calm/rippled	27	10	1			17*		54*

\* 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	42	21	882	0.2380	0.1430			210	126		
Weekend	54	10	540	0.37	0.0370			200	20		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	October	152	4	3		
2018	October	720	264			
2019	October	548	104			0
2020	October	1003	56	40		0
5-Yr Avg	October	473	124	3		0

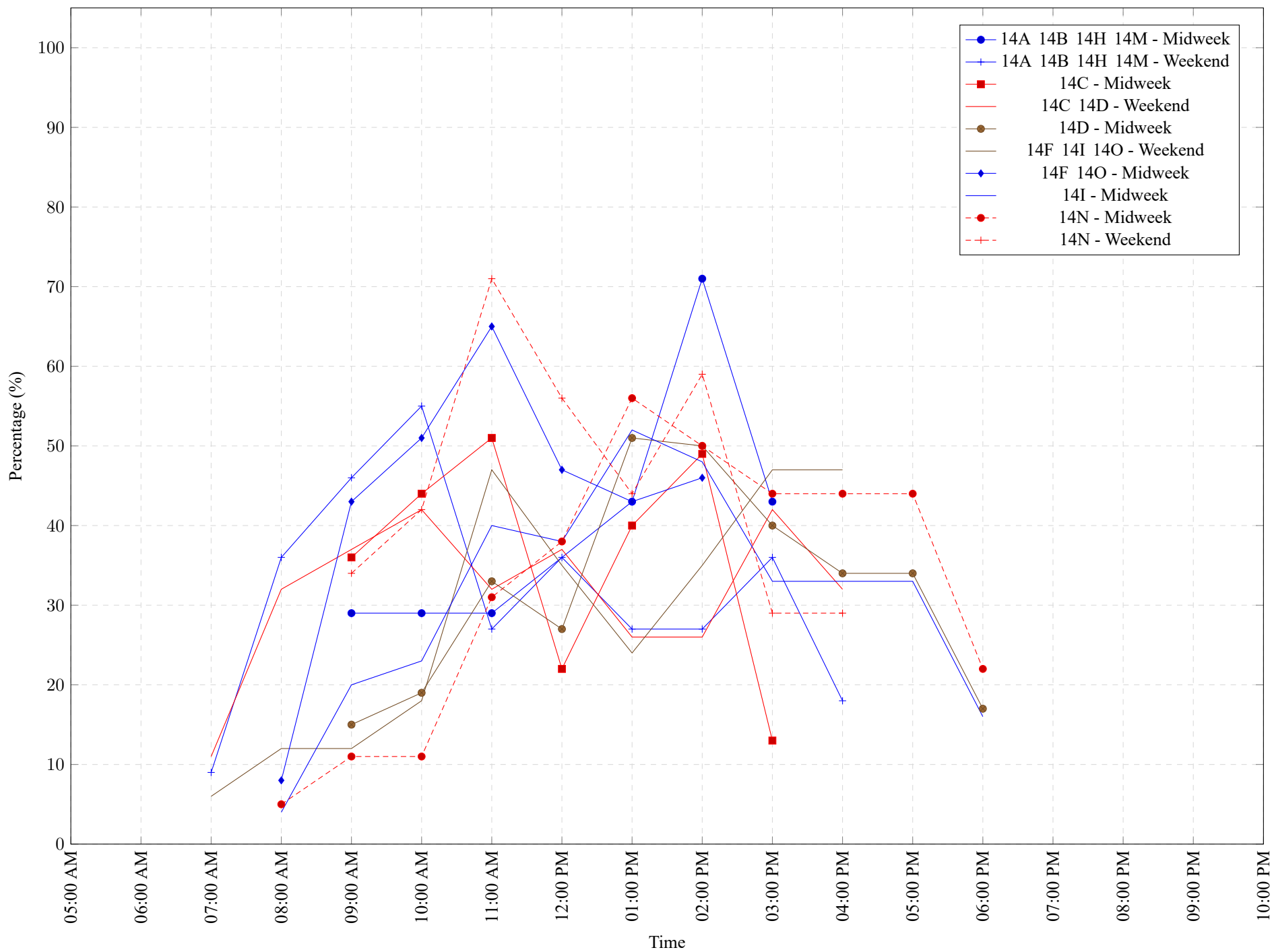
**Table 5: Sport Head Recovery Review.**

Species	Creel Marked Catch	Creel Mark Rate	Creel Submission Rate	iRec Marked Catch	iRec Mark Rate	iRec Submission Rate	Sport Head Recoveries
Coho	40	100%	63%	47	94%	53%	25
Chinook	0	0%		53	51%	2%	1

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	39	0%
iRec Anglers	1025	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 14H 14M				Midweek	0%	0%	0%	29%	29%	29%	0%	43%	71%	43%	0%	0%	0%	0%	0%	0%	0%
14A 14B 14H 14M				Weekend	0%	9%	36%	46%	55%	27%	36%	27%	27%	36%	18%	0%	0%	0%	0%	0%	0%
14C				Midweek	0%	0%	0%	36%	44%	51%	22%	40%	49%	13%	0%	0%	0%	0%	0%	0%	0%
14C 14D				Weekend	0%	11%	32%	37%	42%	32%	37%	26%	26%	42%	32%	0%	0%	0%	0%	0%	0%
14D				Midweek	0%	0%	0%	15%	19%	33%	27%	51%	50%	40%	34%	34%	17%	0%	0%	0%	0%
14F 14I 14O				Weekend	0%	6%	12%	12%	18%	47%	35%	24%	35%	47%	47%	0%	0%	0%	0%	0%	0%
14F 14O				Midweek	0%	0%	8%	43%	51%	65%	47%	43%	46%	0%	0%	0%	0%	0%	0%	0%	0%
14I				Midweek	0%	0%	4%	20%	23%	40%	38%	52%	48%	33%	33%	33%	16%	0%	0%	0%	0%
14N				Midweek	0%	0%	5%	11%	11%	31%	38%	56%	50%	44%	44%	44%	22%	0%	0%	0%	0%
14N				Weekend	0%	0%	0%	34%	42%	71%	56%	44%	59%	29%	29%	0%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Comox Mun	French Ck	Kitty Coleman	Pacific Play
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			
04 Oct 2020	Weekend		calm/rippled		
05 Oct 2020	Midweek	calm/rippled			
06 Oct 2020	Midweek				
07 Oct 2020	Midweek	calm/rippled			calm/rippled
08 Oct 2020	Midweek		choppy		
09 Oct 2020	Midweek				
10 Oct 2020	Weekend		choppy		
11 Oct 2020	Weekend				
12 Oct 2020	Weekend				
13 Oct 2020	Midweek				
14 Oct 2020	Midweek				
15 Oct 2020	Midweek				
16 Oct 2020	Midweek	calm/rippled			
17 Oct 2020	Weekend			calm/rippled	
18 Oct 2020	Weekend	calm/rippled			
19 Oct 2020	Midweek	calm/rippled			
20 Oct 2020	Midweek				
21 Oct 2020	Midweek				
22 Oct 2020	Midweek		calm/rippled		
23 Oct 2020	Midweek				
24 Oct 2020	Weekend				
25 Oct 2020	Weekend			calm/rippled	
26 Oct 2020	Midweek				
27 Oct 2020	Midweek				
28 Oct 2020	Midweek				
29 Oct 2020	Midweek				
30 Oct 2020	Midweek				
31 Oct 2020	Weekend				
01 Nov 2020	Weekend				
02 Nov 2020	Midweek				
03 Nov 2020	Midweek				