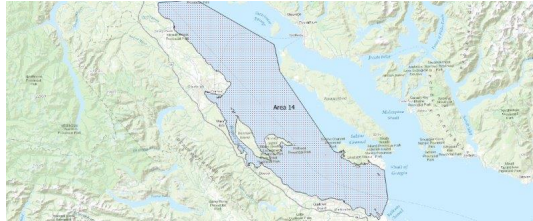


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 14 October 2019



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



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 PM	Kitty Coleman PM
		AM	PM		
28 Sep 2019	Weekend				
29 Sep 2019	Weekend			3	
30 Sep 2019	Midweek				
01 Oct 2019	Midweek				
02 Oct 2019	Midweek				
03 Oct 2019	Midweek				
04 Oct 2019	Midweek				
05 Oct 2019	Weekend				
06 Oct 2019	Weekend				
07 Oct 2019	Midweek				
08 Oct 2019	Midweek				
09 Oct 2019	Midweek				
10 Oct 2019	Midweek				5
11 Oct 2019	Midweek		3		
12 Oct 2019	Weekend			4	
13 Oct 2019	Weekend	1			
14 Oct 2019	Weekend		7		
15 Oct 2019	Midweek				
16 Oct 2019	Midweek				
17 Oct 2019	Midweek				
18 Oct 2019	Midweek				
19 Oct 2019	Weekend				1
20 Oct 2019	Weekend				
21 Oct 2019	Midweek				
22 Oct 2019	Midweek			1	
23 Oct 2019	Midweek				
24 Oct 2019	Midweek				
25 Oct 2019	Midweek				
26 Oct 2019	Weekend				
27 Oct 2019	Weekend				
28 Oct 2019	Midweek				
29 Oct 2019	Midweek				
30 Oct 2019	Midweek		5		
31 Oct 2019	Midweek				
01 Nov 2019	Midweek				
02 Nov 2019	Weekend				
03 Nov 2019	Weekend				

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-2019	Saturday	frequent whitecaps	1		1					
29-Sep-2019	Sunday		3					7	1305	14
30-Sep-2019	Monday		1	4	1					
01-Oct-2019	Tuesday		0							
02-Oct-2019	Wednesday		0							
03-Oct-2019	Thursday		0							
04-Oct-2019	Friday		0							
05-Oct-2019	Saturday		0							
06-Oct-2019	Sunday		0					6	1300	13
07-Oct-2019	Monday		0							
08-Oct-2019	Tuesday		0							
09-Oct-2019	Wednesday		0							
10-Oct-2019	Thursday	calm/rippled	5	1						
11-Oct-2019	Friday	calm/rippled	3					17	1259	44
12-Oct-2019	Saturday	choppy	4	1				20	1256	49
13-Oct-2019	Sunday	calm/rippled	1							
14-Oct-2019	Monday (Thanksgiving)	calm/rippled	7	3						
15-Oct-2019	Tuesday		0							
16-Oct-2019	Wednesday		0							
17-Oct-2019	Thursday		0					0	1258	0
18-Oct-2019	Friday		0							
19-Oct-2019	Saturday	choppy	1							
20-Oct-2019	Sunday		0					0	1325	0
21-Oct-2019	Monday		0							
22-Oct-2019	Tuesday	choppy	1							
23-Oct-2019	Wednesday		0							
24-Oct-2019	Thursday		0							
25-Oct-2019	Friday		0							
26-Oct-2019	Saturday		0							
27-Oct-2019	Sunday		0							
28-Oct-2019	Monday		0					10	1304	26
29-Oct-2019	Tuesday		0							
30-Oct-2019	Wednesday	calm/rippled	5	2						
31-Oct-2019	Thursday		0							
01-Nov-2019	Friday		0							
02-Nov-2019	Saturday		0							
03-Nov-2019	Sunday		0							
	Totals	calm/rippled	14	3				9*		23*
	Totals	choppy	13	4				9*		21*

* 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	23	22	506	0.2140				108			
Weekend	21	9	189	0.3080				58			

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	October	383	36	88		
2017	October	152	4	3		
2018	October	720	264			
2019	October	548	104			0
5-Yr Avg	October	418	101	46		

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		%			%		4
Chinook	10	10%	10%	0	0%		1

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	27	7%
iRec Anglers	493	13%
iRec Responses	10	0%

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

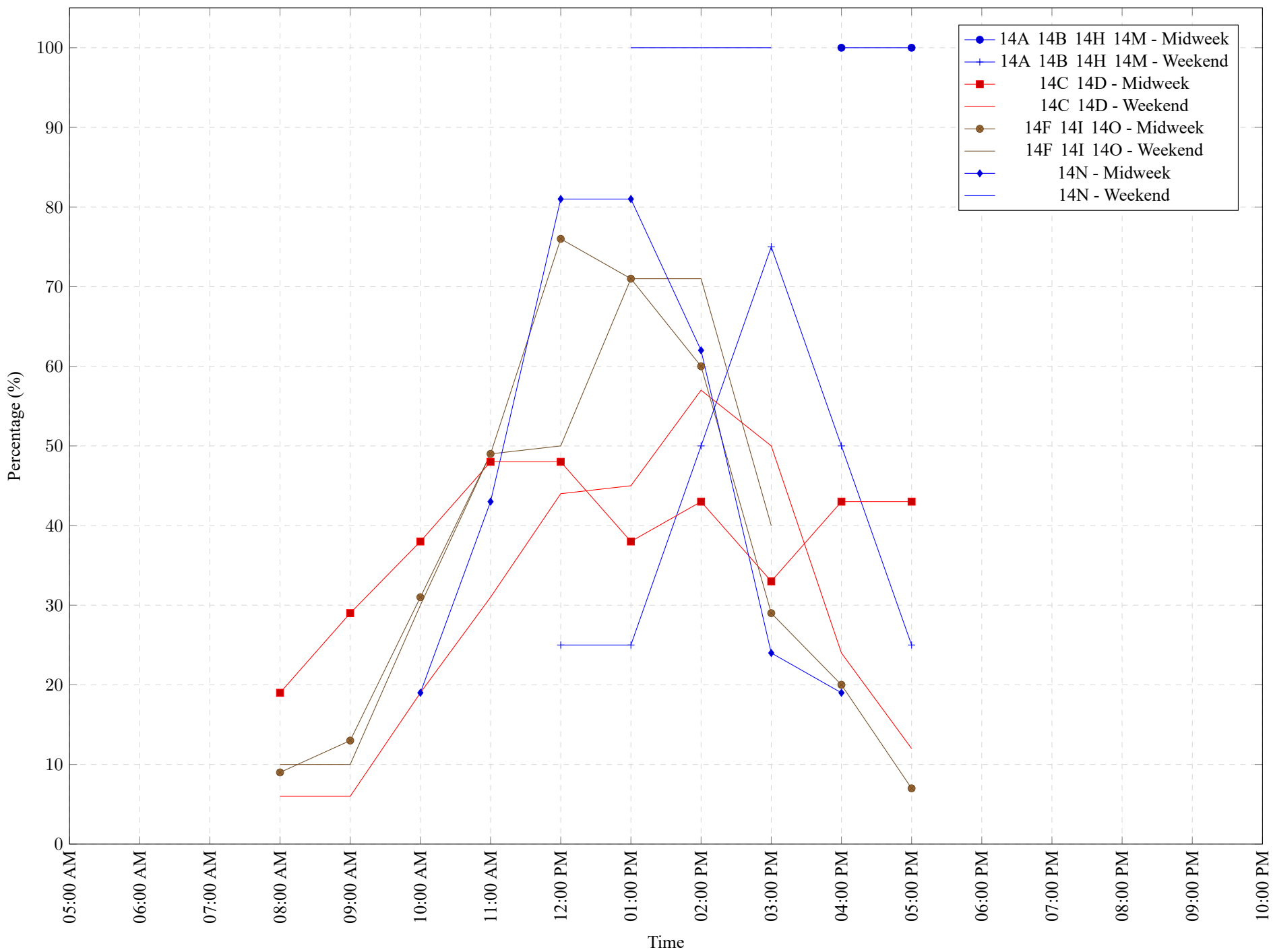


Table 7: Proportion of each day's fishing by hour.

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	14A 14B 14H 14M	14C 14D	14F 14I 14O	Midweek	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%
14A 14B 14H 14M				Weekend	0%	0%	0%	0%	0%	0%	25%	25%	50%	75%	50%	25%	0%	0%	0%	0%	0%
14C 14D	14C 14D	14F 14I 14O	14F 14I 14O	Midweek	0%	0%	19%	29%	38%	48%	48%	38%	43%	33%	43%	43%	0%	0%	0%	0%	0%
14C 14D				Weekend	0%	0%	6%	6%	19%	31%	44%	45%	57%	50%	24%	12%	0%	0%	0%	0%	0%
14F 14I 14O	14F 14I 14O	14N	14N	Midweek	0%	0%	9%	13%	31%	49%	76%	71%	60%	29%	20%	7%	0%	0%	0%	0%	0%
14F 14I 14O				Weekend	0%	0%	10%	10%	30%	49%	50%	71%	71%	40%	0%	0%	0%	0%	0%	0%	0%
14N	14N	14N	14N	Midweek	0%	0%	0%	0%	19%	43%	81%	81%	62%	24%	19%	0%	0%	0%	0%	0%	0%
14N				Weekend	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Comox Mun	French Ck	Kitty Coleman
28 Sep 2019	Weekend			
29 Sep 2019	Weekend		frequent whitecaps	
30 Sep 2019	Midweek			
01 Oct 2019	Midweek			
02 Oct 2019	Midweek			
03 Oct 2019	Midweek			
04 Oct 2019	Midweek			
05 Oct 2019	Weekend			
06 Oct 2019	Weekend			
07 Oct 2019	Midweek			
08 Oct 2019	Midweek			
09 Oct 2019	Midweek			
10 Oct 2019	Midweek			calm/rippled
11 Oct 2019	Midweek	calm/rippled		
12 Oct 2019	Weekend		choppy	
13 Oct 2019	Weekend	calm/rippled		
14 Oct 2019	Weekend	calm/rippled		
15 Oct 2019	Midweek			
16 Oct 2019	Midweek			
17 Oct 2019	Midweek			
18 Oct 2019	Midweek			
19 Oct 2019	Weekend			choppy
20 Oct 2019	Weekend			
21 Oct 2019	Midweek			
22 Oct 2019	Midweek		choppy	
23 Oct 2019	Midweek			
24 Oct 2019	Midweek			
25 Oct 2019	Midweek			
26 Oct 2019	Weekend			
27 Oct 2019	Weekend			
28 Oct 2019	Midweek			
29 Oct 2019	Midweek			
30 Oct 2019	Midweek	calm/rippled		
31 Oct 2019	Midweek			
01 Nov 2019	Midweek			
02 Nov 2019	Weekend			
03 Nov 2019	Weekend			