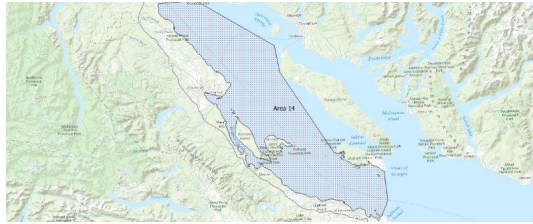


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 14 May 2019



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



Fisheries and Oceans
Canada

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Canada



Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

Date	Day Type	Comox Mun		French Ck		Kitty Coleman	Schooner
		AM	PM	AM	PM	AM	PM
28 Apr 2019	Weekend						
29 Apr 2019	Midweek						
30 Apr 2019	Midweek						
01 May 2019	Midweek				7		
02 May 2019	Midweek						
03 May 2019	Midweek						
04 May 2019	Weekend						
05 May 2019	Weekend						
06 May 2019	Midweek						
07 May 2019	Midweek						
08 May 2019	Midweek						
09 May 2019	Midweek						
10 May 2019	Midweek			4			
11 May 2019	Weekend						
12 May 2019	Weekend			7			
13 May 2019	Midweek						
14 May 2019	Midweek						
15 May 2019	Midweek						
16 May 2019	Midweek						
17 May 2019	Midweek	2					
18 May 2019	Weekend						
19 May 2019	Weekend					2	
20 May 2019	Weekend						
21 May 2019	Midweek						
22 May 2019	Midweek						
23 May 2019	Midweek						
24 May 2019	Midweek						
25 May 2019	Weekend		4				
26 May 2019	Weekend				15		
27 May 2019	Midweek						
28 May 2019	Midweek						
29 May 2019	Midweek						
30 May 2019	Midweek						
31 May 2019	Midweek						
01 Jun 2019	Weekend						
02 Jun 2019	Weekend						1
03 Jun 2019	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-Apr-2019	Sunday		0							
29-Apr-2019	Monday		0							
30-Apr-2019	Tuesday		0							
01-May-2019	Wednesday	calm/rippled	7							
02-May-2019	Thursday		0							
03-May-2019	Friday		0							
04-May-2019	Saturday		0							
05-May-2019	Sunday		0					8	1220	15
06-May-2019	Monday		0							
07-May-2019	Tuesday		0							
08-May-2019	Wednesday		0							
09-May-2019	Thursday		0							
10-May-2019	Friday	choppy	5							
11-May-2019	Saturday		1							
12-May-2019	Sunday	calm/rippled	9	2				28	1205	56
13-May-2019	Monday		0							
14-May-2019	Tuesday		0							
15-May-2019	Wednesday		1					10	1206	26
16-May-2019	Thursday		0							
17-May-2019	Friday	frequent whitecaps	2							
18-May-2019	Saturday		1	2						
19-May-2019	Sunday	calm/rippled	3							
20-May-2019	Monday (Victoria Day)		0							
21-May-2019	Tuesday		0							
22-May-2019	Wednesday		0					6	1152	17
23-May-2019	Thursday		0							
24-May-2019	Friday		0							
25-May-2019	Saturday	calm/rippled	4							
26-May-2019	Sunday	calm/rippled	15					39	1049	89
27-May-2019	Monday		1							
28-May-2019	Tuesday		0					4	1153	11
29-May-2019	Wednesday		1							
30-May-2019	Thursday		1							
31-May-2019	Friday		0							
01-Jun-2019	Saturday		1					25	1114	54
02-Jun-2019	Sunday	choppy	1							
03-Jun-2019	Monday		1							
	Totals	choppy	18					7*		18*
	Totals	calm/rippled	33	4				25*		53*

* 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	18	22	396								
Weekend	53	9	477	0.1210				58			

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	May	1823	943			
2015	May	2765	2462	61		
2016	May	3169	1328	93		
2017	May	2503	1728	8		
2018	May	2263	3334	23		
2019	May	747	4	0		0
5-Yr Avg	May	2505	1959	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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	51	3%
iRec Anglers	1494	18%
iRec Responses	59	8%

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

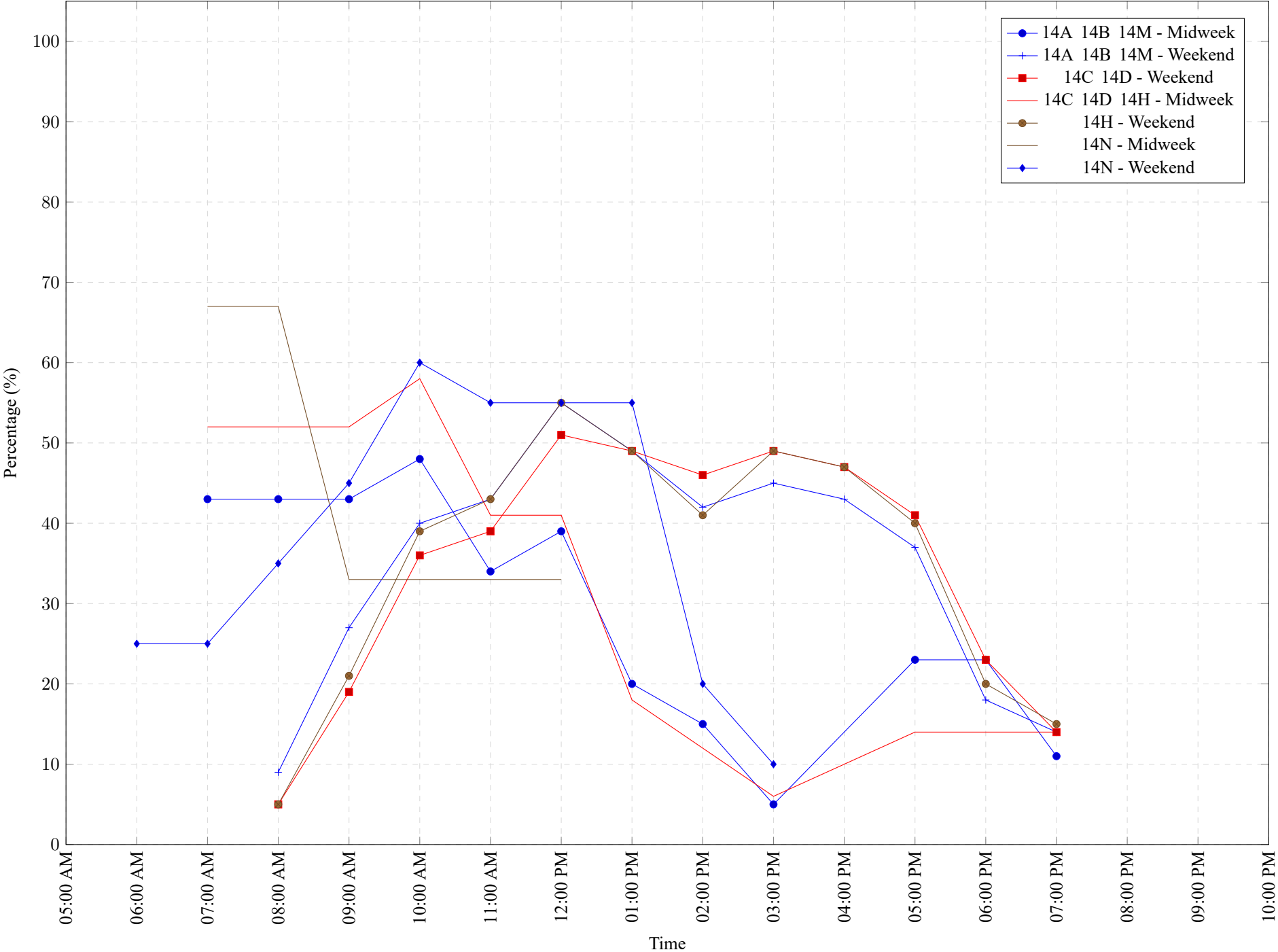


Table 7: Proportion of each day's fishing by hour.

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 14M			Midweek	0%	43%	43%	43%	48%	34%	39%	20%	15%	5%	0%	23%	23%	11%	0%	0%	0%
14A 14B 14M			Weekend	0%	0%	9%	27%	40%	43%	55%	49%	42%	45%	43%	37%	18%	14%	0%	0%	0%
14C 14D			Weekend	0%	0%	5%	19%	36%	39%	51%	49%	46%	49%	47%	41%	23%	14%	0%	0%	0%
14C 14D 14H			Midweek	0%	52%	52%	52%	58%	41%	41%	18%	12%	6%	0%	14%	14%	14%	0%	0%	0%
14H			Weekend	0%	0%	5%	21%	39%	43%	55%	49%	41%	49%	47%	40%	20%	15%	0%	0%	0%
14N			Midweek	0%	67%	67%	33%	33%	33%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
14N			Weekend	25%	25%	35%	45%	60%	55%	55%	55%	20%	10%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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