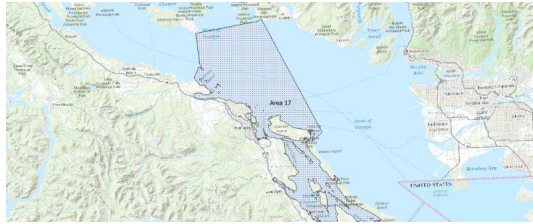


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 17 May 2019



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

Date	Day Type	Brechtin		Crofton Ramp PM	Ladysmith		Schooner	
		AM	PM		AM	PM	AM	PM
28 Apr 2019	Weekend							
29 Apr 2019	Midweek							
30 Apr 2019	Midweek							
01 May 2019	Midweek							
02 May 2019	Midweek							
03 May 2019	Midweek							
04 May 2019	Weekend					10		
05 May 2019	Weekend						1	
06 May 2019	Midweek							
07 May 2019	Midweek							
08 May 2019	Midweek					7		
09 May 2019	Midweek							
10 May 2019	Midweek							
11 May 2019	Weekend							
12 May 2019	Weekend			8				
13 May 2019	Midweek							
14 May 2019	Midweek							
15 May 2019	Midweek					5		
16 May 2019	Midweek							
17 May 2019	Midweek							
18 May 2019	Weekend					8		
19 May 2019	Weekend		34		4			
20 May 2019	Weekend							
21 May 2019	Midweek							
22 May 2019	Midweek							
23 May 2019	Midweek							
24 May 2019	Midweek							
25 May 2019	Weekend							
26 May 2019	Weekend							2
27 May 2019	Midweek							
28 May 2019	Midweek							
29 May 2019	Midweek			2				
30 May 2019	Midweek							3
31 May 2019	Midweek	4						
01 Jun 2019	Weekend							
02 Jun 2019	Weekend							2
03 Jun 2019	Midweek		9					

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		1							
29-Apr-2019	Monday		0							
30-Apr-2019	Tuesday		0							
01-May-2019	Wednesday		0							
02-May-2019	Thursday		1							
03-May-2019	Friday		1							
04-May-2019	Saturday	choppy	10					17	1157	42
05-May-2019	Sunday	choppy	2							
06-May-2019	Monday		0							
07-May-2019	Tuesday		0							
08-May-2019	Wednesday	calm/rippled	7							
09-May-2019	Thursday		1							
10-May-2019	Friday		0							
11-May-2019	Saturday		1					29	1142	75
12-May-2019	Sunday	calm/rippled	8							
13-May-2019	Monday		0							
14-May-2019	Tuesday		0							
15-May-2019	Wednesday	calm/rippled	5							
16-May-2019	Thursday		0							
17-May-2019	Friday		1							
18-May-2019	Saturday	calm/rippled	8							
19-May-2019	Sunday	choppy	38							
20-May-2019	Monday (Victoria Day)		0							
21-May-2019	Tuesday		0							
22-May-2019	Wednesday		0					2	1142	5
23-May-2019	Thursday		0					0	1212	0
24-May-2019	Friday		0							
25-May-2019	Saturday		1							
26-May-2019	Sunday	calm/rippled	3							
27-May-2019	Monday		3					28	1145	61
28-May-2019	Tuesday		1							
29-May-2019	Wednesday	calm/rippled	3							
30-May-2019	Thursday	calm/rippled	5							
31-May-2019	Friday	choppy	7							
01-Jun-2019	Saturday		3							
02-Jun-2019	Sunday	choppy	4		3			31	1210	71
03-Jun-2019	Monday	choppy	10		1					
	Totals	calm/rippled	35					10*		22*
	Totals	choppy	71					23*		59*

* 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
Weekend	59	9	531								
Midweek	22	22	484								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	May	4275	4141			
2015	May	6041	3939			
2016	May	4634	3143			
2017	May	3093	1485			
2018	May	3935	5014	27		
2019	May	1009	0	0		0
5-Yr Avg	May	4396	3544	27		

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	106	2%
iRec Anglers	2468	5%
iRec Responses	87	3%

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

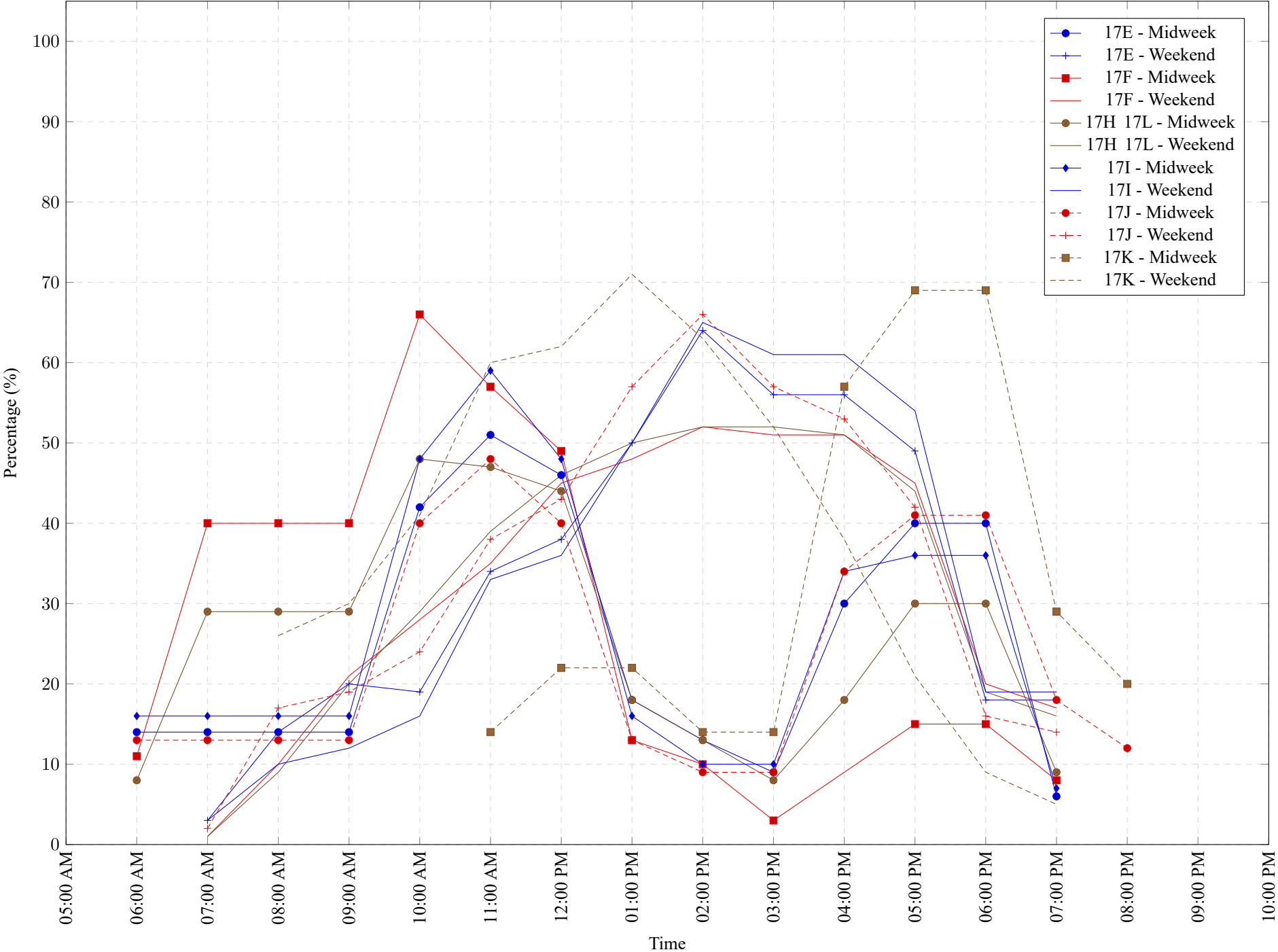


Table 7: Proportion of each day's fishing by hour.

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
17E	Midweek	14%	14%	14%	14%	42%	51%	46%	18%	13%	9%	30%	40%	40%	6%	0%	0%	0%
17E	Weekend	0%	3%	14%	20%	19%	34%	38%	50%	64%	56%	56%	49%	18%	18%	0%	0%	0%
17F	Midweek	11%	40%	40%	40%	66%	57%	49%	13%	10%	3%	0%	15%	15%	8%	0%	0%	0%
17F	Weekend	0%	1%	10%	21%	28%	35%	45%	48%	52%	51%	51%	45%	20%	17%	0%	0%	0%
17H 17L	Midweek	8%	29%	29%	29%	48%	47%	44%	18%	13%	8%	18%	30%	30%	9%	0%	0%	0%
17H 17L	Weekend	0%	1%	9%	20%	29%	39%	46%	50%	52%	52%	51%	44%	19%	16%	0%	0%	0%
17I	Midweek	16%	16%	16%	16%	48%	59%	48%	16%	10%	10%	34%	36%	36%	7%	0%	0%	0%
17I	Weekend	0%	3%	10%	12%	16%	33%	36%	50%	65%	61%	61%	54%	19%	19%	0%	0%	0%
17J	Midweek	13%	13%	13%	13%	40%	48%	40%	13%	9%	9%	34%	41%	41%	18%	12%	0%	0%
17J	Weekend	0%	2%	17%	19%	24%	38%	43%	57%	66%	57%	53%	42%	16%	14%	0%	0%	0%
17K	Midweek	0%	0%	0%	0%	0%	14%	22%	22%	14%	14%	57%	69%	69%	29%	20%	0%	0%
17K	Weekend	0%	0%	26%	30%	41%	60%	62%	71%	63%	52%	38%	21%	9%	5%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Brechin	Crofton Ramp	Ladysmith	Schooner
28 Apr 2019	Weekend				
29 Apr 2019	Midweek				
30 Apr 2019	Midweek				
01 May 2019	Midweek				
02 May 2019	Midweek				
03 May 2019	Midweek				
04 May 2019	Weekend			choppy	
05 May 2019	Weekend				choppy
06 May 2019	Midweek				
07 May 2019	Midweek				
08 May 2019	Midweek			calm/rippled	
09 May 2019	Midweek				
10 May 2019	Midweek				
11 May 2019	Weekend				
12 May 2019	Weekend		calm/rippled		
13 May 2019	Midweek				
14 May 2019	Midweek				
15 May 2019	Midweek			calm/rippled	
16 May 2019	Midweek				
17 May 2019	Midweek				
18 May 2019	Weekend			calm/rippled	
19 May 2019	Weekend	choppy		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				
26 May 2019	Weekend				calm/rippled
27 May 2019	Midweek				
28 May 2019	Midweek				
29 May 2019	Midweek		calm/rippled		
30 May 2019	Midweek				calm/rippled
31 May 2019	Midweek	choppy			
01 Jun 2019	Weekend				
02 Jun 2019	Weekend				choppy
03 Jun 2019	Midweek	choppy			