

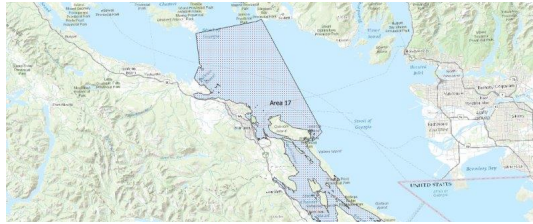
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 17 April 2023



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Wednesday 7<sup>th</sup> February, 2024



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	Breachin		Crofton Ramp		French Ck	Ladysmith	
		AM	PM	AM	PM	PM	AM	PM
29 Mar 2023	Midweek							
30 Mar 2023	Midweek							
31 Mar 2023	Midweek							
01 Apr 2023	Weekend	6		2				
02 Apr 2023	Weekend						6	
03 Apr 2023	Midweek							
04 Apr 2023	Midweek						3	
05 Apr 2023	Midweek							
06 Apr 2023	Midweek							
07 Apr 2023	Weekend							
08 Apr 2023	Weekend							
09 Apr 2023	Weekend							
10 Apr 2023	Midweek							4
11 Apr 2023	Midweek							
12 Apr 2023	Midweek							
13 Apr 2023	Midweek					1		
14 Apr 2023	Midweek							
15 Apr 2023	Weekend	1			1			
16 Apr 2023	Weekend							1
17 Apr 2023	Midweek							
18 Apr 2023	Midweek							
19 Apr 2023	Midweek				4			
20 Apr 2023	Midweek							
21 Apr 2023	Midweek							
22 Apr 2023	Weekend						2	
23 Apr 2023	Weekend				5			
24 Apr 2023	Midweek		12					
25 Apr 2023	Midweek							2
26 Apr 2023	Midweek							
27 Apr 2023	Midweek							
28 Apr 2023	Midweek							
29 Apr 2023	Weekend							
30 Apr 2023	Weekend							
01 May 2023	Midweek				7			
02 May 2023	Midweek							
03 May 2023	Midweek							11

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-Mar-2023	Wednesday		0							
30-Mar-2023	Thursday		3							
31-Mar-2023	Friday		0							
01-Apr-2023	Saturday	choppy	8							
02-Apr-2023	Sunday	choppy	6					11	1147	19
03-Apr-2023	Monday		0							
04-Apr-2023	Tuesday	frequent whitecaps	3							
05-Apr-2023	Wednesday		0					2	1124	6
06-Apr-2023	Thursday		0							
07-Apr-2023	Friday (Good Friday)		0					19	1112	33
08-Apr-2023	Saturday		0							
09-Apr-2023	Sunday		0							
10-Apr-2023	Monday	choppy	4	4						
11-Apr-2023	Tuesday		0							
12-Apr-2023	Wednesday		0							
13-Apr-2023	Thursday	choppy	1							
14-Apr-2023	Friday		0					16	1128	44
15-Apr-2023	Saturday	choppy	2							
16-Apr-2023	Sunday	frequent whitecaps	1							
17-Apr-2023	Monday		0							
18-Apr-2023	Tuesday		0							
19-Apr-2023	Wednesday	choppy	4							
20-Apr-2023	Thursday		0							
21-Apr-2023	Friday		0					2	1131	6
22-Apr-2023	Saturday	choppy	2							
23-Apr-2023	Sunday	calm/rippled	5							
24-Apr-2023	Monday	calm/rippled	12							
25-Apr-2023	Tuesday	calm/rippled	2							
26-Apr-2023	Wednesday		0							
27-Apr-2023	Thursday		0							
28-Apr-2023	Friday		0							
29-Apr-2023	Saturday		0					23	1210	37
30-Apr-2023	Sunday		0							
01-May-2023	Monday	calm/rippled	7							
02-May-2023	Tuesday		0							
03-May-2023	Wednesday	calm/rippled	12							
	Totals	choppy	26	4				7*		19*
	Totals	choppy	24					18*		30*

\* 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	19	19	361	0.154				56			
Weekend	30	11	330								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2021	April	901	0			0
2022	April	698	22	0		0
2023	April	648	0			0
5-Yr Avg	April	800	11	0		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
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**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	50	0%
iRec Anglers	224	21%

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

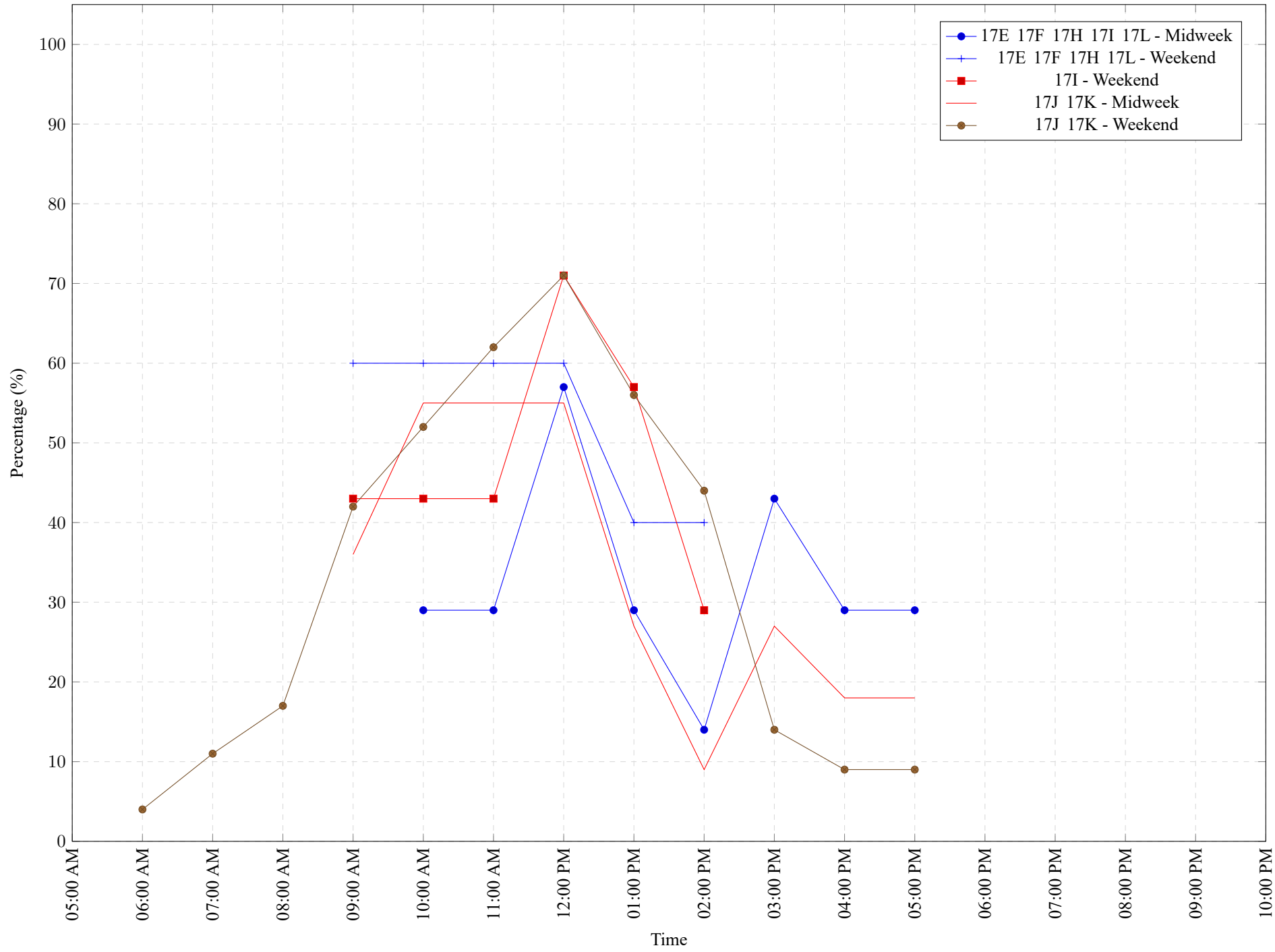


Table 7: Proportion of each day's fishing by hour.

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	17F	17H	17I	17L	Midweek	0%	0%	0%	0%	29%	29%	57%	29%	14%	43%	29%	29%	0%	0%	0%	0%	0%
17E	17F	17H	17L		Weekend	0%	0%	0%	60%	60%	60%	60%	40%	40%	0%	0%	0%	0%	0%	0%	0%	0%
			17I		Weekend	0%	0%	0%	43%	43%	43%	71%	57%	29%	0%	0%	0%	0%	0%	0%	0%	0%
			17J	17K	Midweek	0%	0%	0%	36%	55%	55%	55%	27%	9%	27%	18%	18%	0%	0%	0%	0%	0%
			17J	17K	Weekend	4%	11%	17%	42%	52%	62%	71%	56%	44%	14%	9%	9%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Brechin	Crofton Ramp	French Ck	Ladysmith
29 Mar 2023	Midweek				
30 Mar 2023	Midweek				
31 Mar 2023	Midweek				
01 Apr 2023	Weekend	choppy	calm/rippled		
02 Apr 2023	Weekend				choppy
03 Apr 2023	Midweek				
04 Apr 2023	Midweek				frequent whitecaps
05 Apr 2023	Midweek				
06 Apr 2023	Midweek				
07 Apr 2023	Weekend				
08 Apr 2023	Weekend				
09 Apr 2023	Weekend				
10 Apr 2023	Midweek				choppy
11 Apr 2023	Midweek				
12 Apr 2023	Midweek				
13 Apr 2023	Midweek			choppy	
14 Apr 2023	Midweek				
15 Apr 2023	Weekend	frequent whitecaps	calm/rippled		
16 Apr 2023	Weekend				frequent whitecaps
17 Apr 2023	Midweek				
18 Apr 2023	Midweek				
19 Apr 2023	Midweek		choppy		
20 Apr 2023	Midweek				
21 Apr 2023	Midweek				
22 Apr 2023	Weekend				choppy
23 Apr 2023	Weekend		calm/rippled		
24 Apr 2023	Midweek	calm/rippled			
25 Apr 2023	Midweek				calm/rippled
26 Apr 2023	Midweek				
27 Apr 2023	Midweek				
28 Apr 2023	Midweek				
29 Apr 2023	Weekend				
30 Apr 2023	Weekend				
01 May 2023	Midweek		calm/rippled		
02 May 2023	Midweek				
03 May 2023	Midweek				calm/rippled