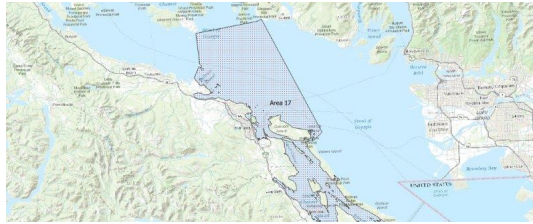


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 17 April 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 12th June, 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	Brechin AM	Cooper's Green PM	Lady- smith PM	Schooner AM
29 Mar 2024	Weekend				
30 Mar 2024	Weekend				
31 Mar 2024	Weekend				
01 Apr 2024	Midweek				
02 Apr 2024	Midweek				
03 Apr 2024	Midweek				
04 Apr 2024	Midweek				
05 Apr 2024	Midweek				
06 Apr 2024	Weekend		1		
07 Apr 2024	Weekend				
08 Apr 2024	Midweek				
09 Apr 2024	Midweek				
10 Apr 2024	Midweek				
11 Apr 2024	Midweek				
12 Apr 2024	Midweek				
13 Apr 2024	Weekend				
14 Apr 2024	Weekend				
15 Apr 2024	Midweek				
16 Apr 2024	Midweek				
17 Apr 2024	Midweek				
18 Apr 2024	Midweek				
19 Apr 2024	Midweek				
20 Apr 2024	Weekend				
21 Apr 2024	Weekend				
22 Apr 2024	Midweek				
23 Apr 2024	Midweek				
24 Apr 2024	Midweek				
25 Apr 2024	Midweek				
26 Apr 2024	Midweek				
27 Apr 2024	Weekend	4			
28 Apr 2024	Weekend				
29 Apr 2024	Midweek				1
30 Apr 2024	Midweek			7	
01 May 2024	Midweek				
02 May 2024	Midweek				
03 May 2024	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
29-Mar-2024	Friday (Good Friday)		1							
30-Mar-2024	Saturday		0							
31-Mar-2024	Sunday		0							
01-Apr-2024	Monday		0					29	1308	173
02-Apr-2024	Tuesday		0							
03-Apr-2024	Wednesday		0							
04-Apr-2024	Thursday		0							
05-Apr-2024	Friday		0							
06-Apr-2024	Saturday	choppy	1							
07-Apr-2024	Sunday		0					21	1251	59
08-Apr-2024	Monday		0							
09-Apr-2024	Tuesday		0					12	1246	72
10-Apr-2024	Wednesday		0							
11-Apr-2024	Thursday		0							
12-Apr-2024	Friday		0							
13-Apr-2024	Saturday		0					4	1235	12
14-Apr-2024	Sunday		0							
15-Apr-2024	Monday		0							
16-Apr-2024	Tuesday		0							
17-Apr-2024	Wednesday		0					6	1240	35
18-Apr-2024	Thursday		0							
19-Apr-2024	Friday		0							
20-Apr-2024	Saturday		0							
21-Apr-2024	Sunday		0					24	1248	60
22-Apr-2024	Monday		0							
23-Apr-2024	Tuesday		0					14	1237	77
24-Apr-2024	Wednesday		0							
25-Apr-2024	Thursday		0							
26-Apr-2024	Friday		0							
27-Apr-2024	Saturday	choppy	4					7	1239	18
28-Apr-2024	Sunday		0							
29-Apr-2024	Monday	choppy	1							
30-Apr-2024	Tuesday	choppy	7							
01-May-2024	Wednesday		0							
02-May-2024	Thursday		0					2	1201	8
03-May-2024	Friday		0							
	Totals	choppy	8					15*		89*
	Totals	choppy	5					14*		37*

* 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	37	8	296								
Midweek	89	22	1958								

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
2024	April	2205	0			0
5-Yr Avg	April	749	7	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	13	0%
iRec Anglers	486	15%

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

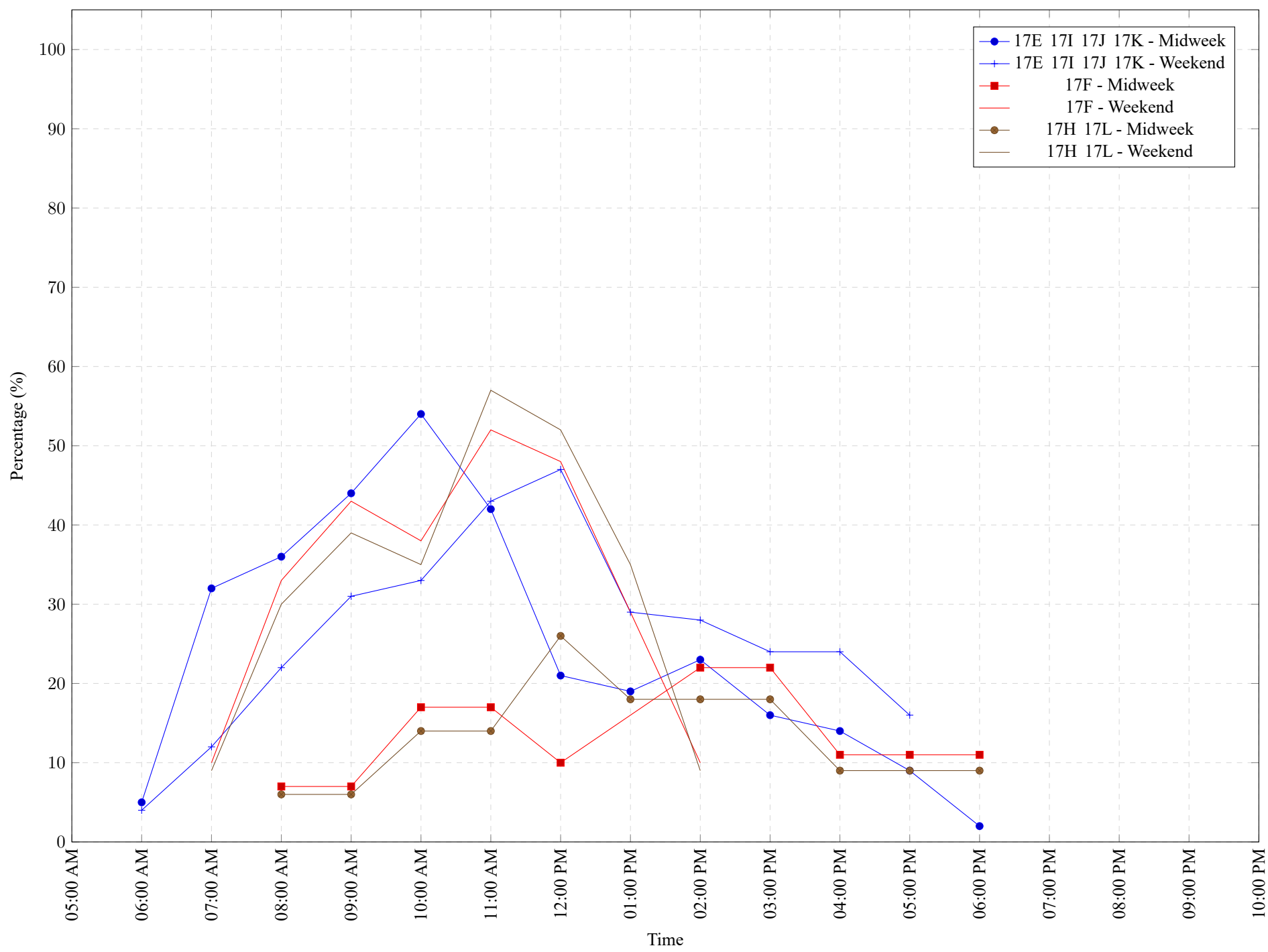


Table 7: Proportion of each day's fishing by hour.

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 17I 17J 17K		Midweek	5%	32%	36%	44%	54%	42%	21%	19%	23%	16%	14%	9%	2%	0%	0%	0%	0%
17E 17I 17J 17K		Weekend	4%	12%	22%	31%	33%	43%	47%	29%	28%	24%	24%	16%	0%	0%	0%	0%	0%
17F		Midweek	0%	0%	7%	7%	17%	17%	10%	0%	22%	22%	11%	11%	11%	0%	0%	0%	0%
17F		Weekend	0%	10%	33%	43%	38%	52%	48%	29%	10%	0%	0%	0%	0%	0%	0%	0%	0%
17H 17L		Midweek	0%	0%	6%	6%	14%	14%	26%	18%	18%	18%	9%	9%	9%	0%	0%	0%	0%
17H 17L		Weekend	0%	9%	30%	39%	35%	57%	52%	35%	9%	0%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Brechin	Cooper's Green	Ladysmith	Schooner
29 Mar 2024	Weekend				
30 Mar 2024	Weekend				
31 Mar 2024	Weekend				
01 Apr 2024	Midweek				
02 Apr 2024	Midweek				
03 Apr 2024	Midweek				
04 Apr 2024	Midweek				
05 Apr 2024	Midweek				
06 Apr 2024	Weekend		choppy		
07 Apr 2024	Weekend				
08 Apr 2024	Midweek				
09 Apr 2024	Midweek				
10 Apr 2024	Midweek				
11 Apr 2024	Midweek				
12 Apr 2024	Midweek				
13 Apr 2024	Weekend				
14 Apr 2024	Weekend				
15 Apr 2024	Midweek				
16 Apr 2024	Midweek				
17 Apr 2024	Midweek				
18 Apr 2024	Midweek				
19 Apr 2024	Midweek				
20 Apr 2024	Weekend				
21 Apr 2024	Weekend				
22 Apr 2024	Midweek				
23 Apr 2024	Midweek				
24 Apr 2024	Midweek				
25 Apr 2024	Midweek				
26 Apr 2024	Midweek				
27 Apr 2024	Weekend	choppy			
28 Apr 2024	Weekend				
29 Apr 2024	Midweek				choppy
30 Apr 2024	Midweek			choppy	
01 May 2024	Midweek				
02 May 2024	Midweek				
03 May 2024	Midweek				