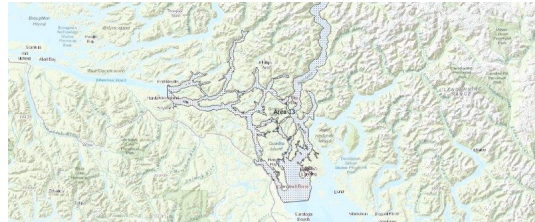


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 13 April 2023



Prepared By:
South Coast Salmon Stock Assessment Section

Wednesday 7th 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	Big Rock Boat Rental		Discovery Marina South AM
		AM	PM	
29 Mar 2023	Midweek			
30 Mar 2023	Midweek			
31 Mar 2023	Midweek			
01 Apr 2023	Weekend			
02 Apr 2023	Weekend		7	
03 Apr 2023	Midweek			
04 Apr 2023	Midweek		15	
05 Apr 2023	Midweek			
06 Apr 2023	Midweek			
07 Apr 2023	Weekend			
08 Apr 2023	Weekend			
09 Apr 2023	Weekend			
10 Apr 2023	Midweek		3	
11 Apr 2023	Midweek			
12 Apr 2023	Midweek			
13 Apr 2023	Midweek			
14 Apr 2023	Midweek			
15 Apr 2023	Weekend			
16 Apr 2023	Weekend			
17 Apr 2023	Midweek			
18 Apr 2023	Midweek			
19 Apr 2023	Midweek			
20 Apr 2023	Midweek			
21 Apr 2023	Midweek			
22 Apr 2023	Weekend			
23 Apr 2023	Weekend			
24 Apr 2023	Midweek			
25 Apr 2023	Midweek			
26 Apr 2023	Midweek			
27 Apr 2023	Midweek			
28 Apr 2023	Midweek			
29 Apr 2023	Weekend			
30 Apr 2023	Weekend			
01 May 2023	Midweek			
02 May 2023	Midweek			
03 May 2023	Midweek	12		4

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		2	4						
30-Mar-2023	Thursday		2							
31-Mar-2023	Friday		0							
01-Apr-2023	Saturday		0					7	1117	9
02-Apr-2023	Sunday	choppy	7							
03-Apr-2023	Monday		0							
04-Apr-2023	Tuesday	choppy	15							
05-Apr-2023	Wednesday		0							
06-Apr-2023	Thursday		0							
07-Apr-2023	Friday (Good Friday)		0					6	1117	11
08-Apr-2023	Saturday		0							
09-Apr-2023	Sunday		0							
10-Apr-2023	Monday	frequent whitecaps	3							
11-Apr-2023	Tuesday		0							
12-Apr-2023	Wednesday		0							
13-Apr-2023	Thursday		0							
14-Apr-2023	Friday		0					4	1116	11
15-Apr-2023	Saturday		0							
16-Apr-2023	Sunday		0							
17-Apr-2023	Monday		0							
18-Apr-2023	Tuesday		0							
19-Apr-2023	Wednesday		0							
20-Apr-2023	Thursday		0							
21-Apr-2023	Friday		0							
22-Apr-2023	Saturday		0							
23-Apr-2023	Sunday		0					1	1122	2
24-Apr-2023	Monday		0					4	1131	6
25-Apr-2023	Tuesday		1							
26-Apr-2023	Wednesday		0							
27-Apr-2023	Thursday		0					2	1123	5
28-Apr-2023	Friday		0							
29-Apr-2023	Saturday		0							
30-Apr-2023	Sunday		0							
01-May-2023	Monday		2	1						
02-May-2023	Tuesday		0							
03-May-2023	Wednesday	calm/rippled	16							
	Totals	frequent whitecaps	19					3*		7*
	Totals	choppy	7					5*		7*

* 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	7	11	77								
Midweek	7	19	133								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2022	April	267	25			0
2023	April	270	0			0
5-Yr Avg	April	267	25			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	26	0%
iRec Anglers	166	7%

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

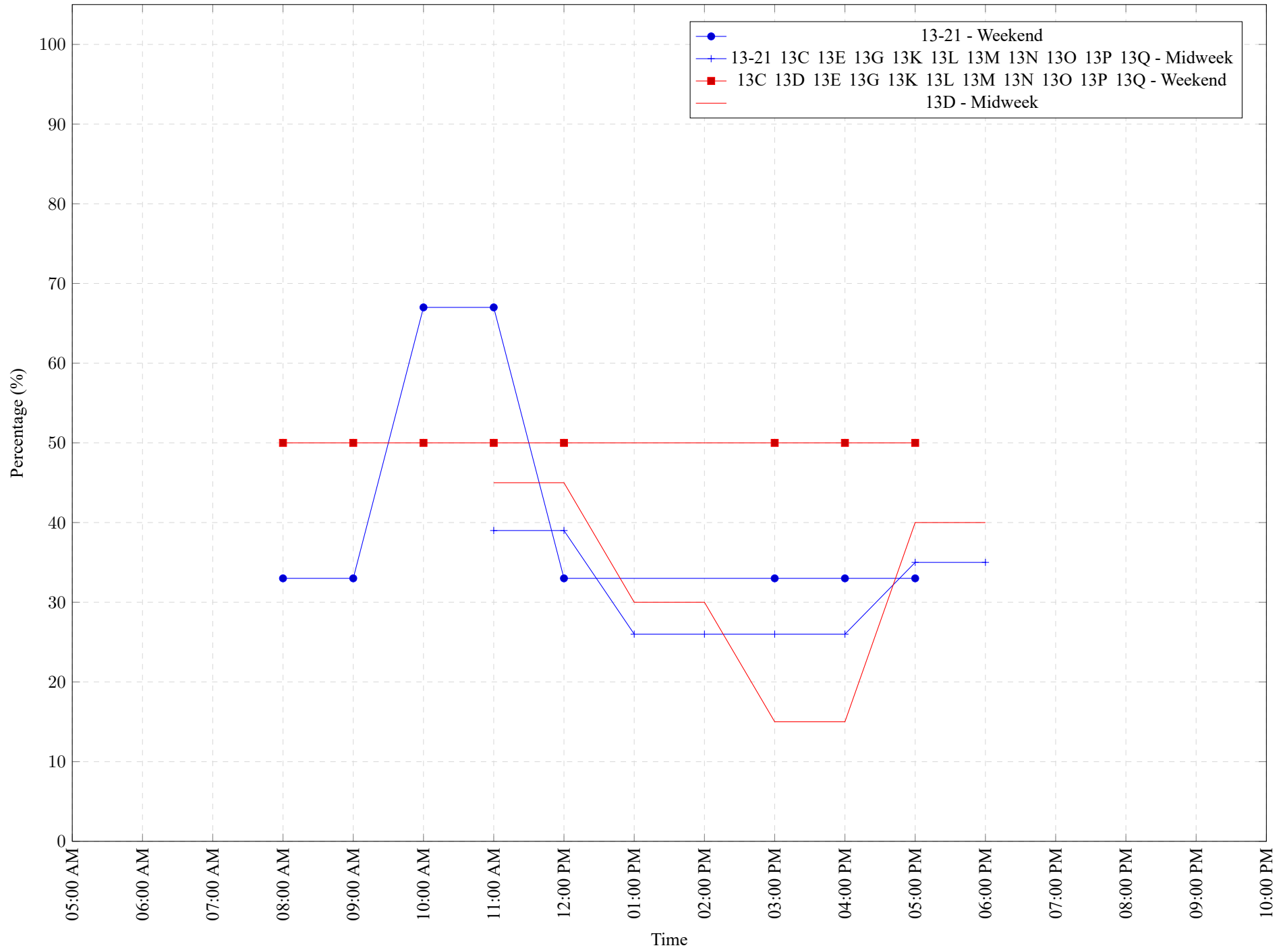


Table 7: Proportion of each day's fishing by hour.

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
13-21		Weekend	0%	0%	33%	33%	67%	67%	33%	0%	0%	33%	33%	33%	0%	0%	0%	0%	0%
13-21	13C 13E 13G 13K 13L 13M 13N 13O 13P 13Q	Midweek	0%	0%	0%	0%	0%	39%	39%	26%	26%	26%	26%	35%	35%	0%	0%	0%	0%
13C 13D 13E 13G 13K 13L 13M 13N 13O 13P 13Q		Weekend	0%	0%	50%	50%	50%	50%	50%	0%	0%	50%	50%	50%	0%	0%	0%	0%	0%
13D		Midweek	0%	0%	0%	0%	0%	45%	45%	30%	30%	15%	15%	40%	40%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Big Rock Boat Rental	Discovery Marina South
29 Mar 2023	Midweek		
30 Mar 2023	Midweek		
31 Mar 2023	Midweek		
01 Apr 2023	Weekend		
02 Apr 2023	Weekend	choppy	
03 Apr 2023	Midweek		
04 Apr 2023	Midweek	choppy	
05 Apr 2023	Midweek		
06 Apr 2023	Midweek		
07 Apr 2023	Weekend		
08 Apr 2023	Weekend		
09 Apr 2023	Weekend		
10 Apr 2023	Midweek	frequent whitecaps	
11 Apr 2023	Midweek		
12 Apr 2023	Midweek		
13 Apr 2023	Midweek		
14 Apr 2023	Midweek		
15 Apr 2023	Weekend		
16 Apr 2023	Weekend		
17 Apr 2023	Midweek		
18 Apr 2023	Midweek		
19 Apr 2023	Midweek		
20 Apr 2023	Midweek		
21 Apr 2023	Midweek		
22 Apr 2023	Weekend		
23 Apr 2023	Weekend		
24 Apr 2023	Midweek		
25 Apr 2023	Midweek		
26 Apr 2023	Midweek		
27 Apr 2023	Midweek		
28 Apr 2023	Midweek		
29 Apr 2023	Weekend		
30 Apr 2023	Weekend		
01 May 2023	Midweek		
02 May 2023	Midweek		
03 May 2023	Midweek	calm/rippled	calm/rippled