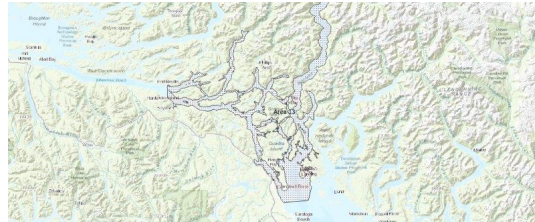


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 13 July 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 12th September, 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		Brown's Bay		Discovery Marina South		Kitty Coleman		Pacific Play	
		AM	PM	AM	PM	AM	PM	AM	PM	AM	PM
28 Jun 2024	Midweek			1							
29 Jun 2024	Weekend					4					2
30 Jun 2024	Weekend				5					4	
01 Jul 2024	Weekend									1	
02 Jul 2024	Midweek										
03 Jul 2024	Midweek										
04 Jul 2024	Midweek										5
05 Jul 2024	Midweek										
06 Jul 2024	Weekend	5	17							2	
07 Jul 2024	Weekend				6		11				
08 Jul 2024	Midweek				2	3					
09 Jul 2024	Midweek										
10 Jul 2024	Midweek										
11 Jul 2024	Midweek						2				
12 Jul 2024	Midweek		17								
13 Jul 2024	Weekend										2
14 Jul 2024	Weekend			5			8				
15 Jul 2024	Midweek			4			19				
16 Jul 2024	Midweek		42							4	
17 Jul 2024	Midweek	21									
18 Jul 2024	Midweek										
19 Jul 2024	Midweek					21					7
20 Jul 2024	Weekend										
21 Jul 2024	Weekend			7					1		4
22 Jul 2024	Midweek			10			12	1			
23 Jul 2024	Midweek		37			11					
24 Jul 2024	Midweek									5	
25 Jul 2024	Midweek										
26 Jul 2024	Midweek										
27 Jul 2024	Weekend										
28 Jul 2024	Weekend		18			23					
29 Jul 2024	Midweek	7									
30 Jul 2024	Midweek										
31 Jul 2024	Midweek										
01 Aug 2024	Midweek					15					
02 Aug 2024	Midweek					20					3
03 Aug 2024	Weekend						18				

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-Jun-2024	Friday	calm/rippled	1							
29-Jun-2024	Saturday	calm/rippled	6		16		1			
30-Jun-2024	Sunday	calm/rippled	12	1	20					
01-Jul-2024	Monday (Canada Day)	frequent whitecaps	1		1			42	1116	144
02-Jul-2024	Tuesday		0							
03-Jul-2024	Wednesday		0					21	1116	84
04-Jul-2024	Thursday	calm/rippled	5		6			44	1113	172
05-Jul-2024	Friday		0							
06-Jul-2024	Saturday	choppy	24		31			35	1118	119
07-Jul-2024	Sunday	calm/rippled	17		20					
08-Jul-2024	Monday	calm/rippled	5		5					
09-Jul-2024	Tuesday		0							
10-Jul-2024	Wednesday		1							
11-Jul-2024	Thursday	choppy	2							
12-Jul-2024	Friday	calm/rippled	17	4	29			44	1118	173
13-Jul-2024	Saturday	choppy	2		4					
14-Jul-2024	Sunday	choppy	13		16			65	1124	222
15-Jul-2024	Monday	calm/rippled	23	35	28			133	1118	530
16-Jul-2024	Tuesday	calm/rippled	46	51	60					
17-Jul-2024	Wednesday	calm/rippled	21	29	45					
18-Jul-2024	Thursday		0					142	1107	567
19-Jul-2024	Friday	calm/rippled	28	54	22			147	1115	588
20-Jul-2024	Saturday		0					245	1114	859
21-Jul-2024	Sunday	choppy	12	7	6			148	1115	520
22-Jul-2024	Monday	choppy	23	20	10					
23-Jul-2024	Tuesday	calm/rippled	48	43	35					
24-Jul-2024	Wednesday	calm/rippled	5	5	5					
25-Jul-2024	Thursday		0					130	1114	520
26-Jul-2024	Friday		0							
27-Jul-2024	Saturday		0					227	1114	794
28-Jul-2024	Sunday	choppy	41	23	27					
29-Jul-2024	Monday	frequent whitecaps	7	1	5					
30-Jul-2024	Tuesday		0							
31-Jul-2024	Wednesday		0							
01-Aug-2024	Thursday	calm/rippled	15	5	7					
02-Aug-2024	Friday	calm/rippled	23	12	13			121	1015	499
03-Aug-2024	Saturday	calm/rippled	18	23	16			194	1027	743
	Totals	calm/rippled	231	242	250			94*		376*
	Totals	choppy	110	30	105			127*		443*

* 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	443	9	3987	0.273	0.955			1088	3808		
Midweek	376	22	8272	1.048	1.082			8669	8950		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	6784	6024	293		0
2020	July	4939	4687	112	0	1
2021	July	8465	9382	83	0	49
2022	July	7042	8491	52		26
2023	July	7664	5440	6278	0	17
2024	July	10657	7643	9932		0
5-Yr Avg	July	6979	6805	1364	0	19

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
Coho	9556	96%	0%		%		36

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	341	12%

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

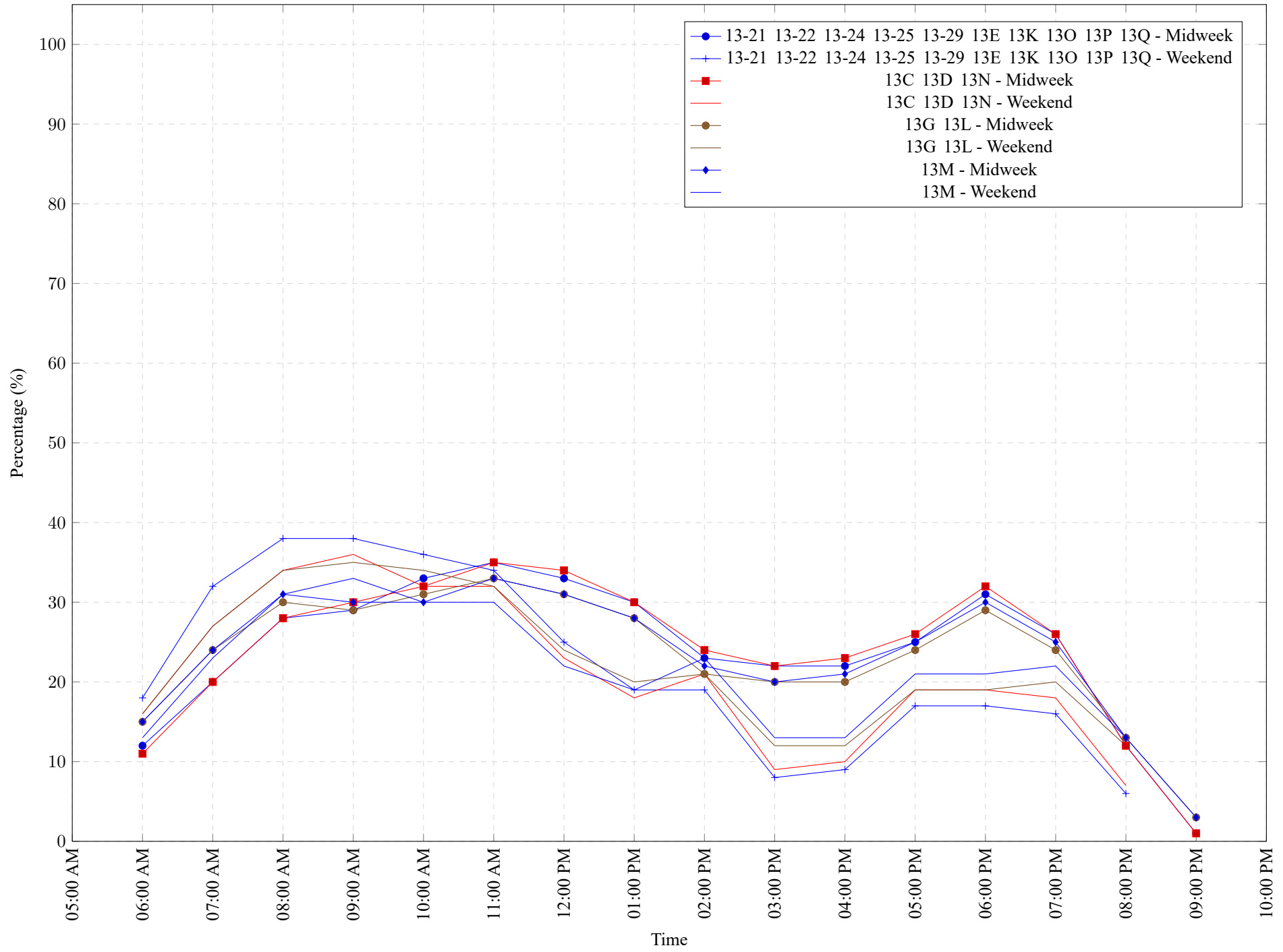


Table 7: Proportion of each day's fishing by hour.

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	13-22	13-24	13-25	13-29	13E	13K	13O	13P	13Q	Midweek	12%	20%	28%	29%	33%	35%	33%	30%	23%	22%	25%	31%	26%	12%	1%	0%	
13-21	13-22	13-24	13-25	13-29	13E	13K	13O	13P	13Q	Weekend	18%	32%	38%	38%	36%	34%	25%	19%	19%	8%	9%	17%	17%	16%	6%	0%	0%
13C 13D 13N										Midweek	11%	20%	28%	30%	32%	35%	34%	30%	24%	22%	23%	26%	32%	26%	12%	1%	0%
13C 13D 13N										Weekend	16%	27%	34%	36%	32%	32%	23%	18%	21%	9%	10%	19%	19%	18%	7%	0%	0%
13G 13L										Midweek	15%	24%	30%	29%	31%	33%	31%	28%	21%	20%	20%	24%	29%	24%	13%	3%	0%
13G 13L										Weekend	16%	27%	34%	35%	34%	32%	24%	20%	21%	12%	12%	19%	19%	20%	12%	0%	0%
13M										Midweek	15%	24%	31%	30%	30%	33%	31%	28%	22%	20%	21%	25%	30%	25%	13%	3%	0%
13M										Weekend	13%	23%	31%	33%	30%	30%	22%	19%	23%	13%	13%	21%	21%	22%	13%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Big Rock Boat Rental	Brown's Bay	Discovery Marina South	Kitty Coleman	Pacific Play
28 Jun 2024	Midweek		calm/rippled			
29 Jun 2024	Weekend			calm/rippled		calm/rippled
30 Jun 2024	Weekend		calm/rippled			calm/rippled
01 Jul 2024	Weekend					frequent whitecaps
02 Jul 2024	Midweek					
03 Jul 2024	Midweek					
04 Jul 2024	Midweek					calm/rippled
05 Jul 2024	Midweek					
06 Jul 2024	Weekend	choppy				calm/rippled
07 Jul 2024	Weekend		calm/rippled	calm/rippled		
08 Jul 2024	Midweek		calm/rippled	calm/rippled		
09 Jul 2024	Midweek					
10 Jul 2024	Midweek					
11 Jul 2024	Midweek			choppy		
12 Jul 2024	Midweek	calm/rippled				
13 Jul 2024	Weekend					choppy
14 Jul 2024	Weekend		choppy	choppy		
15 Jul 2024	Midweek		choppy	calm/rippled		
16 Jul 2024	Midweek	calm/rippled				choppy
17 Jul 2024	Midweek	calm/rippled				
18 Jul 2024	Midweek					
19 Jul 2024	Midweek			calm/rippled		choppy
20 Jul 2024	Weekend					
21 Jul 2024	Weekend		choppy		choppy	choppy
22 Jul 2024	Midweek		choppy	choppy	calm/rippled	
23 Jul 2024	Midweek	calm/rippled		choppy		
24 Jul 2024	Midweek					calm/rippled
25 Jul 2024	Midweek					
26 Jul 2024	Midweek					
27 Jul 2024	Weekend					
28 Jul 2024	Weekend	choppy		choppy		
29 Jul 2024	Midweek	frequent whitecaps				
30 Jul 2024	Midweek					
31 Jul 2024	Midweek					
01 Aug 2024	Midweek			calm/rippled		
02 Aug 2024	Midweek			calm/rippled		calm/rippled
03 Aug 2024	Weekend			calm/rippled		