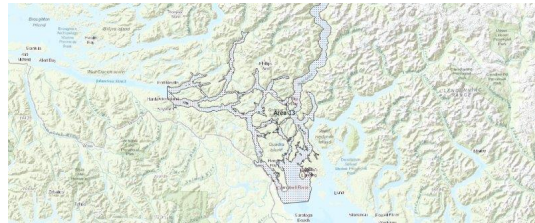


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 13 June 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Sunday 18th August, 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		Pacific Play		Port McNeill Ramp
		AM	PM	AM	PM	AM	PM	AM	PM	AM
29 May 2024	Midweek									
30 May 2024	Midweek									
31 May 2024	Midweek	7								
01 Jun 2024	Weekend	7			4					
02 Jun 2024	Weekend									
03 Jun 2024	Midweek									
04 Jun 2024	Midweek									
05 Jun 2024	Midweek		5							
06 Jun 2024	Midweek									
07 Jun 2024	Midweek									
08 Jun 2024	Weekend				5					
09 Jun 2024	Weekend		9				5			
10 Jun 2024	Midweek									
11 Jun 2024	Midweek									
12 Jun 2024	Midweek									
13 Jun 2024	Midweek									
14 Jun 2024	Midweek									
15 Jun 2024	Weekend			1		4				
16 Jun 2024	Weekend							2		
17 Jun 2024	Midweek									
18 Jun 2024	Midweek					3				
19 Jun 2024	Midweek	5								
20 Jun 2024	Midweek		26					1		
21 Jun 2024	Midweek			2						
22 Jun 2024	Weekend	9								
23 Jun 2024	Weekend		16				3		2	2
24 Jun 2024	Midweek								1	
25 Jun 2024	Midweek		19				1			
26 Jun 2024	Midweek					4				
27 Jun 2024	Midweek									
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									

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-May-2024	Wednesday		1							
30-May-2024	Thursday		0					23	1107	82
31-May-2024	Friday	calm/rippled	7							
01-Jun-2024	Saturday	calm/rippled	11	5				22	1108	52
02-Jun-2024	Sunday		0							
03-Jun-2024	Monday		0							
04-Jun-2024	Tuesday		3	1						
05-Jun-2024	Wednesday	calm/rippled	12	1						
06-Jun-2024	Thursday		5							
07-Jun-2024	Friday		1					29	1114	97
08-Jun-2024	Saturday	calm/rippled	10							
09-Jun-2024	Sunday	choppy	16	2	4			29	1131	63
10-Jun-2024	Monday		0							
11-Jun-2024	Tuesday		4							
12-Jun-2024	Wednesday		6	2						
13-Jun-2024	Thursday		8	3						
14-Jun-2024	Friday		3	2	2			15	1105	48
15-Jun-2024	Saturday	calm/rippled	11		4			24	1110	61
16-Jun-2024	Sunday	calm/rippled	6		2					
17-Jun-2024	Monday		0							
18-Jun-2024	Tuesday	calm/rippled	6		5					
19-Jun-2024	Wednesday	calm/rippled	10	9	11					
20-Jun-2024	Thursday	calm/rippled	34		21			28	1112	99
21-Jun-2024	Friday	calm/rippled	5		4					
22-Jun-2024	Saturday	choppy	9		4			52	1106	136
23-Jun-2024	Sunday	calm/rippled	23	5	17					
24-Jun-2024	Monday	calm/rippled	3		2			20	1106	70
25-Jun-2024	Tuesday	calm/rippled	24	6	30					
26-Jun-2024	Wednesday	calm/rippled	8	2	8					
27-Jun-2024	Thursday		4							
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	113
02-Jul-2024	Tuesday		0							
03-Jul-2024	Wednesday		0					21	1116	75
	Totals	calm/rippled	137	26	83			23*		79*
	Totals	calm/rippled	104	13	67		1	32*		78*

* 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	78	10	780	0.125	0.644		0.01	98	502		8
Midweek	79	20	1580	0.19	0.606			300	957		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	June	1969	3	60		0
2020	June	952	30	20		
2021	June	2370	507	0		15
2022	June	1060	434	0		7
2023	June	2242	1749	1077		0
2024	June	2084	223	1882		8
5-Yr Avg	June	1719	545	231		6

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
---------	--------------------	-----------------	-----------------------	-------------------	----------------	----------------------	-----------------------

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	152	7%
iRec Anglers	3772	21%

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

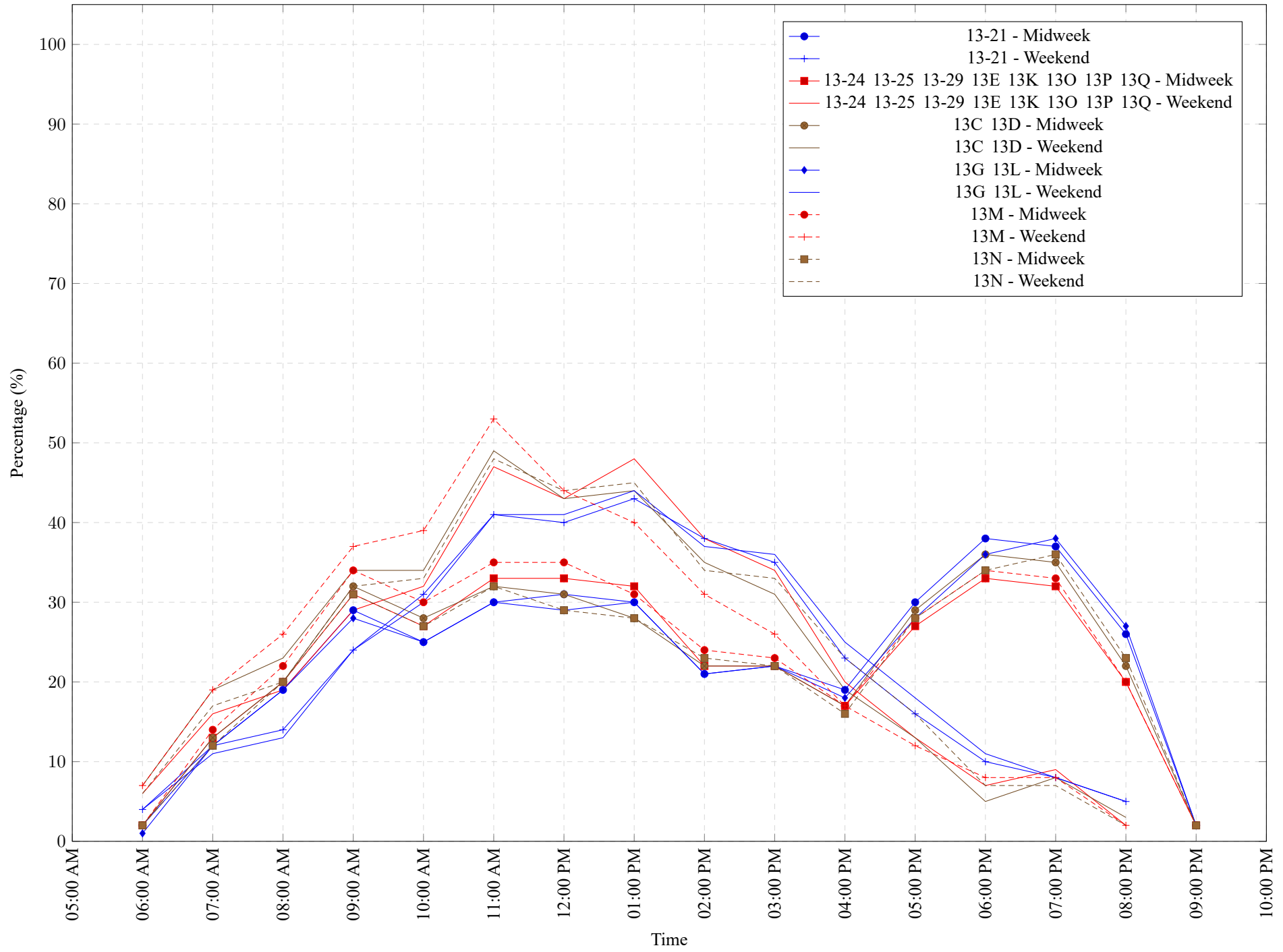


Table 7: Proportion of each day's fishing by hour.

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
13-21		Midweek	2%	12%	19%	29%	25%	30%	31%	30%	21%	22%	19%	30%	38%	37%	26%	2%	0%
13-21		Weekend	4%	12%	14%	24%	31%	41%	40%	43%	38%	35%	23%	16%	10%	8%	5%	0%	0%
13-24 13-25 13-29 13E 13K 13O 13P 13Q		Midweek	2%	13%	20%	31%	27%	33%	33%	32%	22%	22%	17%	27%	33%	32%	20%	2%	0%
13-24 13-25 13-29 13E 13K 13O 13P 13Q		Weekend	6%	16%	19%	29%	32%	47%	43%	48%	38%	34%	20%	13%	7%	9%	2%	0%	0%
13C 13D		Midweek	2%	13%	20%	32%	28%	32%	31%	28%	22%	22%	17%	29%	36%	35%	22%	2%	0%
13C 13D		Weekend	7%	19%	23%	34%	34%	49%	43%	44%	35%	31%	19%	13%	5%	8%	3%	0%	0%
13G 13L		Midweek	1%	12%	19%	28%	25%	30%	29%	30%	21%	22%	18%	28%	36%	38%	27%	2%	0%
13G 13L		Weekend	4%	11%	13%	24%	30%	41%	41%	44%	37%	36%	25%	18%	11%	8%	5%	0%	0%
13M		Midweek	2%	14%	22%	34%	30%	35%	35%	31%	24%	23%	17%	28%	34%	33%	20%	2%	0%
13M		Weekend	7%	19%	26%	37%	39%	53%	44%	40%	31%	26%	17%	12%	8%	8%	2%	0%	0%
13N		Midweek	2%	12%	20%	31%	27%	32%	29%	28%	23%	22%	16%	28%	34%	36%	23%	2%	0%
13N		Weekend	6%	17%	20%	32%	33%	48%	44%	45%	34%	33%	23%	16%	7%	7%	2%	0%	0%

Table 8: Daily Fishing Conditions.

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