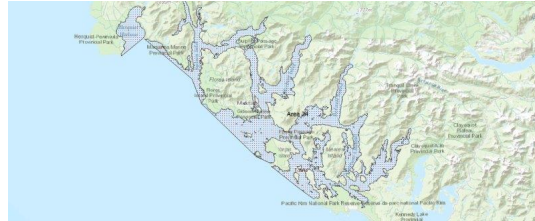


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 24 June 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Tuesday 6th 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	China Creek	Method Marine (Fuel Dock) MD	Tofino Resort and Marina		
		AM	MD	AM	MD	PM
29 May 2024	Midweek					
30 May 2024	Midweek					
31 May 2024	Midweek					
01 Jun 2024	Weekend					2
02 Jun 2024	Weekend					
03 Jun 2024	Midweek					
04 Jun 2024	Midweek					
05 Jun 2024	Midweek					
06 Jun 2024	Midweek					
07 Jun 2024	Midweek					
08 Jun 2024	Weekend				1	
09 Jun 2024	Weekend					
10 Jun 2024	Midweek					
11 Jun 2024	Midweek				6	
12 Jun 2024	Midweek					
13 Jun 2024	Midweek					
14 Jun 2024	Midweek					2
15 Jun 2024	Weekend	1		2		
16 Jun 2024	Weekend					2
17 Jun 2024	Midweek		2			
18 Jun 2024	Midweek	1			3	
19 Jun 2024	Midweek					
20 Jun 2024	Midweek					2
21 Jun 2024	Midweek					4
22 Jun 2024	Weekend				4	
23 Jun 2024	Weekend			4		
24 Jun 2024	Midweek					1
25 Jun 2024	Midweek					
26 Jun 2024	Midweek					
27 Jun 2024	Midweek			5		
28 Jun 2024	Midweek					
29 Jun 2024	Weekend					2
30 Jun 2024	Weekend					2
01 Jul 2024	Weekend				4	
02 Jul 2024	Midweek					
03 Jul 2024	Midweek				1	

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		0							
30-May-2024	Thursday		0							
31-May-2024	Friday		0							
01-Jun-2024	Saturday	choppy	2	1						
02-Jun-2024	Sunday		0							
03-Jun-2024	Monday		0							
04-Jun-2024	Tuesday		0							
05-Jun-2024	Wednesday		0					3	1042	4
06-Jun-2024	Thursday		0							
07-Jun-2024	Friday		0							
08-Jun-2024	Saturday	frequent whitecaps	1					2	1106	3
09-Jun-2024	Sunday		0							
10-Jun-2024	Monday		0							
11-Jun-2024	Tuesday	large swells	6							
12-Jun-2024	Wednesday		0					5	1058	8
13-Jun-2024	Thursday		0							
14-Jun-2024	Friday	calm/rippled	2							
15-Jun-2024	Saturday	calm/rippled	3	2	1	1		13	1002	18
16-Jun-2024	Sunday	frequent whitecaps	2	3						
17-Jun-2024	Monday	frequent whitecaps	2	2						
18-Jun-2024	Tuesday	calm/rippled	4	3	2	3				
19-Jun-2024	Wednesday		0							
20-Jun-2024	Thursday	calm/rippled	2					9	1041	13
21-Jun-2024	Friday	frequent whitecaps	4	2						
22-Jun-2024	Saturday	choppy	4	1	1					
23-Jun-2024	Sunday	large swells	4	3				12	1021	17
24-Jun-2024	Monday	large swells	1					3	1039	4
25-Jun-2024	Tuesday		0							
26-Jun-2024	Wednesday		0							
27-Jun-2024	Thursday	frequent whitecaps	5	1	2					
28-Jun-2024	Friday		0							
29-Jun-2024	Saturday	choppy	2							
30-Jun-2024	Sunday	calm/rippled	2					6	1137	10
01-Jul-2024	Monday (Canada Day)	frequent whitecaps	4		2			13	1037	18
02-Jul-2024	Tuesday		0							
03-Jul-2024	Wednesday	large swells	1					12	1209	24
	Totals	frequent whitecaps	26	8	4	3		5*		7*
	Totals	choppy	20	10	2	1		8*		12*

* 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	12	10	120	0.5	0.1	0.05		60	12	6	
Midweek	7	20	140	0.308	0.154	0.115		43	22	16	

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	June	96	48	24		0
2020	June	332	123	10		55
2021	June	114	122	43		1
2022	June	256	222	80		27
2023	June	352	485	5		8
2024	June	300	154	15		0
5-Yr Avg	June	230	200	32		18

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	46	83%
iRec Anglers	553	77%

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

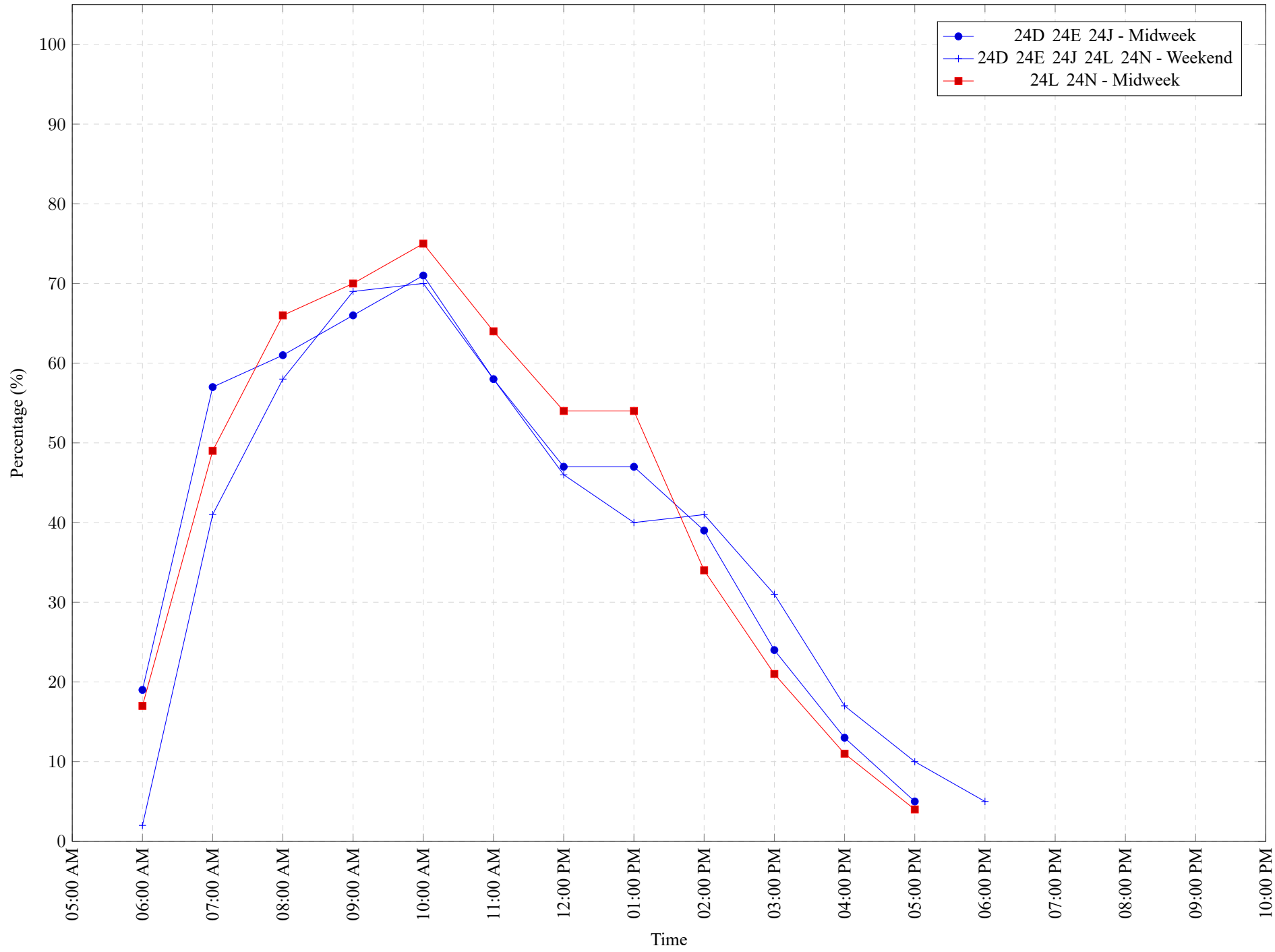


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
24D 24E 24J	Midweek	19%	57%	61%	66%	71%	58%	47%	47%	39%	24%	13%	5%	0%	0%	0%	0%	0%
24D 24E 24J 24L 24N	Weekend	2%	41%	58%	69%	70%	58%	46%	40%	41%	31%	17%	10%	5%	0%	0%	0%	0%
24L 24N	Midweek	17%	49%	66%	70%	75%	64%	54%	54%	34%	21%	11%	4%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	China Creek	Method Marine (Fuel Dock)	Tofino Resort and Marina
29 May 2024	Midweek			
30 May 2024	Midweek			
31 May 2024	Midweek			
01 Jun 2024	Weekend			choppy
02 Jun 2024	Weekend			
03 Jun 2024	Midweek			
04 Jun 2024	Midweek			
05 Jun 2024	Midweek			
06 Jun 2024	Midweek			
07 Jun 2024	Midweek			
08 Jun 2024	Weekend			frequent whitecaps
09 Jun 2024	Weekend			
10 Jun 2024	Midweek			
11 Jun 2024	Midweek			large swells
12 Jun 2024	Midweek			
13 Jun 2024	Midweek			
14 Jun 2024	Midweek			calm/rippled
15 Jun 2024	Weekend	choppy		calm/rippled
16 Jun 2024	Weekend			frequent whitecaps
17 Jun 2024	Midweek		frequent whitecaps	
18 Jun 2024	Midweek	choppy		calm/rippled
19 Jun 2024	Midweek			
20 Jun 2024	Midweek			calm/rippled
21 Jun 2024	Midweek			frequent whitecaps
22 Jun 2024	Weekend			choppy
23 Jun 2024	Weekend			large swells
24 Jun 2024	Midweek			large swells
25 Jun 2024	Midweek			
26 Jun 2024	Midweek			
27 Jun 2024	Midweek			frequent whitecaps
28 Jun 2024	Midweek			
29 Jun 2024	Weekend			choppy
30 Jun 2024	Weekend			calm/rippled
01 Jul 2024	Weekend			frequent whitecaps
02 Jul 2024	Midweek			
03 Jul 2024	Midweek			large swells