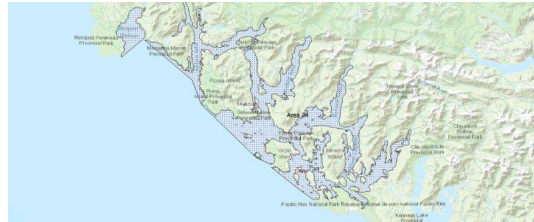


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 24 September 2021



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



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	Method Marine (Fuel Dock)		Tofino Resort and Marina	
		AM	MD	AM	MD
29 Aug 2021	Weekend	1			
30 Aug 2021	Midweek				
31 Aug 2021	Midweek				5
01 Sep 2021	Midweek				2
02 Sep 2021	Midweek		4		
03 Sep 2021	Midweek				
04 Sep 2021	Weekend				8
05 Sep 2021	Weekend				
06 Sep 2021	Weekend				
07 Sep 2021	Midweek				
08 Sep 2021	Midweek			4	
09 Sep 2021	Midweek				
10 Sep 2021	Midweek				
11 Sep 2021	Weekend				9
12 Sep 2021	Weekend				
13 Sep 2021	Midweek				
14 Sep 2021	Midweek				4
15 Sep 2021	Midweek				
16 Sep 2021	Midweek				
17 Sep 2021	Midweek				
18 Sep 2021	Weekend				
19 Sep 2021	Weekend				
20 Sep 2021	Midweek				
21 Sep 2021	Midweek				
22 Sep 2021	Midweek				
23 Sep 2021	Midweek				
24 Sep 2021	Midweek		3		
25 Sep 2021	Weekend				16
26 Sep 2021	Weekend				
27 Sep 2021	Midweek				
28 Sep 2021	Midweek				
29 Sep 2021	Midweek				
30 Sep 2021	Midweek				
01 Oct 2021	Midweek				
02 Oct 2021	Weekend				
03 Oct 2021	Weekend				

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-Aug-2021	Sunday	calm/rippled	1		2					
30-Aug-2021	Monday		0							
31-Aug-2021	Tuesday	choppy	5		1			9	1110	16
01-Sep-2021	Wednesday	calm/rippled	2		5					
02-Sep-2021	Thursday	choppy	4		3			2	1052	3
03-Sep-2021	Friday		0							
04-Sep-2021	Saturday	choppy	8		2					
05-Sep-2021	Sunday		0							
06-Sep-2021	Monday (Labour Day)		0					1	0954	1
07-Sep-2021	Tuesday		0							
08-Sep-2021	Wednesday	choppy	4							
09-Sep-2021	Thursday		0							
10-Sep-2021	Friday		0							
11-Sep-2021	Saturday	choppy	9		4					
12-Sep-2021	Sunday		0					6	1058	8
13-Sep-2021	Monday		0							
14-Sep-2021	Tuesday	frequent whitecaps	4		3					
15-Sep-2021	Wednesday		0					1	1147	2
16-Sep-2021	Thursday		0							
17-Sep-2021	Friday		0							
18-Sep-2021	Saturday		1					8	1045	10
19-Sep-2021	Sunday		0							
20-Sep-2021	Monday		0							
21-Sep-2021	Tuesday		0					11	1122	18
22-Sep-2021	Wednesday		0							
23-Sep-2021	Thursday		0							
24-Sep-2021	Friday	calm/rippled	3		2					
25-Sep-2021	Saturday	calm/rippled	17		15					
26-Sep-2021	Sunday		0							
27-Sep-2021	Monday		0							
28-Sep-2021	Tuesday		0					4	1131	7
29-Sep-2021	Wednesday		0							
30-Sep-2021	Thursday		0							
01-Oct-2021	Friday		0							
02-Oct-2021	Saturday		0							
03-Oct-2021	Sunday		0							
	Totals	choppy	17		13			5*		8*
	Totals	choppy	35		21			5*		6*

* 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	6	9	54		0.6				32		
Midweek	8	21	168		0.765				129		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2016	September	38	12	40		
2017	September	253	226	263		
2018	September	322	86	205		
2019	September	100	8	125		0
2020	September	45	0	23		3
2021	September	225	25	113		0
5-Yr Avg	September	152	66	131		2

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	50	80%
iRec Anglers	771	79%

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

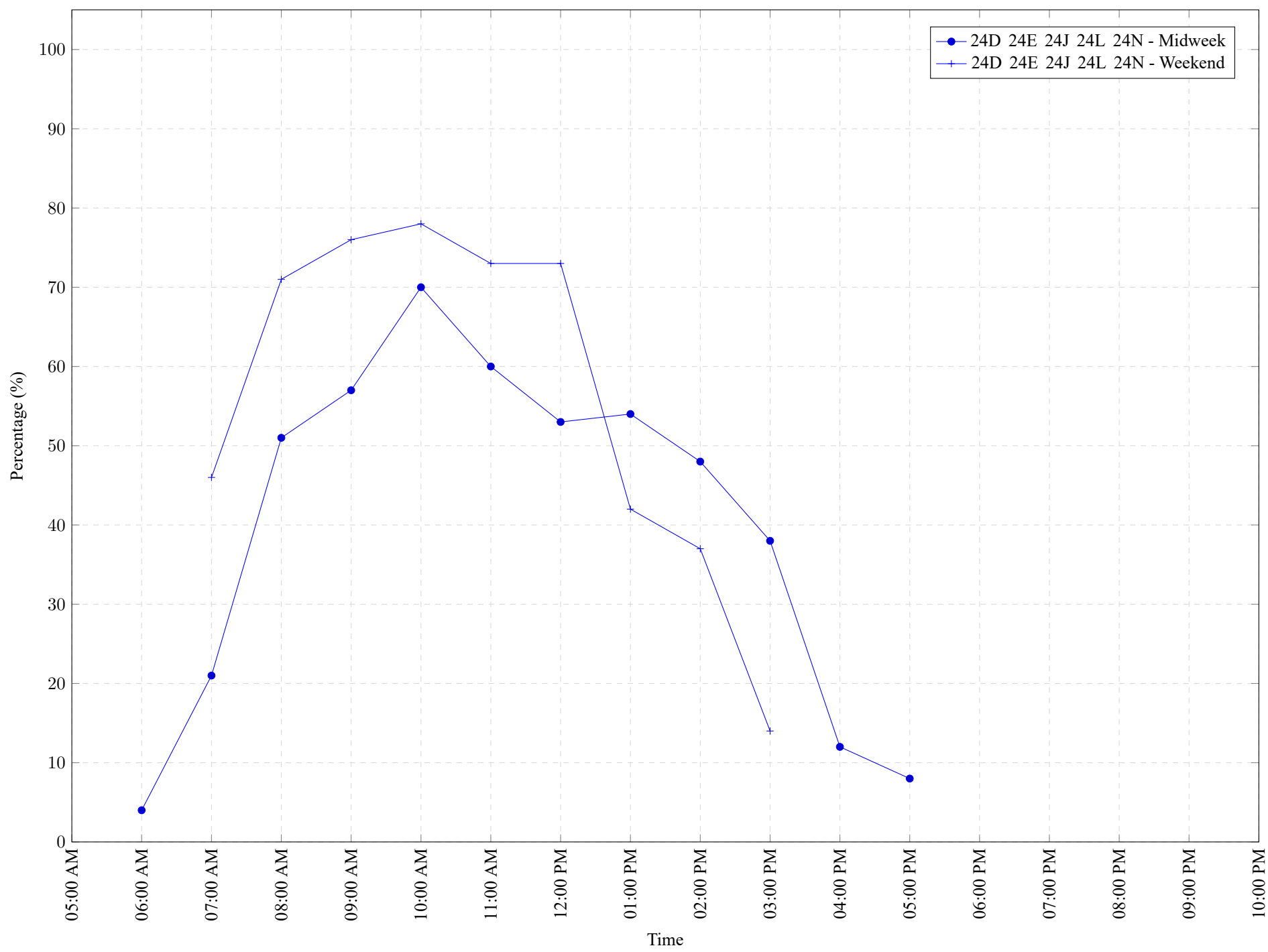


Table 7: Proportion of each day's fishing by hour.

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
24D	24E	24J	24L	24N	Midweek	4%	21%	51%	57%	70%	60%	53%	54%	48%	38%	12%	8%	0%	0%	0%	0%	0%
24D	24E	24J	24L	24N	Weekend	0%	46%	71%	76%	78%	73%	73%	42%	37%	14%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Method Marine (Fuel Dock)	Tofino Resort and Marina
29 Aug 2021	Weekend	calm/rippled	
30 Aug 2021	Midweek		
31 Aug 2021	Midweek		choppy
01 Sep 2021	Midweek		calm/rippled
02 Sep 2021	Midweek	choppy	
03 Sep 2021	Midweek		
04 Sep 2021	Weekend		choppy
05 Sep 2021	Weekend		
06 Sep 2021	Weekend		
07 Sep 2021	Midweek		
08 Sep 2021	Midweek		choppy
09 Sep 2021	Midweek		
10 Sep 2021	Midweek		
11 Sep 2021	Weekend		choppy
12 Sep 2021	Weekend		
13 Sep 2021	Midweek		
14 Sep 2021	Midweek		frequent whitecaps
15 Sep 2021	Midweek		
16 Sep 2021	Midweek		
17 Sep 2021	Midweek		
18 Sep 2021	Weekend		
19 Sep 2021	Weekend		
20 Sep 2021	Midweek		
21 Sep 2021	Midweek		
22 Sep 2021	Midweek		
23 Sep 2021	Midweek		
24 Sep 2021	Midweek	calm/rippled	
25 Sep 2021	Weekend		calm/rippled
26 Sep 2021	Weekend		
27 Sep 2021	Midweek		
28 Sep 2021	Midweek		
29 Sep 2021	Midweek		
30 Sep 2021	Midweek		
01 Oct 2021	Midweek		
02 Oct 2021	Weekend		
03 Oct 2021	Weekend		