

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 124 September 2020



Prepared By:
South Coast Salmon Stock Assessment Section

Saturday 20th February, 2021



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Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

Date	Day Type	Eagle Marine (Fuel Dock) PM	Tofino Resort and Marina		Ucluelet Gov Dock
			AM	MD	MD
29 Aug 2020	Weekend				
30 Aug 2020	Weekend				
31 Aug 2020	Midweek				
01 Sep 2020	Midweek				1
02 Sep 2020	Midweek			2	
03 Sep 2020	Midweek				1
04 Sep 2020	Midweek				
05 Sep 2020	Weekend			16	
06 Sep 2020	Weekend				1
07 Sep 2020	Weekend		2		
08 Sep 2020	Midweek				
09 Sep 2020	Midweek				
10 Sep 2020	Midweek	1			
11 Sep 2020	Midweek			5	
12 Sep 2020	Weekend				1
13 Sep 2020	Weekend		1		
14 Sep 2020	Midweek				
15 Sep 2020	Midweek				
16 Sep 2020	Midweek				
17 Sep 2020	Midweek				
18 Sep 2020	Midweek				
19 Sep 2020	Weekend				
20 Sep 2020	Weekend				
21 Sep 2020	Midweek				
22 Sep 2020	Midweek				
23 Sep 2020	Midweek				
24 Sep 2020	Midweek				
25 Sep 2020	Midweek				
26 Sep 2020	Weekend				
27 Sep 2020	Weekend				
28 Sep 2020	Midweek				
29 Sep 2020	Midweek				
30 Sep 2020	Midweek				
01 Oct 2020	Midweek				
02 Oct 2020	Midweek				
03 Oct 2020	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-2020	Saturday		0					0	1052	0
30-Aug-2020	Sunday		0							
31-Aug-2020	Monday		0					10	0937	13
01-Sep-2020	Tuesday	choppy	1				8			
02-Sep-2020	Wednesday	choppy	2							
03-Sep-2020	Thursday	calm/rippled	1				4	11	1119	12
04-Sep-2020	Friday		0							
05-Sep-2020	Saturday	calm/rippled	16	1			13	6	1119	7
06-Sep-2020	Sunday	calm/rippled	1				2			
07-Sep-2020	Monday (Labour Day)	choppy	2				3			
08-Sep-2020	Tuesday		0							
09-Sep-2020	Wednesday		0							
10-Sep-2020	Thursday	choppy	1				1	2	1022	3
11-Sep-2020	Friday	calm/rippled	5				4			
12-Sep-2020	Saturday	calm/rippled	1				1			
13-Sep-2020	Sunday	calm/rippled	1							
14-Sep-2020	Monday		0							
15-Sep-2020	Tuesday		0							
16-Sep-2020	Wednesday		0							
17-Sep-2020	Thursday		0					3	1002	4
18-Sep-2020	Friday		0							
19-Sep-2020	Saturday		0							
20-Sep-2020	Sunday		0							
21-Sep-2020	Monday		0					1	1106	1
22-Sep-2020	Tuesday		0							
23-Sep-2020	Wednesday		0							
24-Sep-2020	Thursday		0							
25-Sep-2020	Friday		0							
26-Sep-2020	Saturday		0					0	1105	0
27-Sep-2020	Sunday		0							
28-Sep-2020	Monday		0							
29-Sep-2020	Tuesday		0							
30-Sep-2020	Wednesday		0							
01-Oct-2020	Thursday		0							
02-Oct-2020	Friday		0							
03-Oct-2020	Saturday		0							
	Totals	choppy	10				17	4*		5*
	Totals	calm/rippled	21	1			19	3*		4*

* 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	4	9	36	0.0480			0.9050	2			33
Midweek	5	21	105				1.70				179

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	September	279	104	68		88
2016	September	120	173	79		18
2017	September	61	147			
2018	September	217	120	71		101
2019	September	35	0			6
2020	September	110	7			245
5-Yr Avg	September	142	109	73		53

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	34	84%
iRec Anglers	868	34%

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

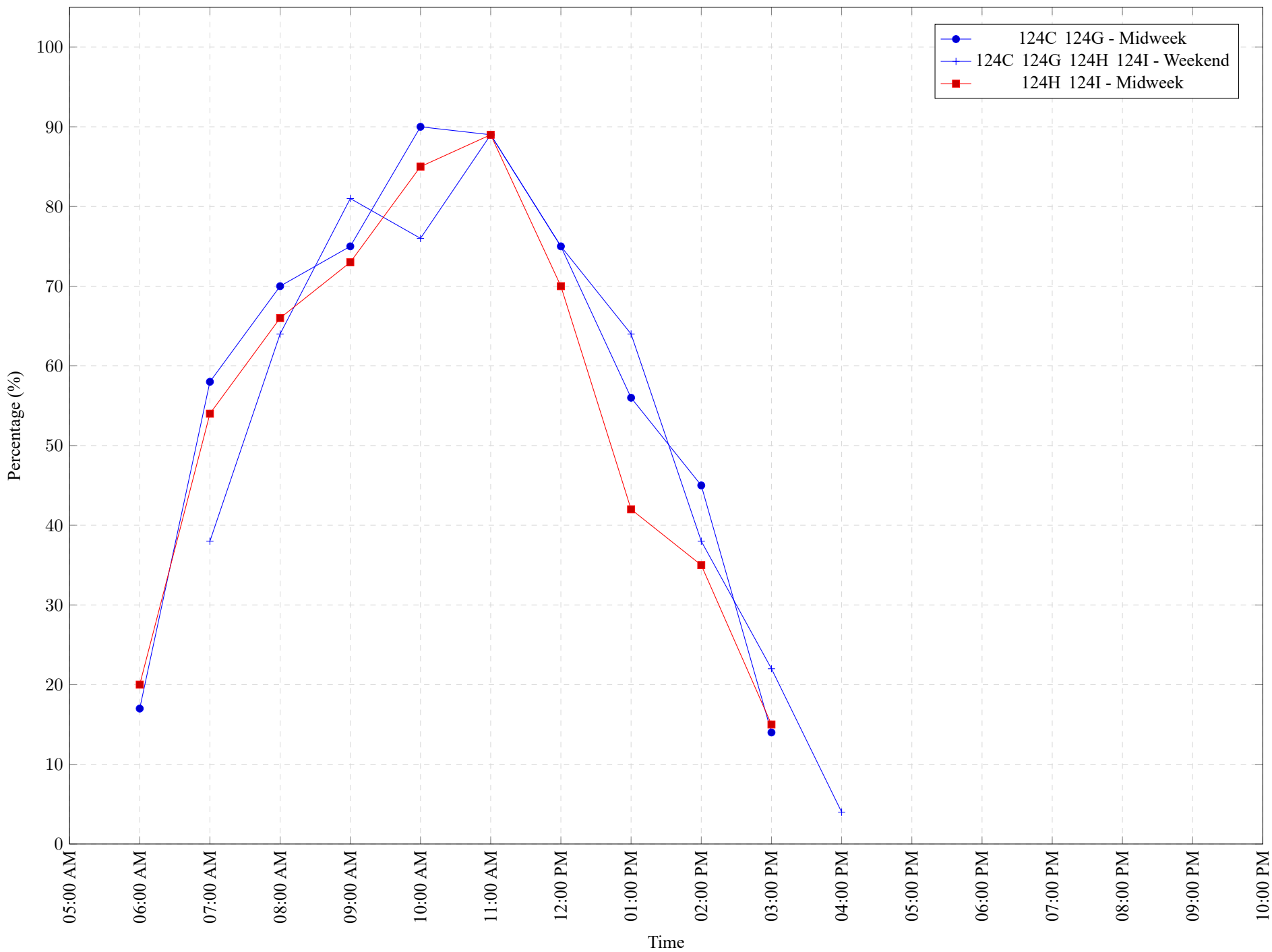


Table 7: Proportion of each day's fishing by hour.

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
124C 124G				Midweek	17%	58%	70%	75%	90%	89%	75%	56%	45%	14%	0%	0%	0%	0%	0%	0%	0%
124C	124G	124H	124I	Weekend	0%	38%	64%	81%	76%	89%	75%	64%	38%	22%	4%	0%	0%	0%	0%	0%	0%
124H 124I				Midweek	20%	54%	66%	73%	85%	89%	70%	42%	35%	15%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Eagle Marine (Fuel Dock)	Tofino Resort and Marina	Ucluelet Gov Dock
29 Aug 2020	Weekend			
30 Aug 2020	Weekend			
31 Aug 2020	Midweek			
01 Sep 2020	Midweek			choppy
02 Sep 2020	Midweek		choppy	
03 Sep 2020	Midweek			calm/rippled
04 Sep 2020	Midweek			
05 Sep 2020	Weekend		calm/rippled	
06 Sep 2020	Weekend			calm/rippled
07 Sep 2020	Weekend		choppy	
08 Sep 2020	Midweek			
09 Sep 2020	Midweek			
10 Sep 2020	Midweek	choppy		
11 Sep 2020	Midweek		calm/rippled	
12 Sep 2020	Weekend			calm/rippled
13 Sep 2020	Weekend		calm/rippled	
14 Sep 2020	Midweek			
15 Sep 2020	Midweek			
16 Sep 2020	Midweek			
17 Sep 2020	Midweek			
18 Sep 2020	Midweek			
19 Sep 2020	Weekend			
20 Sep 2020	Weekend			
21 Sep 2020	Midweek			
22 Sep 2020	Midweek			
23 Sep 2020	Midweek			
24 Sep 2020	Midweek			
25 Sep 2020	Midweek			
26 Sep 2020	Weekend			
27 Sep 2020	Weekend			
28 Sep 2020	Midweek			
29 Sep 2020	Midweek			
30 Sep 2020	Midweek			
01 Oct 2020	Midweek			
02 Oct 2020	Midweek			
03 Oct 2020	Weekend			