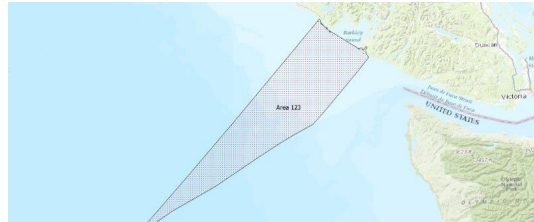


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 123 September 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 7th November, 2024



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

		Clutesi Ramp	Island West			McKay Bay Gas Dock	Mills Landing	Pacific Gateway Marina	Poett Nook	Ucluelet Gov Dock	
Date	Day Type	PM	AM	MD	PM	MD	MD	MD	MD	MD	PM
29 Aug 2024	Midweek		5				3	1			
30 Aug 2024	Midweek										
31 Aug 2024	Weekend								2		18
01 Sep 2024	Weekend										12
02 Sep 2024	Weekend									5	
03 Sep 2024	Midweek					1					
04 Sep 2024	Midweek										4
05 Sep 2024	Midweek									12	
06 Sep 2024	Midweek			2							
07 Sep 2024	Weekend				3						
08 Sep 2024	Weekend										4
09 Sep 2024	Midweek									7	
10 Sep 2024	Midweek										1
11 Sep 2024	Midweek									3	
12 Sep 2024	Midweek				2		1				
13 Sep 2024	Midweek					2					
14 Sep 2024	Weekend					1				3	
15 Sep 2024	Weekend										
16 Sep 2024	Midweek										
17 Sep 2024	Midweek										
18 Sep 2024	Midweek										
19 Sep 2024	Midweek										
20 Sep 2024	Midweek										
21 Sep 2024	Weekend										
22 Sep 2024	Weekend										
23 Sep 2024	Midweek										
24 Sep 2024	Midweek									1	
25 Sep 2024	Midweek										
26 Sep 2024	Midweek										
27 Sep 2024	Midweek										
28 Sep 2024	Weekend										
29 Sep 2024	Weekend	1									
30 Sep 2024	Midweek										
01 Oct 2024	Midweek										
02 Oct 2024	Midweek										
03 Oct 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-Aug-2024	Thursday	calm/rippled	9	8	22		6			
30-Aug-2024	Friday		0					68	0958	97
31-Aug-2024	Saturday	calm/rippled	20	57	38		11	54	0923	87
01-Sep-2024	Sunday	calm/rippled	12	29	32		16	15	0727	50
02-Sep-2024	Monday (Labour Day)	calm/rippled	5	6	6			0	1415	0
03-Sep-2024	Tuesday	choppy	1		1		8			
04-Sep-2024	Wednesday	calm/rippled	4	12	4		3	22	1246	40
05-Sep-2024	Thursday	calm/rippled	12	7	2					
06-Sep-2024	Friday	calm/rippled	2	7						
07-Sep-2024	Saturday	calm/rippled	3					19	0941	32
08-Sep-2024	Sunday	calm/rippled	4	7	3					
09-Sep-2024	Monday	calm/rippled	7	14						
10-Sep-2024	Tuesday	calm/rippled	1	4						
11-Sep-2024	Wednesday	calm/rippled	3	3	1					
12-Sep-2024	Thursday	calm/rippled	3							
13-Sep-2024	Friday	choppy	2		5		8	4	0910	6
14-Sep-2024	Saturday	choppy	4				7	7	1150	12
15-Sep-2024	Sunday		0							
16-Sep-2024	Monday		0					8	1032	11
17-Sep-2024	Tuesday		0							
18-Sep-2024	Wednesday		0							
19-Sep-2024	Thursday		0							
20-Sep-2024	Friday		0							
21-Sep-2024	Saturday		0					4	0933	7
22-Sep-2024	Sunday		0							
23-Sep-2024	Monday		0							
24-Sep-2024	Tuesday	calm/rippled	1							
25-Sep-2024	Wednesday		0							
26-Sep-2024	Thursday		0							
27-Sep-2024	Friday		0					0	0927	0
28-Sep-2024	Saturday		0					0	0852	0
29-Sep-2024	Sunday	choppy	1				3	3	1017	5
30-Sep-2024	Monday		0							
01-Oct-2024	Tuesday		0							
02-Oct-2024	Wednesday		0							
03-Oct-2024	Thursday		0							
	Totals	calm/rippled	36	47	13		19	9*		14*
	Totals	calm/rippled	29	42	41		26	7*		15*

* 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	15	10	150	1.448	1.414		0.897	217	212		135
Midweek	14	20	280	1.306	0.361		0.528	366	101		148

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	September	1814	1251	359		9
2020	September	674	752	538		914
2021	September	450	544	715		542
2022	September	749	981	304		666
2023	September	825	1521	411		979
2024	September	689	818	325		622
5-Yr Avg	September	902	1010	465		622

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	65	54%
iRec Anglers	824	35%

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

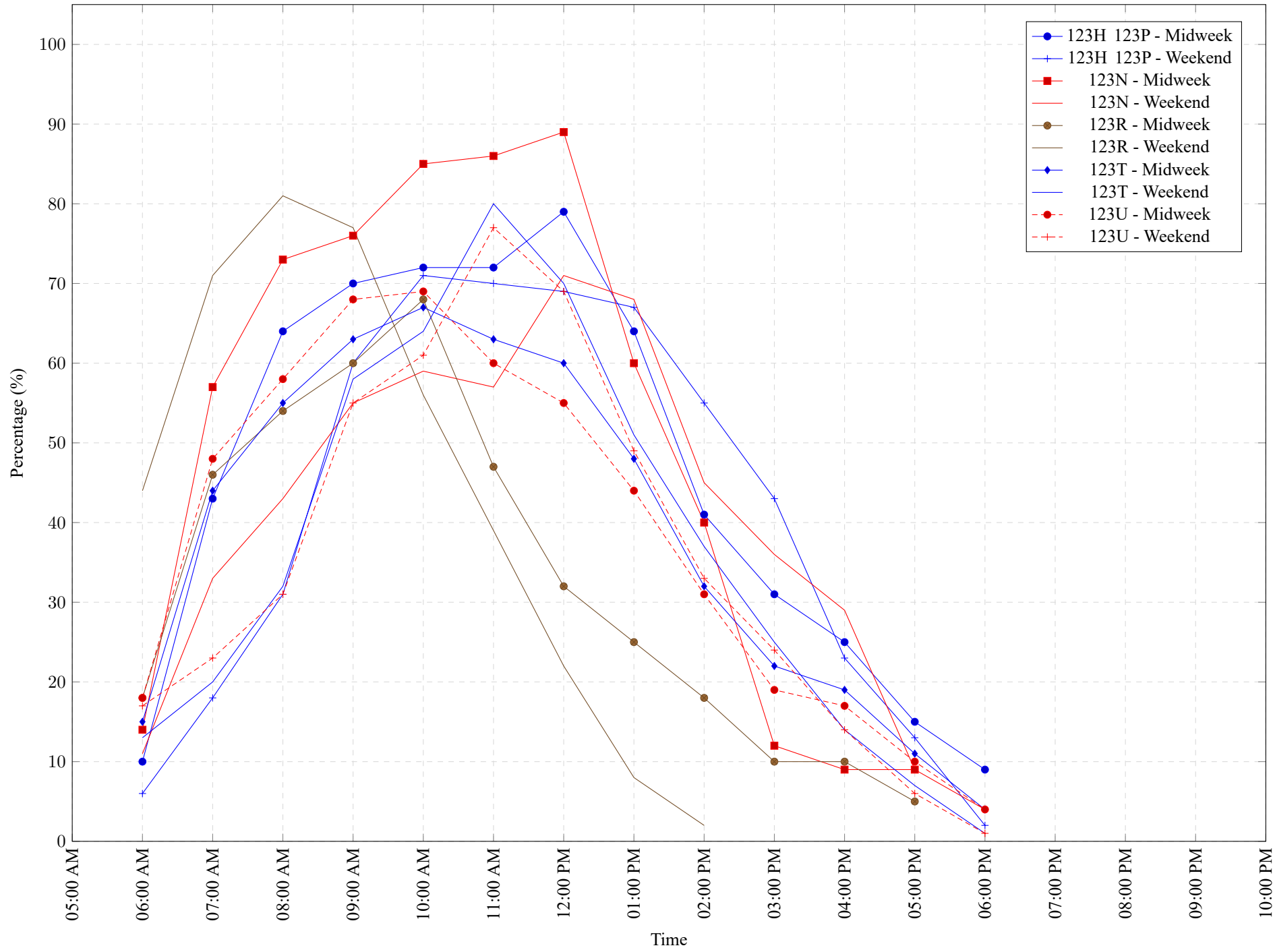


Table 7: Proportion of each day's fishing by hour.

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
123H	123P	Midweek	10%	43%	64%	70%	72%	72%	79%	64%	41%	31%	25%	15%	9%	0%	0%	0%	0%
123H	123P	Weekend	6%	18%	31%	60%	71%	70%	69%	67%	55%	43%	23%	13%	2%	0%	0%	0%	0%
123N		Midweek	14%	57%	73%	76%	85%	86%	89%	60%	40%	12%	9%	9%	0%	0%	0%	0%	0%
123N		Weekend	11%	33%	43%	55%	59%	57%	71%	68%	45%	36%	29%	9%	4%	0%	0%	0%	0%
123R		Midweek	18%	46%	54%	60%	68%	47%	32%	25%	18%	10%	10%	5%	0%	0%	0%	0%	0%
123R		Weekend	44%	71%	81%	77%	56%	39%	22%	8%	2%	0%	0%	0%	0%	0%	0%	0%	0%
123T		Midweek	15%	44%	55%	63%	67%	63%	60%	48%	32%	22%	19%	11%	4%	0%	0%	0%	0%
123T		Weekend	13%	20%	32%	58%	64%	80%	70%	51%	37%	25%	14%	7%	1%	0%	0%	0%	0%
123U		Midweek	18%	48%	58%	68%	69%	60%	55%	44%	31%	19%	17%	10%	4%	0%	0%	0%	0%
123U		Weekend	17%	23%	31%	55%	61%	77%	69%	49%	33%	24%	14%	6%	1%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Clutesi Ramp	Island West	McKay Bay Gas Dock	Mills Landing	Pacific Gateway Marina	Poett Nook	Ucluelet Gov Dock
29 Aug 2024	Midweek		calm/rippled		calm/rippled	calm/rippled		
30 Aug 2024	Midweek							
31 Aug 2024	Weekend						choppy	calm/rippled
01 Sep 2024	Weekend							calm/rippled
02 Sep 2024	Weekend							calm/rippled
03 Sep 2024	Midweek			choppy				
04 Sep 2024	Midweek							calm/rippled
05 Sep 2024	Midweek							calm/rippled
06 Sep 2024	Midweek		calm/rippled					
07 Sep 2024	Weekend		calm/rippled					
08 Sep 2024	Weekend							calm/rippled
09 Sep 2024	Midweek							calm/rippled
10 Sep 2024	Midweek							calm/rippled
11 Sep 2024	Midweek							calm/rippled
12 Sep 2024	Midweek		calm/rippled		choppy			
13 Sep 2024	Midweek			choppy				
14 Sep 2024	Weekend			choppy				choppy
15 Sep 2024	Weekend							
16 Sep 2024	Midweek							
17 Sep 2024	Midweek							
18 Sep 2024	Midweek							
19 Sep 2024	Midweek							
20 Sep 2024	Midweek							
21 Sep 2024	Weekend							
22 Sep 2024	Weekend							
23 Sep 2024	Midweek							
24 Sep 2024	Midweek							calm/rippled
25 Sep 2024	Midweek							
26 Sep 2024	Midweek							
27 Sep 2024	Midweek							
28 Sep 2024	Weekend							
29 Sep 2024	Weekend	choppy						
30 Sep 2024	Midweek							
01 Oct 2024	Midweek							
02 Oct 2024	Midweek							
03 Oct 2024	Midweek							