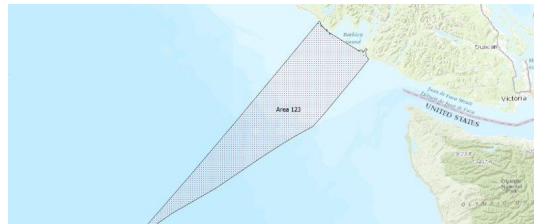


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 123 August 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Tuesday 8th October, 2024



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

		China Creek	Clutesi Ramp	Island West			McKay Bay Gas Dock			Mills Landing			Pacific Gateway Marina	Pat Leslie Boat Launch			Poett Nook		Tofino Resort and Marina	Ucluelet Gov Dock		
Date	Day Type	MD	AM	AM	MD	PM	AM	MD	PM	AM	MD	PM	MD	AM	MD	PM	AM	MD	AM	AM	MD	PM
29 Jul 2024	Midweek																	5			13	
30 Jul 2024	Midweek					7		10								1						
31 Jul 2024	Midweek																					
01 Aug 2024	Midweek			7																		
02 Aug 2024	Midweek																				12	
03 Aug 2024	Weekend							10			2								1	4		6
04 Aug 2024	Weekend																					
05 Aug 2024	Weekend				19				7													
06 Aug 2024	Midweek													3								
07 Aug 2024	Midweek						5														15	
08 Aug 2024	Midweek				15							1										
09 Aug 2024	Midweek																				10	
10 Aug 2024	Weekend						2													3		
11 Aug 2024	Weekend					16				2												
12 Aug 2024	Midweek																					13
13 Aug 2024	Midweek																				10	
14 Aug 2024	Midweek		1			19		10														
15 Aug 2024	Midweek																	5				11
16 Aug 2024	Midweek														3							
17 Aug 2024	Weekend				13				9		2											
18 Aug 2024	Weekend										2										15	
19 Aug 2024	Midweek																					
20 Aug 2024	Midweek							1					1								16	
21 Aug 2024	Midweek					13			4													
22 Aug 2024	Midweek																				18	
23 Aug 2024	Midweek				16												3					
24 Aug 2024	Weekend							2													19	
25 Aug 2024	Weekend	1				24						1										
26 Aug 2024	Midweek				13																	
27 Aug 2024	Midweek												1									
28 Aug 2024	Midweek							4							6							
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														

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-Jul-2024	Monday	calm/rippled	20	27	1		8			
30-Jul-2024	Tuesday	choppy	17	33	16		12			
31-Jul-2024	Wednesday	choppy	3	3				20	1240	47
01-Aug-2024	Thursday	calm/rippled	7	14	1		4	59	0909	78
02-Aug-2024	Friday	calm/rippled	13	62	12		6			
03-Aug-2024	Saturday	calm/rippled	18	43	7		19			
04-Aug-2024	Sunday	choppy	11	27	12		4	43	1222	74
05-Aug-2024	Monday (B.C. Day)	calm/rippled	26	62	15		7			
06-Aug-2024	Tuesday	calm/rippled	6	18	7					
07-Aug-2024	Wednesday	calm/rippled	21	47	22		9	9	1514	48
08-Aug-2024	Thursday	calm/rippled	16	21	20		6			
09-Aug-2024	Friday	calm/rippled	13	50	41		15			
10-Aug-2024	Saturday	calm/rippled	5	12	16		5	56	1021	75
11-Aug-2024	Sunday	choppy	18	33	31		3	13	1200	23
12-Aug-2024	Monday	calm/rippled	14	31	16		13	53	0935	74
13-Aug-2024	Tuesday	calm/rippled	13	26	9		4			
14-Aug-2024	Wednesday	calm/rippled	31	62	39	3	25			
15-Aug-2024	Thursday	choppy	16	34	22		12			
16-Aug-2024	Friday	choppy	3	6	4		1			
17-Aug-2024	Saturday	calm/rippled	23	41	22		15	65	1050	94
18-Aug-2024	Sunday	calm/rippled	17	55	11		9			
19-Aug-2024	Monday		0							
20-Aug-2024	Tuesday	calm/rippled	18	55	29		4			
21-Aug-2024	Wednesday	choppy	17	24	20		15			
22-Aug-2024	Thursday	choppy	18	40	14		3	95	1032	138
23-Aug-2024	Friday	calm/rippled	19	27	6		5			
24-Aug-2024	Saturday	calm/rippled	21	58	21		32	61	1004	86
25-Aug-2024	Sunday	calm/rippled	26	40	17		13			
26-Aug-2024	Monday	choppy	15	20	9		11			
27-Aug-2024	Tuesday	frequent whitecaps	1		4			13	0847	17
28-Aug-2024	Wednesday	calm/rippled	10	4	11		8			
29-Aug-2024	Thursday	calm/rippled	9	8	22		6			
30-Aug-2024	Friday		0					68	0958	91
31-Aug-2024	Saturday	calm/rippled	20	57	38		11	54	0923	70
01-Sep-2024	Sunday	calm/rippled	12	29	32		16	15	0727	22
02-Sep-2024	Monday (Labour Day)	calm/rippled	5	6	6			0	1415	0
03-Sep-2024	Tuesday	choppy	1		1		8			
	Totals	calm/rippled	260	549	308	3	147	50*		74*
	Totals	calm/rippled	185	428	190		118	49*		70*

* 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	70	10	700	2.314	1.027		0.638	1620	719		447
Midweek	74	21	1554	2.112	1.185	0.012	0.565	3282	1841	19	878

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	August	4065	9432	2388		1770
2020	August	2731	6589	2731		2239
2021	August	2182	6755	2130	3	2161
2022	August	2790	6924	1271	17	3491
2023	August	3098	8263	1866	0	3007
2024	August	3208	7139	4688	11	3208
5-Yr Avg	August	2973	7593	2077	7	2534

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	430	39%

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

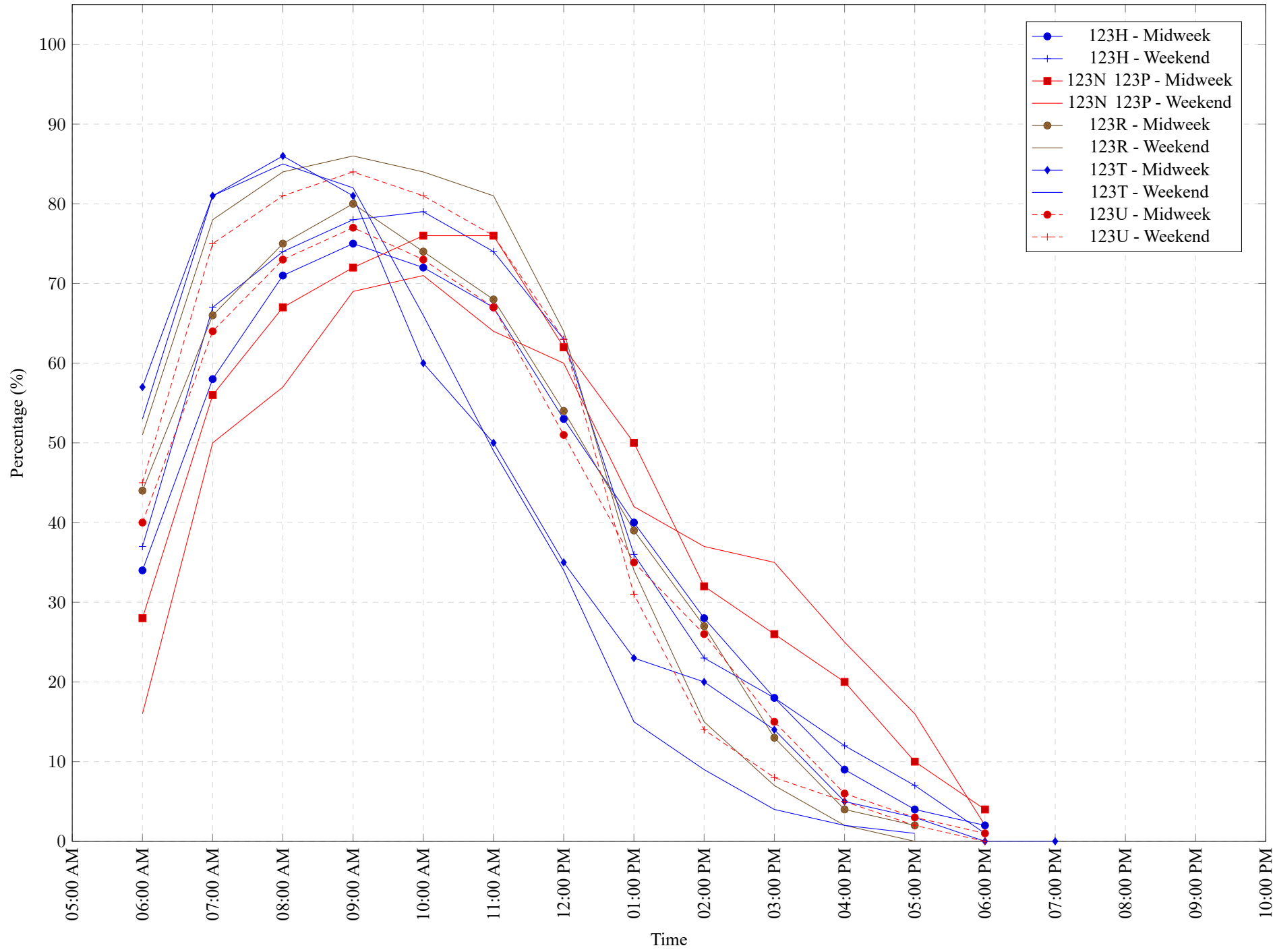


Table 7: Proportion of each day's fishing by hour.

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	Midweek	34%	58%	71%	75%	72%	67%	53%	40%	28%	18%	9%	4%	2%	0%	0%	0%	0%
123H	Weekend	37%	67%	74%	78%	79%	74%	63%	36%	23%	18%	12%	7%	1%	0%	0%	0%	0%
123N 123P	Midweek	28%	56%	67%	72%	76%	76%	62%	50%	32%	26%	20%	10%	4%	0%	0%	0%	0%
123N 123P	Weekend	16%	50%	57%	69%	71%	64%	60%	42%	37%	35%	25%	16%	2%	0%	0%	0%	0%
123R	Midweek	44%	66%	75%	80%	74%	68%	54%	39%	27%	13%	4%	2%	0%	0%	0%	0%	0%
123R	Weekend	51%	78%	84%	86%	84%	81%	64%	34%	15%	7%	2%	0%	0%	0%	0%	0%	0%
123T	Midweek	57%	81%	86%	81%	60%	50%	35%	23%	20%	14%	5%	3%	0%	0%	0%	0%	0%
123T	Weekend	53%	81%	85%	82%	66%	49%	34%	15%	9%	4%	2%	1%	0%	0%	0%	0%	0%
123U	Midweek	40%	64%	73%	77%	73%	67%	51%	35%	26%	15%	6%	3%	1%	0%	0%	0%	0%
123U	Weekend	45%	75%	81%	84%	81%	76%	63%	31%	14%	8%	5%	2%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

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