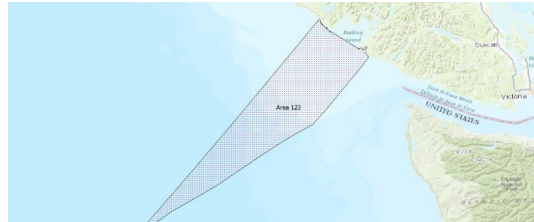


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 123 July 2024



Prepared By:
South Coast Salmon Stock Assessment Section

Friday 6th September, 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	Port Renfrew Marina	Tofino Resort and Marina	Ucluelet Gov Dock		
Date	Day Type	PM	MD	PM	AM	MD	PM	AM	MD	PM	AM	MD	PM	MD	AM	MD	PM	MD	MD	AM	MD	PM
28 Jun 2024	Midweek																					
29 Jun 2024	Weekend						2														11	
30 Jun 2024	Weekend													3			5					
01 Jul 2024	Weekend													1							10	
02 Jul 2024	Midweek																					1
03 Jul 2024	Midweek																				11	
04 Jul 2024	Midweek										2											
05 Jul 2024	Midweek					6																
06 Jul 2024	Weekend									2												7
07 Jul 2024	Weekend							3							3			1				
08 Jul 2024	Midweek									1											17	
09 Jul 2024	Midweek												1				2					5
10 Jul 2024	Midweek				2																	
11 Jul 2024	Midweek																				11	
12 Jul 2024	Midweek					4																
13 Jul 2024	Weekend	1								3							2				4	10
14 Jul 2024	Weekend																2					
15 Jul 2024	Midweek					1			3													
16 Jul 2024	Midweek																				10	
17 Jul 2024	Midweek									7												3
18 Jul 2024	Midweek			1												3						
19 Jul 2024	Midweek								16													9
20 Jul 2024	Weekend												1								17	
21 Jul 2024	Weekend													3								
22 Jul 2024	Midweek										2			3								4
23 Jul 2024	Midweek								5													
24 Jul 2024	Midweek		1		5	6									3							
25 Jul 2024	Midweek											2									18	
26 Jul 2024	Midweek																			3		
27 Jul 2024	Weekend											5									9	
28 Jul 2024	Weekend									3												
29 Jul 2024	Midweek																5				13	
30 Jul 2024	Midweek						7				10											
31 Jul 2024	Midweek															1						
01 Aug 2024	Midweek				7																	
02 Aug 2024	Midweek																				12	
03 Aug 2024	Weekend										10								1		4	

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
28-Jun-2024	Friday		2				3			
29-Jun-2024	Saturday	calm/rippled	15	40	9		8			
30-Jun-2024	Sunday	choppy	10	23				26	1153	58
01-Jul-2024	Monday (Canada Day)	choppy	12	32	6		8	24	0858	32
02-Jul-2024	Tuesday	frequent whitecaps	1	3						
03-Jul-2024	Wednesday	choppy	11	10			10	12	1032	18
04-Jul-2024	Thursday	choppy	2				9			
05-Jul-2024	Friday	calm/rippled	6	3	4		3			
06-Jul-2024	Saturday	calm/rippled	10	23	10		11	23	0909	33
07-Jul-2024	Sunday	calm/rippled	7	5	4		3			
08-Jul-2024	Monday	calm/rippled	21	65	22		10			
09-Jul-2024	Tuesday	calm/rippled	10	9			6	32	0844	43
10-Jul-2024	Wednesday	calm/rippled	4	8	1		3			
11-Jul-2024	Thursday	frequent whitecaps	11	22	3		6			
12-Jul-2024	Friday	choppy	8	8			7			
13-Jul-2024	Saturday	choppy	18	20	5		18	26	0902	37
14-Jul-2024	Sunday	choppy	6	9						
15-Jul-2024	Monday	choppy	5	2			4			
16-Jul-2024	Tuesday	calm/rippled	11	17	1		8	37	1237	74
17-Jul-2024	Wednesday	frequent whitecaps	12	13	2		12			
18-Jul-2024	Thursday	choppy	4				1			
19-Jul-2024	Friday	choppy	27	57	7		27			
20-Jul-2024	Saturday	choppy	20	60	14		16			
21-Jul-2024	Sunday		0							
22-Jul-2024	Monday	choppy	9	22	2					
23-Jul-2024	Tuesday	choppy	12	35	4		15			
24-Jul-2024	Wednesday	choppy	9	11	1		3			
25-Jul-2024	Thursday	choppy	20	38	12		9	16	0902	21
26-Jul-2024	Friday	calm/rippled	7	14	2		9			
27-Jul-2024	Saturday	choppy	15	23	4		15			
28-Jul-2024	Sunday	calm/rippled	3					9	0921	13
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	54
01-Aug-2024	Thursday	calm/rippled	7	14	1		4	59	0909	80
02-Aug-2024	Friday	calm/rippled	13	62	12		6			
03-Aug-2024	Saturday	calm/rippled	18	43	7		19			
	Totals	choppy	230	400	78		162	23*		42*
	Totals	choppy	91	172	43		71	21*		29*

* 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
Midweek	42	22	924	1.739	0.339		0.704	1607	313		650
Weekend	29	9	261	1.89	0.473		0.78	493	123		204

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	July	3373	7933	1405		2088
2020	July	1476	3212	1188	0	1772
2021	July	2179	4906	2981	2	3170
2022	July	1675	3889	1349	10	1892
2023	July	2424	3888	672		3848
2024	July	1313	2319	487		876
5-Yr Avg	July	2225	4766	1519	4	2554

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
Coho	375	83%	3%		%		11
Chinook	575	33%	4%		%		22

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	311	63%

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

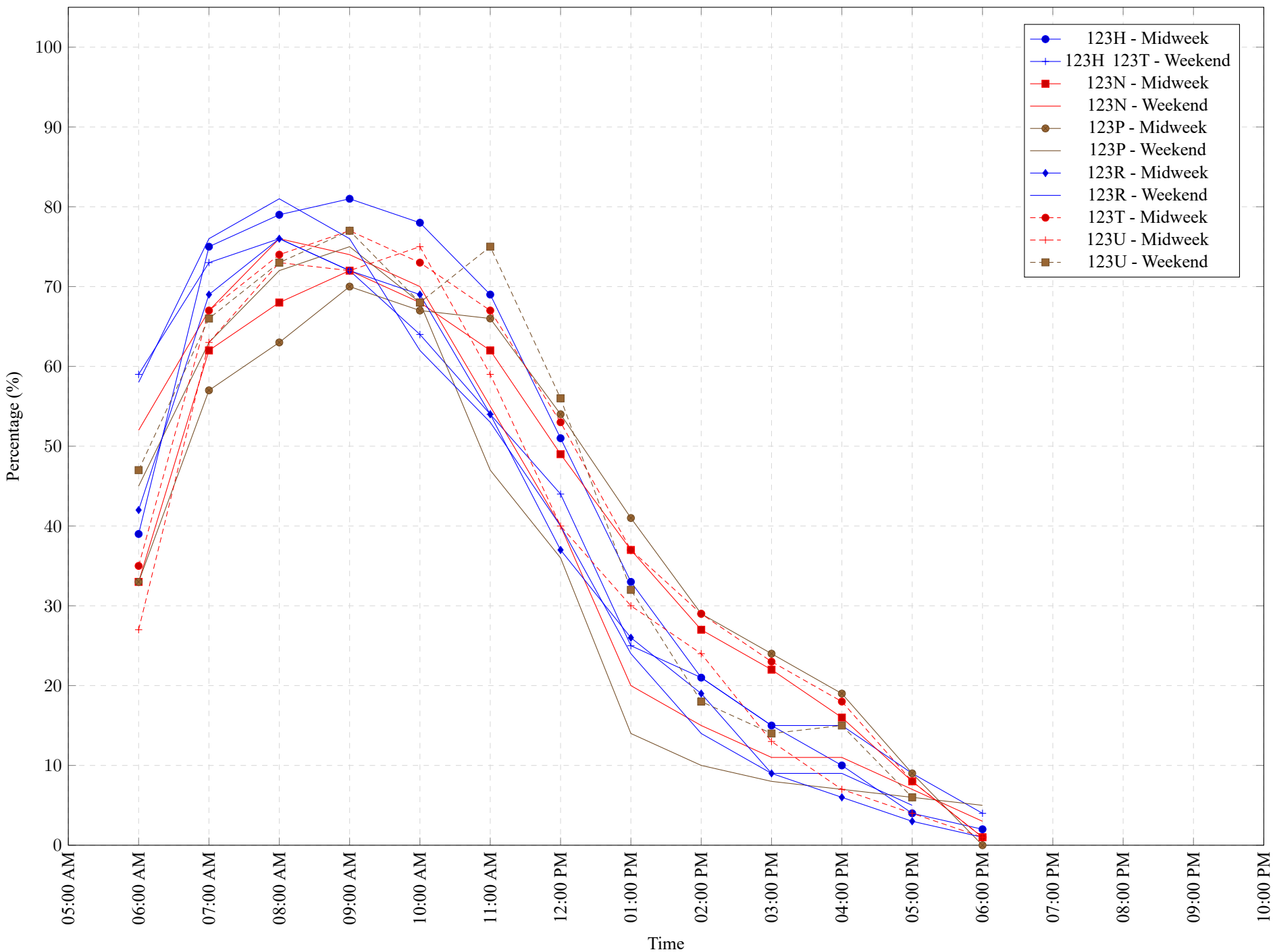


Table 7: Proportion of each day's fishing by hour.

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	39%	75%	79%	81%	78%	69%	51%	33%	21%	15%	10%	4%	2%	0%	0%	0%	0%
123H 123T	Weekend	59%	73%	76%	72%	64%	54%	44%	25%	21%	15%	15%	9%	4%	0%	0%	0%	0%
123N	Midweek	33%	62%	68%	72%	68%	62%	49%	37%	27%	22%	16%	8%	1%	0%	0%	0%	0%
123N	Weekend	52%	67%	76%	74%	70%	55%	40%	20%	15%	11%	11%	7%	3%	0%	0%	0%	0%
123P	Midweek	33%	57%	63%	70%	67%	66%	54%	41%	29%	24%	19%	9%	0%	0%	0%	0%	0%
123P	Weekend	45%	63%	72%	75%	68%	47%	36%	14%	10%	8%	7%	6%	5%	0%	0%	0%	0%
123R	Midweek	42%	69%	76%	72%	69%	54%	37%	26%	19%	9%	6%	3%	1%	0%	0%	0%	0%
123R	Weekend	58%	76%	81%	76%	62%	53%	40%	24%	14%	9%	9%	5%	0%	0%	0%	0%	0%
123T	Midweek	35%	67%	74%	77%	73%	67%	53%	37%	29%	23%	18%	8%	1%	0%	0%	0%	0%
123U	Midweek	27%	63%	73%	72%	75%	59%	40%	30%	24%	13%	7%	4%	1%	0%	0%	0%	0%
123U	Weekend	47%	66%	73%	77%	68%	75%	56%	32%	18%	14%	15%	6%	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	Port Renfrew Marina	Tofino Resort and Marina	Ucluelet Gov Dock
28 Jun 2024	Midweek											
29 Jun 2024	Weekend			calm/rippled								calm/rippled
30 Jun 2024	Weekend						calm/rippled		choppy			
01 Jul 2024	Weekend						choppy					choppy
02 Jul 2024	Midweek											frequent whitecaps
03 Jul 2024	Midweek											choppy
04 Jul 2024	Midweek					choppy						
05 Jul 2024	Midweek			calm/rippled								
06 Jul 2024	Weekend				frequent whitecaps							calm/rippled
07 Jul 2024	Weekend				calm/rippled			calm/rippled		calm/rippled		
08 Jul 2024	Midweek				choppy							calm/rippled
09 Jul 2024	Midweek						choppy		choppy			calm/rippled
10 Jul 2024	Midweek			calm/rippled		choppy						
11 Jul 2024	Midweek											frequent whitecaps
12 Jul 2024	Midweek			choppy								
13 Jul 2024	Weekend	frequent whitecaps			large swells							choppy
14 Jul 2024	Weekend								frequent whitecaps			choppy
15 Jul 2024	Midweek			choppy	choppy							
16 Jul 2024	Midweek											calm/rippled
17 Jul 2024	Midweek				frequent whitecaps							frequent whitecaps
18 Jul 2024	Midweek		frequent whitecaps					choppy				
19 Jul 2024	Midweek				choppy							calm/rippled
20 Jul 2024	Weekend						choppy					choppy
21 Jul 2024	Weekend											
22 Jul 2024	Midweek					large swells	calm/rippled					frequent whitecaps
23 Jul 2024	Midweek			choppy	choppy							
24 Jul 2024	Midweek		frequent whitecaps	choppy				calm/rippled				
25 Jul 2024	Midweek					frequent whitecaps						choppy
26 Jul 2024	Midweek											calm/rippled
27 Jul 2024	Weekend					choppy						calm/rippled
28 Jul 2024	Weekend				calm/rippled							
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						calm/rippled	calm/rippled
03 Aug 2024	Weekend											calm/rippled