

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 123 June 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Wednesday 7th August, 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	Pat Leslie Boat Launch	Poett Nook		Ucluelet Gov Dock		
Date	Day Type	AM	MD	PM	AM	MD	PM	AM	MD	MD	PM	AM	MD	AM	MD	PM
29 May 2024	Midweek															
30 May 2024	Midweek															
31 May 2024	Midweek															
01 Jun 2024	Weekend													4		
02 Jun 2024	Weekend															
03 Jun 2024	Midweek															
04 Jun 2024	Midweek								1							
05 Jun 2024	Midweek															
06 Jun 2024	Midweek															1
07 Jun 2024	Midweek			1												
08 Jun 2024	Weekend						4								12	
09 Jun 2024	Weekend												1			
10 Jun 2024	Midweek														13	
11 Jun 2024	Midweek														1	
12 Jun 2024	Midweek															
13 Jun 2024	Midweek															
14 Jun 2024	Midweek													2		
15 Jun 2024	Weekend		1		2											
16 Jun 2024	Weekend							1			3					2
17 Jun 2024	Midweek						1									
18 Jun 2024	Midweek													5		
19 Jun 2024	Midweek											1				
20 Jun 2024	Midweek	1			3										9	
21 Jun 2024	Midweek		2													
22 Jun 2024	Weekend						6								14	
23 Jun 2024	Weekend															2
24 Jun 2024	Midweek							2								6
25 Jun 2024	Midweek			2						3						
26 Jun 2024	Midweek															2
27 Jun 2024	Midweek														16	
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	

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-May-2024	Wednesday		0							
30-May-2024	Thursday		0							
31-May-2024	Friday		0							
01-Jun-2024	Saturday	calm/rippled	4	1				6	0836	7
02-Jun-2024	Sunday		0							
03-Jun-2024	Monday		0							
04-Jun-2024	Tuesday	large swells	1	1						
05-Jun-2024	Wednesday		1					0	0906	0
06-Jun-2024	Thursday	choppy	1		2					
07-Jun-2024	Friday	calm/rippled	4				11			
08-Jun-2024	Saturday	choppy	16	36			16	26	0919	33
09-Jun-2024	Sunday	choppy	1							
10-Jun-2024	Monday	calm/rippled	14	12	3		15			
11-Jun-2024	Tuesday	frequent whitecaps	1	4						
12-Jun-2024	Wednesday		1	5	2			1	0916	2
13-Jun-2024	Thursday		0							
14-Jun-2024	Friday	choppy	3	6	4					
15-Jun-2024	Saturday	frequent whitecaps	4	4			7	31	0859	39
16-Jun-2024	Sunday	calm/rippled	6	14	2		2			
17-Jun-2024	Monday	choppy	2	6						
18-Jun-2024	Tuesday	calm/rippled	8	19	1		2			
19-Jun-2024	Wednesday	choppy	4	9			3			
20-Jun-2024	Thursday	calm/rippled	13	28	4		1	14	0903	19
21-Jun-2024	Friday	calm/rippled	3	10			1			
22-Jun-2024	Saturday	frequent whitecaps	20	16	1		12			
23-Jun-2024	Sunday	frequent whitecaps	2	5				11	0903	14
24-Jun-2024	Monday	calm/rippled	9	8	3		5	18	0906	27
25-Jun-2024	Tuesday	calm/rippled	8	19			9			
26-Jun-2024	Wednesday	calm/rippled	3	3						
27-Jun-2024	Thursday	choppy	16	26	2		11			
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	50
01-Jul-2024	Monday (Canada Day)	choppy	12	32	6		8	24	0858	30
02-Jul-2024	Tuesday	frequent whitecaps	1	3						
03-Jul-2024	Wednesday	choppy	11	10			10	12	1032	20
	Totals	choppy	94	156	21		61	8*		12*
	Totals	choppy	78	139	12		45	20*		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
Weekend	29	10	290	1.782	0.154		0.577	517	45		167
Midweek	12	20	240	1.66	0.223		0.649	398	54		156

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2019	June	600	920	60		174
2020	June	361	136	19		373
2021	June	511	329	265		478
2022	June	388	503	26		400
2023	June	398	333	10		330
2024	June	624	705	57		536
5-Yr Avg	June	452	444	76		351

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	146	74%
iRec Anglers	1422	45%

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

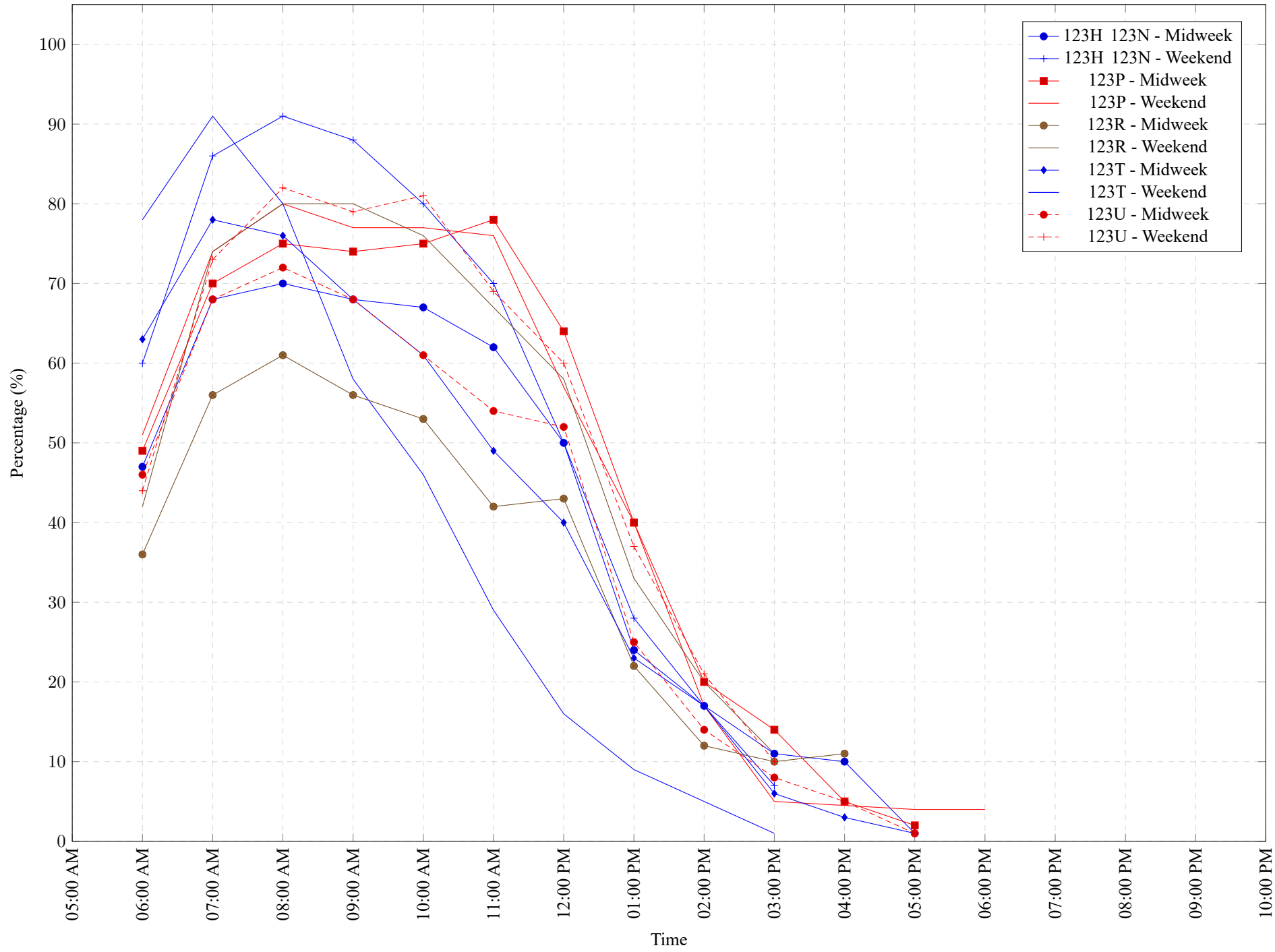


Table 7: Proportion of each day's fishing by hour.

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	123N	Midweek	47%	68%	70%	68%	67%	62%	50%	24%	17%	11%	10%	1%	0%	0%	0%	0%	0%
123H	123N	Weekend	60%	86%	91%	88%	80%	70%	50%	28%	17%	7%	0%	0%	0%	0%	0%	0%	0%
123P		Midweek	49%	70%	75%	74%	75%	78%	64%	40%	20%	14%	5%	2%	0%	0%	0%	0%	0%
123P		Weekend	51%	74%	80%	77%	77%	76%	57%	40%	17%	5%	0%	4%	4%	0%	0%	0%	0%
123R		Midweek	36%	56%	61%	56%	53%	42%	43%	22%	12%	10%	11%	0%	0%	0%	0%	0%	0%
123R		Weekend	42%	74%	80%	80%	76%	67%	58%	33%	20%	11%	0%	0%	0%	0%	0%	0%	0%
123T		Midweek	63%	78%	76%	68%	61%	49%	40%	23%	17%	6%	3%	1%	0%	0%	0%	0%	0%
123T		Weekend	78%	91%	80%	58%	46%	29%	16%	9%	5%	1%	0%	0%	0%	0%	0%	0%	0%
123U		Midweek	46%	68%	72%	68%	61%	54%	52%	25%	14%	8%	5%	1%	0%	0%	0%	0%	0%
123U		Weekend	44%	73%	82%	79%	81%	69%	60%	37%	21%	10%	0%	0%	0%	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	Pat Leslie Boat Launch	Poett Nook	Ucluelet Gov Dock
29 May 2024	Midweek								
30 May 2024	Midweek								
31 May 2024	Midweek								
01 Jun 2024	Weekend								calm/rippled
02 Jun 2024	Weekend								
03 Jun 2024	Midweek								
04 Jun 2024	Midweek				large swells				
05 Jun 2024	Midweek								
06 Jun 2024	Midweek								choppy
07 Jun 2024	Midweek		calm/rippled						
08 Jun 2024	Weekend			frequent whitecaps					choppy
09 Jun 2024	Weekend								choppy
10 Jun 2024	Midweek								calm/rippled
11 Jun 2024	Midweek								frequent whitecaps
12 Jun 2024	Midweek								
13 Jun 2024	Midweek								
14 Jun 2024	Midweek								choppy
15 Jun 2024	Weekend		choppy	frequent whitecaps					
16 Jun 2024	Weekend				choppy		calm/rippled		calm/rippled
17 Jun 2024	Midweek			choppy					
18 Jun 2024	Midweek								calm/rippled
19 Jun 2024	Midweek							choppy	
20 Jun 2024	Midweek	calm/rippled		choppy					calm/rippled
21 Jun 2024	Midweek		calm/rippled						
22 Jun 2024	Weekend			choppy					frequent whitecaps
23 Jun 2024	Weekend								frequent whitecaps
24 Jun 2024	Midweek			calm/rippled					calm/rippled
25 Jun 2024	Midweek		calm/rippled		calm/rippled				
26 Jun 2024	Midweek								calm/rippled
27 Jun 2024	Midweek								choppy
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