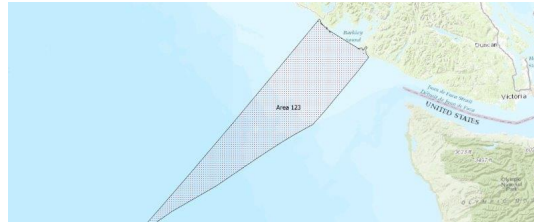


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 123 September 2022



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



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		Eagle Marine (Fuel Dock)	Island West			McKay Bay Gas Dock		Mills Landing		Ucluelet Gov Dock		
Date	Day Type	AM	PM	MD	AM	MD	PM	MD	PM	MD	PM	AM	MD	PM
29 Aug 2022	Midweek	1											8	
30 Aug 2022	Midweek					2					1			
31 Aug 2022	Midweek							5					19	
01 Sep 2022	Midweek			15										
02 Sep 2022	Midweek								8				21	
03 Sep 2022	Weekend						3	7						4
04 Sep 2022	Weekend					1			2				3	
05 Sep 2022	Weekend							6						
06 Sep 2022	Midweek					2				1				
07 Sep 2022	Midweek													
08 Sep 2022	Midweek												4	
09 Sep 2022	Midweek				3									6
10 Sep 2022	Weekend			21										
11 Sep 2022	Weekend	1			1									
12 Sep 2022	Midweek				2									
13 Sep 2022	Midweek			7				2						
14 Sep 2022	Midweek					2							10	
15 Sep 2022	Midweek									1			4	
16 Sep 2022	Midweek													
17 Sep 2022	Weekend									5			2	
18 Sep 2022	Weekend		1									1		
19 Sep 2022	Midweek													
20 Sep 2022	Midweek													
21 Sep 2022	Midweek			2										
22 Sep 2022	Midweek													
23 Sep 2022	Midweek													
24 Sep 2022	Weekend							1					3	
25 Sep 2022	Weekend												3	
26 Sep 2022	Midweek													
27 Sep 2022	Midweek													
28 Sep 2022	Midweek													
29 Sep 2022	Midweek													
30 Sep 2022	Midweek													
01 Oct 2022	Weekend													
02 Oct 2022	Weekend													
03 Oct 2022	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-2022	Monday	choppy	11	47	1		16	52	0855	70
30-Aug-2022	Tuesday	choppy	4	3			9			
31-Aug-2022	Wednesday	choppy	25	61	9		58			
01-Sep-2022	Thursday	calm/rippled	16	49	7		16			
02-Sep-2022	Friday	choppy	30	66	11		46			
03-Sep-2022	Saturday	choppy	16	18	8		1			
04-Sep-2022	Sunday	frequent whitecaps	6	14	3					
05-Sep-2022	Monday (Labour Day)	choppy	6		1		15	17	1054	22
06-Sep-2022	Tuesday	choppy	3				1	24	0905	32
07-Sep-2022	Wednesday		0							
08-Sep-2022	Thursday	choppy	4	23	7					
09-Sep-2022	Friday	calm/rippled	9	8	3		20			
10-Sep-2022	Saturday	choppy	22	10	3		48	30	0901	37
11-Sep-2022	Sunday	choppy	2							
12-Sep-2022	Monday	choppy	2				3			
13-Sep-2022	Tuesday	calm/rippled	10	2			10			
14-Sep-2022	Wednesday	calm/rippled	12	7	5		13			
15-Sep-2022	Thursday	calm/rippled	5	7	8			7	0912	9
16-Sep-2022	Friday		0							
17-Sep-2022	Saturday	choppy	7				10	14	0905	17
18-Sep-2022	Sunday	calm/rippled	2	3	1		1			
19-Sep-2022	Monday		0							
20-Sep-2022	Tuesday		0					8	0906	10
21-Sep-2022	Wednesday	calm/rippled	2		4					
22-Sep-2022	Thursday		0							
23-Sep-2022	Friday		0							
24-Sep-2022	Saturday	calm/rippled	4	14	21		9			
25-Sep-2022	Sunday	calm/rippled	3	2	1		7	5	0902	6
26-Sep-2022	Monday		0							
27-Sep-2022	Tuesday		0							
28-Sep-2022	Wednesday		0							
29-Sep-2022	Thursday		0							
30-Sep-2022	Friday		0					0	1526	0
01-Oct-2022	Saturday		0							
02-Oct-2022	Sunday		0							
03-Oct-2022	Monday		0							
	Totals	calm/rippled	93	162	45		109	10*		13*
	Totals	choppy	68	61	38		91	17*		21*

* 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	21	9	189	0.897	0.559		1.338	170	106		253
Midweek	13	21	273	1.742	0.484		1.172	476	132		320

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	September	724	945	226		9
2018	September	269	125	63		160
2019	September	1814	1251	359		9
2020	September	674	752	538		914
2021	September	450	544	715		542
2022	September	749	981	304		666
5-Yr Avg	September	786	723	380		327

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	235	84%	5%	138	65%	9%	12
Chinook	76	11%	17%	40	9%	33%	13

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	159	52%
iRec Anglers	817	53%

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

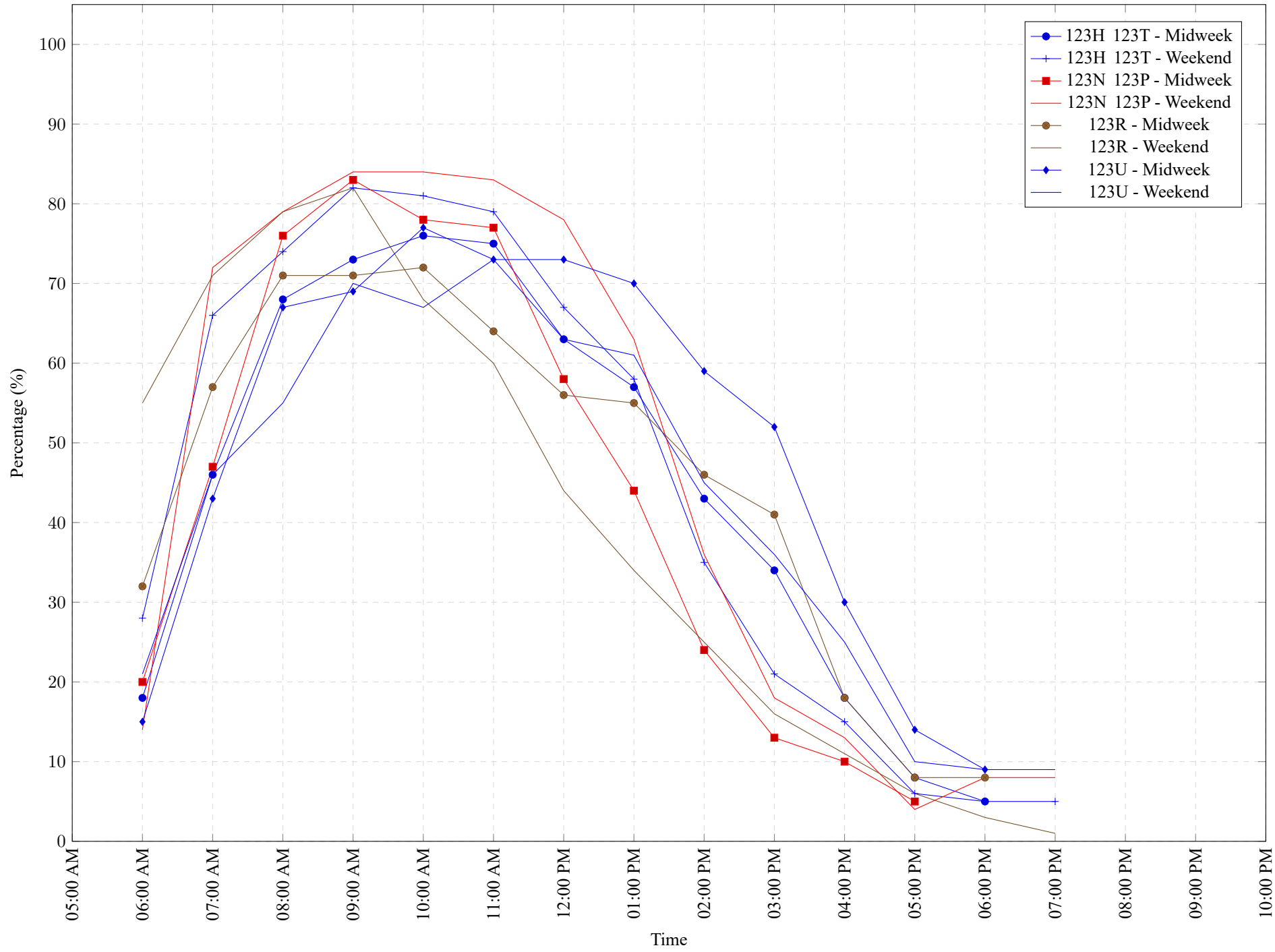


Table 7: Proportion of each day's fishing by hour.

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	123T	Midweek	18%	46%	68%	73%	76%	75%	63%	57%	43%	34%	18%	8%	5%	0%	0%	0%	0%
123H	123T	Weekend	28%	66%	74%	82%	81%	79%	67%	58%	35%	21%	15%	6%	5%	5%	0%	0%	0%
123N	123P	Midweek	20%	47%	76%	83%	78%	77%	58%	44%	24%	13%	10%	5%	0%	0%	0%	0%	0%
123N	123P	Weekend	14%	72%	79%	84%	84%	83%	78%	63%	36%	18%	13%	4%	8%	8%	0%	0%	0%
123R		Midweek	32%	57%	71%	71%	72%	64%	56%	55%	46%	41%	18%	8%	8%	0%	0%	0%	0%
123R		Weekend	55%	71%	79%	82%	68%	60%	44%	34%	25%	16%	11%	6%	3%	1%	0%	0%	0%
123U		Midweek	15%	43%	67%	69%	77%	73%	73%	70%	59%	52%	30%	14%	9%	0%	0%	0%	0%
123U		Weekend	21%	46%	55%	70%	67%	73%	63%	61%	45%	36%	25%	10%	9%	9%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Clutesi Ramp	Eagle Marine (Fuel Dock)	Island West	McKay Bay Gas Dock	Mills Landing	Ucluelet Gov Dock
29 Aug 2022	Midweek	calm/rippled		choppy	frequent whitecaps	calm/rippled	choppy
30 Aug 2022	Midweek						choppy
31 Aug 2022	Midweek						choppy
01 Sep 2022	Midweek	calm/rippled		choppy	choppy	choppy	choppy
02 Sep 2022	Midweek						
03 Sep 2022	Weekend	frequent whitecaps					
04 Sep 2022	Weekend	choppy		large swells choppy	choppy	choppy	choppy
05 Sep 2022	Weekend						
06 Sep 2022	Midweek						
07 Sep 2022	Midweek						
08 Sep 2022	Midweek						choppy
09 Sep 2022	Midweek			calm/rippled			calm/rippled
10 Sep 2022	Weekend	choppy	choppy	frequent whitecaps			
11 Sep 2022	Weekend						
12 Sep 2022	Midweek		calm/rippled	choppy			
13 Sep 2022	Midweek				choppy		
14 Sep 2022	Midweek			choppy			calm/rippled
15 Sep 2022	Midweek					choppy	calm/rippled
16 Sep 2022	Midweek						
17 Sep 2022	Weekend					frequent whitecaps	calm/rippled
18 Sep 2022	Weekend	calm/rippled					calm/rippled
19 Sep 2022	Midweek						
20 Sep 2022	Midweek						
21 Sep 2022	Midweek	calm/rippled					
22 Sep 2022	Midweek						
23 Sep 2022	Midweek						
24 Sep 2022	Weekend				calm/rippled		calm/rippled
25 Sep 2022	Weekend						calm/rippled
26 Sep 2022	Midweek						
27 Sep 2022	Midweek						
28 Sep 2022	Midweek						
29 Sep 2022	Midweek						
30 Sep 2022	Midweek						
01 Oct 2022	Weekend						
02 Oct 2022	Weekend						
03 Oct 2022	Midweek						