

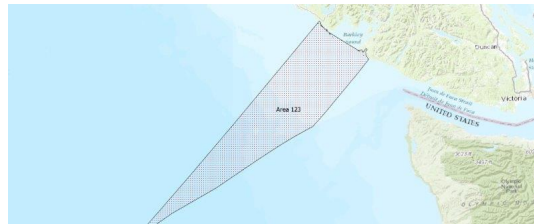
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 123 July 2022



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Thursday 19<sup>th</sup> 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.

		China Creek		Clutesi Ramp		Eagle Marine (Fuel Dock)		Island West			McKay Bay Gas Dock			Mills Landing		Poett Nook			Tofino Resort and Marina MD	Ucluelet Gov Dock		
Date	Day Type	MD	PM	AM	MD	AM	MD	AM	MD	PM	AM	MD	PM	MD	PM	AM	MD	PM	MD	AM	MD	PM
28 Jun 2022	Midweek																				5	
29 Jun 2022	Midweek											3									5	
30 Jun 2022	Midweek				1																	
01 Jul 2022	Weekend					7								1								
02 Jul 2022	Weekend						12															
03 Jul 2022	Weekend							6					2									
04 Jul 2022	Midweek														2						7	
05 Jul 2022	Midweek																					9
06 Jul 2022	Midweek								20				2								10	
07 Jul 2022	Midweek													4								
08 Jul 2022	Midweek							5														
09 Jul 2022	Weekend										2	2										
10 Jul 2022	Weekend																			5		
11 Jul 2022	Midweek								17													
12 Jul 2022	Midweek																				2	
13 Jul 2022	Midweek														2							2
14 Jul 2022	Midweek				1			5													2	
15 Jul 2022	Midweek															1						
16 Jul 2022	Weekend								21	4					3							5
17 Jul 2022	Weekend																					
18 Jul 2022	Midweek												2								13	
19 Jul 2022	Midweek																				16	
20 Jul 2022	Midweek							4									2					
21 Jul 2022	Midweek											7								8		
22 Jul 2022	Midweek					13								3								
23 Jul 2022	Weekend								22					6								
24 Jul 2022	Weekend															1						
25 Jul 2022	Midweek																				10	
26 Jul 2022	Midweek		2			13																
27 Jul 2022	Midweek																				13	
28 Jul 2022	Midweek				1			15				6										
29 Jul 2022	Midweek	1											7							9		
30 Jul 2022	Weekend										3											11
31 Jul 2022	Weekend				1					7												
01 Aug 2022	Weekend							3											1		20	
02 Aug 2022	Midweek																					6
03 Aug 2022	Midweek							38										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-2022	Tuesday	frequent whitecaps	5	20	4		1	3	0856	4
29-Jun-2022	Wednesday	choppy	5				11			
30-Jun-2022	Thursday	calm/rippled	6	6	1		11			
01-Jul-2022	Friday (Canada Day)	calm/rippled	11	19	8		20	21	0930	30
02-Jul-2022	Saturday	calm/rippled	12	21	1		6			
03-Jul-2022	Sunday	calm/rippled	8	6			8			
04-Jul-2022	Monday	choppy	9	33			18			
05-Jul-2022	Tuesday	choppy	13	19	2		25			
06-Jul-2022	Wednesday	calm/rippled	20	35	2		27	16	0859	22
07-Jul-2022	Thursday	calm/rippled	16	36	1		44			
08-Jul-2022	Friday	calm/rippled	9	18	5		9			
09-Jul-2022	Saturday	choppy	2				5	77	0851	100
10-Jul-2022	Sunday	choppy	8	12			2			
11-Jul-2022	Monday	choppy	22	7	1		51			
12-Jul-2022	Tuesday	frequent whitecaps	2	5				7	1003	9
13-Jul-2022	Wednesday	frequent whitecaps	4	15						
14-Jul-2022	Thursday	calm/rippled	6							
15-Jul-2022	Friday	frequent whitecaps	4	6	6					
16-Jul-2022	Saturday	choppy	25	100	4		85			
17-Jul-2022	Sunday	choppy	8	27	3		8	53	0858	69
18-Jul-2022	Monday	choppy	16	15	3	1	22	18	0936	24
19-Jul-2022	Tuesday	choppy	19	38	7		30			
20-Jul-2022	Wednesday	choppy	8	14	6		6			
21-Jul-2022	Thursday	choppy	15	21	17		10			
22-Jul-2022	Friday	choppy	20	81	27		12			
23-Jul-2022	Saturday	choppy	33	68	32		57	75	0902	103
24-Jul-2022	Sunday	calm/rippled	1							
25-Jul-2022	Monday	calm/rippled	16	52	19		1			
26-Jul-2022	Tuesday	choppy	15	31	20		8	87	0911	110
27-Jul-2022	Wednesday	choppy	14	55	24		5			
28-Jul-2022	Thursday	choppy	22	36	9		15			
29-Jul-2022	Friday	choppy	19	66	31		42			
30-Jul-2022	Saturday	choppy	16	51	42		16			
31-Jul-2022	Sunday	calm/rippled	8	7	3			0	0832	0
01-Aug-2022	Monday (B.C. Day)	choppy	26	75	25		10			
02-Aug-2022	Tuesday	calm/rippled	9	17	12		4			
03-Aug-2022	Wednesday	choppy	45	122	32		66			
	Totals	choppy	269	583	180	1	325	32*		41*
	Totals	choppy	132	311	93		207	45*		60*

\* 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	41	20	820	2.167	0.669	0.004	1.208	1777	549	3	991
Weekend	60	11	660	2.356	0.705		1.568	1555	465		1035

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	July	2611	7878	1897	38	2582
2018	July	2417	5674	2134		1896
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
5-Yr Avg	July	2411	5921	1921	13	2302

**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	1004	85%	4%	844	63%	5%	40
Chinook	788	30%	17%	545	27%	24%	133

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	399	62%
iRec Anglers	2796	60%

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

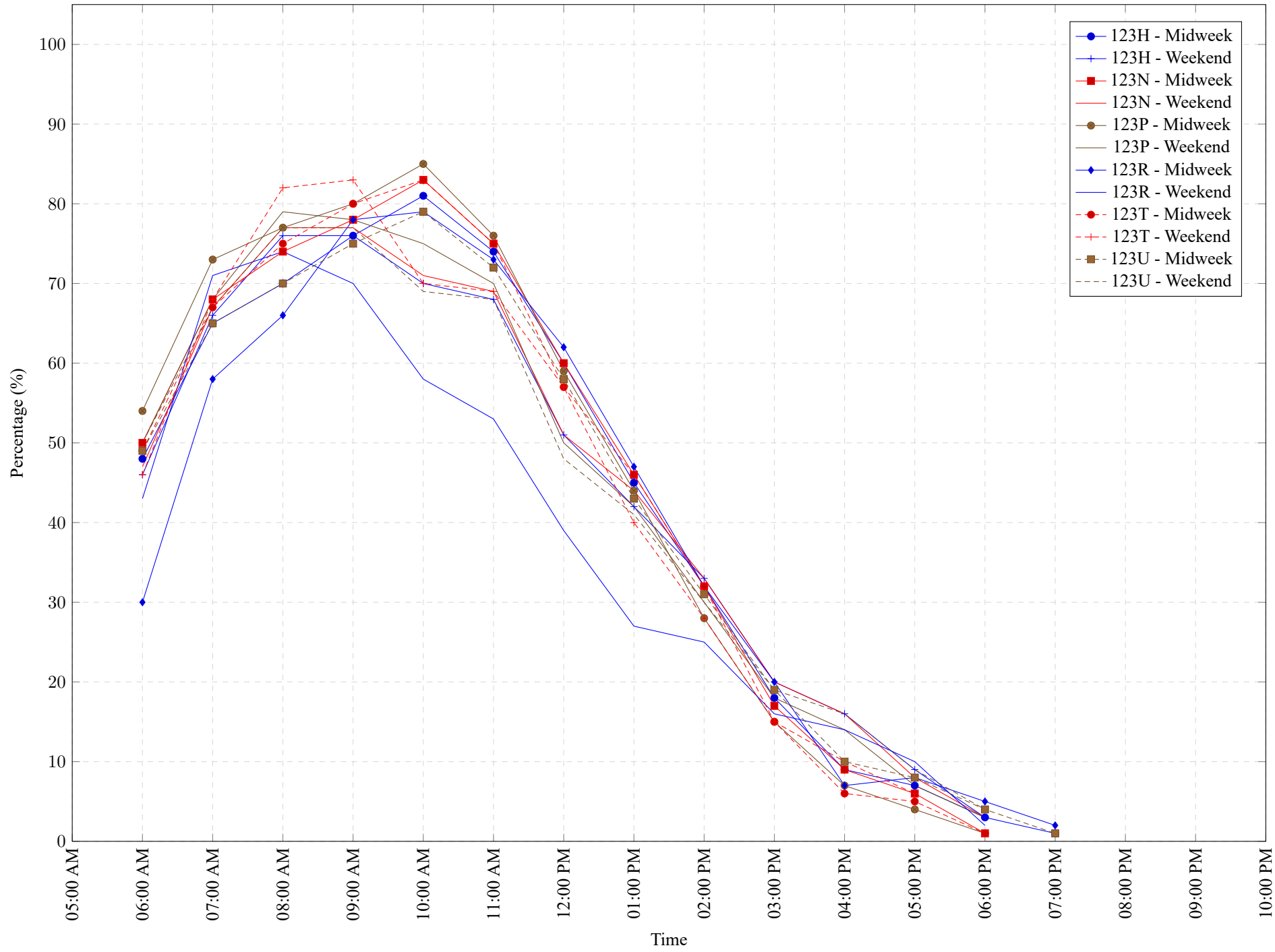


Table 7: Proportion of each day's fishing by hour.

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	48%	65%	70%	76%	81%	74%	60%	45%	32%	18%	9%	7%	3%	1%	0%	0%	0%
123H	Weekend	46%	66%	76%	76%	70%	68%	51%	42%	33%	20%	16%	9%	3%	0%	0%	0%	0%
123N	Midweek	50%	68%	74%	78%	83%	75%	60%	46%	32%	17%	9%	6%	1%	0%	0%	0%	0%
123N	Weekend	47%	67%	77%	77%	71%	69%	51%	44%	33%	20%	16%	8%	3%	0%	0%	0%	0%
123P	Midweek	54%	73%	77%	80%	85%	76%	59%	44%	28%	15%	7%	4%	1%	0%	0%	0%	0%
123P	Weekend	50%	68%	79%	78%	75%	70%	50%	42%	30%	18%	14%	7%	3%	0%	0%	0%	0%
123R	Midweek	30%	58%	66%	78%	79%	73%	62%	47%	32%	20%	7%	8%	5%	2%	0%	0%	0%
123R	Weekend	43%	71%	74%	70%	58%	53%	39%	27%	25%	16%	14%	10%	2%	0%	0%	0%	0%
123T	Midweek	49%	67%	75%	80%	83%	75%	57%	46%	32%	15%	6%	5%	1%	0%	0%	0%	0%
123T	Weekend	46%	68%	82%	83%	70%	69%	57%	40%	28%	15%	10%	6%	0%	0%	0%	0%	0%
123U	Midweek	49%	65%	70%	75%	79%	72%	58%	43%	31%	19%	10%	8%	4%	1%	0%	0%	0%
123U	Weekend	50%	67%	77%	77%	69%	68%	48%	41%	30%	19%	16%	9%	4%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

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