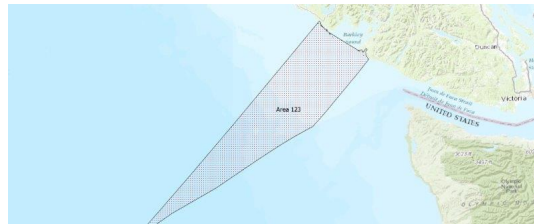


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 123 September 2020



Prepared By:
South Coast Salmon Stock Assessment Section

Saturday 20th February, 2021



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

Date	Day Type	Clutesi Ramp	Eagle Marine (Fuel Dock) PM	Island West PM	McKay Bay Gas Dock		Mills Landing MD	Ucluelet Gov Dock MD
		MD			AM	MD		
29 Aug 2020	Weekend							
30 Aug 2020	Weekend							
31 Aug 2020	Midweek				1			
01 Sep 2020	Midweek							2
02 Sep 2020	Midweek							
03 Sep 2020	Midweek					1		3
04 Sep 2020	Midweek			1			2	
05 Sep 2020	Weekend				1			
06 Sep 2020	Weekend							4
07 Sep 2020	Weekend							
08 Sep 2020	Midweek							
09 Sep 2020	Midweek							
10 Sep 2020	Midweek	1	4					
11 Sep 2020	Midweek							
12 Sep 2020	Weekend							4
13 Sep 2020	Weekend							
14 Sep 2020	Midweek							
15 Sep 2020	Midweek							
16 Sep 2020	Midweek							
17 Sep 2020	Midweek							
18 Sep 2020	Midweek							
19 Sep 2020	Weekend							
20 Sep 2020	Weekend							
21 Sep 2020	Midweek							
22 Sep 2020	Midweek							
23 Sep 2020	Midweek							
24 Sep 2020	Midweek							
25 Sep 2020	Midweek							
26 Sep 2020	Weekend							
27 Sep 2020	Weekend							
28 Sep 2020	Midweek							
29 Sep 2020	Midweek							
30 Sep 2020	Midweek							
01 Oct 2020	Midweek							
02 Oct 2020	Midweek							
03 Oct 2020	Weekend							

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-2020	Saturday		0					0	0959	0
30-Aug-2020	Sunday		0							
31-Aug-2020	Monday	calm/rippled	1					9	0855	12
01-Sep-2020	Tuesday	choppy	2				3			
02-Sep-2020	Wednesday		0							
03-Sep-2020	Thursday	calm/rippled	4	8	15		7	9	1037	11
04-Sep-2020	Friday	choppy	4	9	12		5			
05-Sep-2020	Saturday	calm/rippled	1				4	39	1035	48
06-Sep-2020	Sunday	calm/rippled	4	5	5		10			
07-Sep-2020	Monday (Labour Day)		0							
08-Sep-2020	Tuesday		0							
09-Sep-2020	Wednesday		0							
10-Sep-2020	Thursday	choppy	5	3	5		23	15	0940	19
11-Sep-2020	Friday		0							
12-Sep-2020	Saturday	calm/rippled	4	3	20		10			
13-Sep-2020	Sunday		0							
14-Sep-2020	Monday		0							
15-Sep-2020	Tuesday		0							
16-Sep-2020	Wednesday		0							
17-Sep-2020	Thursday		0					2	1106	3
18-Sep-2020	Friday		0							
19-Sep-2020	Saturday		0							
20-Sep-2020	Sunday		0							
21-Sep-2020	Monday		0					1	1023	1
22-Sep-2020	Tuesday		0							
23-Sep-2020	Wednesday		0							
24-Sep-2020	Thursday		0							
25-Sep-2020	Friday		0							
26-Sep-2020	Saturday		0					0	1016	0
27-Sep-2020	Sunday		0							
28-Sep-2020	Monday		0							
29-Sep-2020	Tuesday		0							
30-Sep-2020	Wednesday		0							
01-Oct-2020	Thursday		0							
02-Oct-2020	Friday		0							
03-Oct-2020	Saturday		0							
	Totals	choppy	15	20	32		38	7*		9*
	Totals	calm/rippled	9	8	25		24	20*		24*

* 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	24	9	216	0.8890	2.7780		2.6670	192	600		576
Midweek	9	21	189	1.3330	2.1330		2.5330	252	403		479

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	September	204	136	38		37
2016	September	91	170	114		24
2017	September	103	53	0		8
2018	September	269	125	63		160
2019	September	335	20	6		9
2020	September	401	247	508		914
5-Yr Avg	September	200	101	44		48

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	496	98%	3%	423	85%	3%	13
Chinook	79	37%	19%	79	25%	19%	15

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	25	57%
iRec Anglers	1245	17%

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

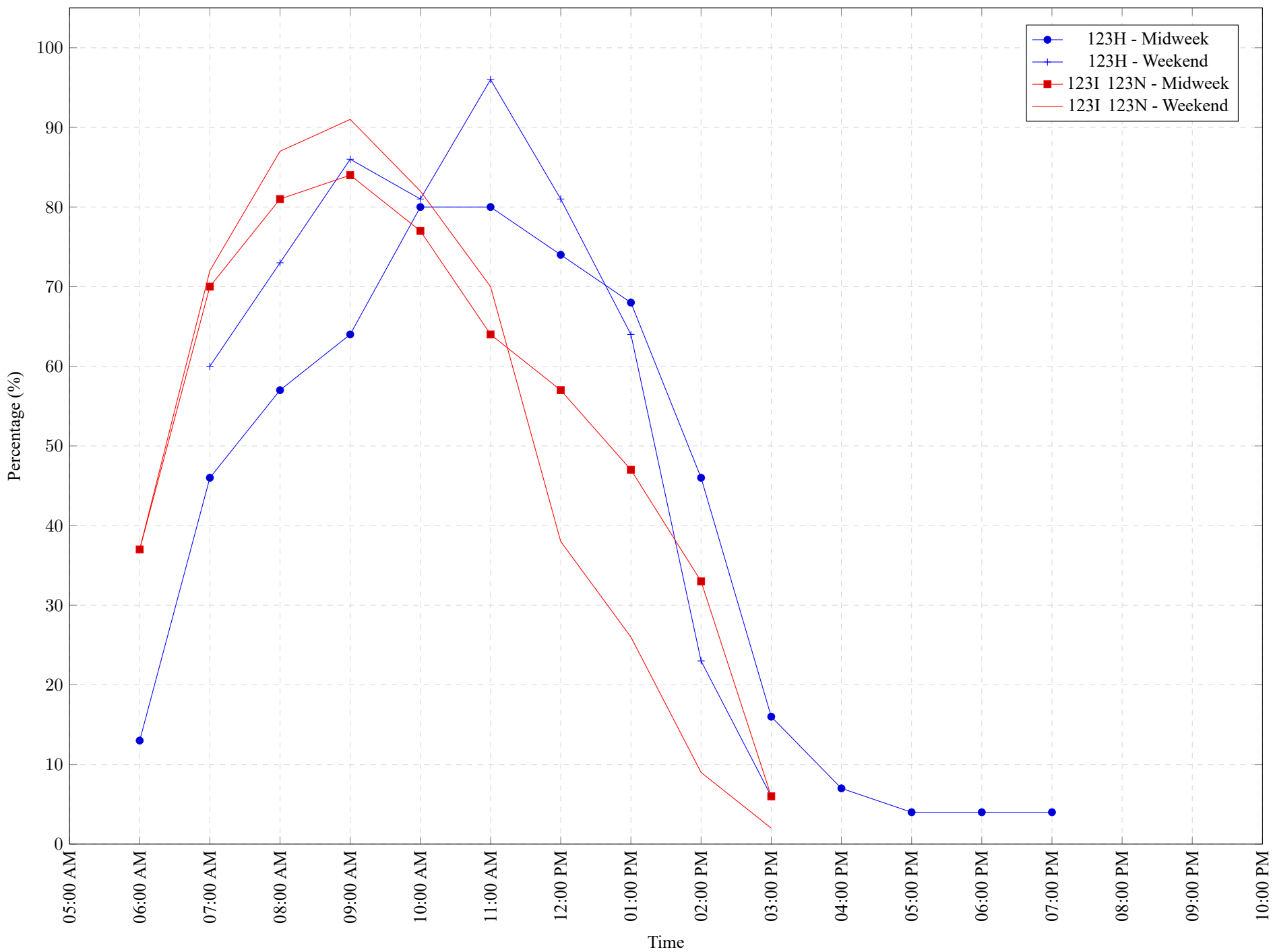


Table 7: Proportion of each day's fishing by hour.

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	13%	46%	57%	64%	80%	80%	74%	68%	46%	16%	7%	4%	4%	4%	0%	0%	0%
123H	Weekend	0%	60%	73%	86%	81%	96%	81%	64%	23%	6%	0%	0%	0%	0%	0%	0%	0%
123I 123N	Midweek	37%	70%	81%	84%	77%	64%	57%	47%	33%	6%	0%	0%	0%	0%	0%	0%	0%
123I 123N	Weekend	37%	72%	87%	91%	82%	70%	38%	26%	9%	2%	0%	0%	0%	0%	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 2020	Weekend						
30 Aug 2020	Weekend						
31 Aug 2020	Midweek				calm/rippled		
01 Sep 2020	Midweek						choppy
02 Sep 2020	Midweek						
03 Sep 2020	Midweek				choppy		calm/rippled
04 Sep 2020	Midweek			choppy		choppy	
05 Sep 2020	Weekend				calm/rippled		
06 Sep 2020	Weekend						calm/rippled
07 Sep 2020	Weekend						
08 Sep 2020	Midweek						
09 Sep 2020	Midweek						
10 Sep 2020	Midweek	choppy	choppy				
11 Sep 2020	Midweek						
12 Sep 2020	Weekend						calm/rippled
13 Sep 2020	Weekend						
14 Sep 2020	Midweek						
15 Sep 2020	Midweek						
16 Sep 2020	Midweek						
17 Sep 2020	Midweek						
18 Sep 2020	Midweek						
19 Sep 2020	Weekend						
20 Sep 2020	Weekend						
21 Sep 2020	Midweek						
22 Sep 2020	Midweek						
23 Sep 2020	Midweek						
24 Sep 2020	Midweek						
25 Sep 2020	Midweek						
26 Sep 2020	Weekend						
27 Sep 2020	Weekend						
28 Sep 2020	Midweek						
29 Sep 2020	Midweek						
30 Sep 2020	Midweek						
01 Oct 2020	Midweek						
02 Oct 2020	Midweek						
03 Oct 2020	Weekend						