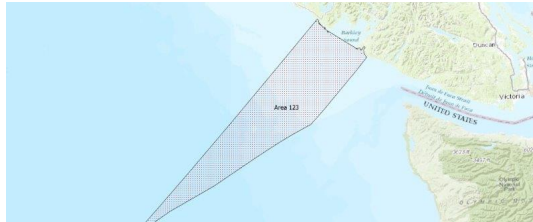


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 123 September 2019



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



Fisheries and Oceans
Canada

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Canada



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

Date	Day Type	Eagle Marine (Fuel Dock) MD	Ucluelet Gov Dock MD
29 Aug 2019	Midweek	1	
30 Aug 2019	Midweek		
31 Aug 2019	Weekend		
01 Sep 2019	Weekend		
02 Sep 2019	Weekend		
03 Sep 2019	Midweek		1
04 Sep 2019	Midweek		
05 Sep 2019	Midweek		
06 Sep 2019	Midweek		
07 Sep 2019	Weekend		
08 Sep 2019	Weekend		
09 Sep 2019	Midweek		
10 Sep 2019	Midweek		
11 Sep 2019	Midweek		
12 Sep 2019	Midweek		
13 Sep 2019	Midweek		
14 Sep 2019	Weekend		
15 Sep 2019	Weekend		
16 Sep 2019	Midweek		
17 Sep 2019	Midweek		
18 Sep 2019	Midweek		
19 Sep 2019	Midweek		
20 Sep 2019	Midweek		
21 Sep 2019	Weekend		
22 Sep 2019	Weekend		
23 Sep 2019	Midweek		
24 Sep 2019	Midweek		
25 Sep 2019	Midweek		
26 Sep 2019	Midweek		
27 Sep 2019	Midweek		
28 Sep 2019	Weekend		
29 Sep 2019	Weekend		
30 Sep 2019	Midweek		
01 Oct 2019	Midweek		
02 Oct 2019	Midweek		
03 Oct 2019	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-2019	Thursday	choppy	1				2			
30-Aug-2019	Friday		2				6			
31-Aug-2019	Saturday		0					9	0948	39
01-Sep-2019	Sunday		0							
02-Sep-2019	Monday (Labour Day)		1				3			
03-Sep-2019	Tuesday									
03-Sep-2019	Tuesday	calm/rippled	1	4	8					
04-Sep-2019	Wednesday		0							
05-Sep-2019	Thursday		0							
06-Sep-2019	Friday		0							
07-Sep-2019	Saturday		2	7	6			12	0959	50
08-Sep-2019	Sunday		0							
09-Sep-2019	Monday		0							
10-Sep-2019	Tuesday		0							
11-Sep-2019	Wednesday		0					0	0940	0
12-Sep-2019	Thursday		0							
13-Sep-2019	Friday		0							
14-Sep-2019	Saturday		0							
15-Sep-2019	Sunday		0							
16-Sep-2019	Monday		0							
17-Sep-2019	Tuesday		0							
18-Sep-2019	Wednesday		0					0	0940	0
19-Sep-2019	Thursday		0							
20-Sep-2019	Friday		0							
21-Sep-2019	Saturday		0							
22-Sep-2019	Sunday		0							
23-Sep-2019	Monday		0							
24-Sep-2019	Tuesday		0							
25-Sep-2019	Wednesday		0							
26-Sep-2019	Thursday		0							
27-Sep-2019	Friday		0							
28-Sep-2019	Saturday		0							
29-Sep-2019	Sunday		0					2	1038	8
30-Sep-2019	Monday		0							
01-Oct-2019	Tuesday		0							
02-Oct-2019	Wednesday		0							
03-Oct-2019	Thursday		0							
	Totals	calm/rippled	1	4	8			0*		0*
	Totals		3	7	6		3	7*		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	2.3330	2		1	677	580		290
Midweek	0	20	0	4	8			0	0		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	September	221	338	1347		243
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
5-Yr Avg	September	178	164	312		94

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	2	33%	650%	120	78%	11%	13
Chinook	9	45%	256%	204	52%	11%	23

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	11	100%
iRec Anglers	565	68%
iRec Responses	15	27%

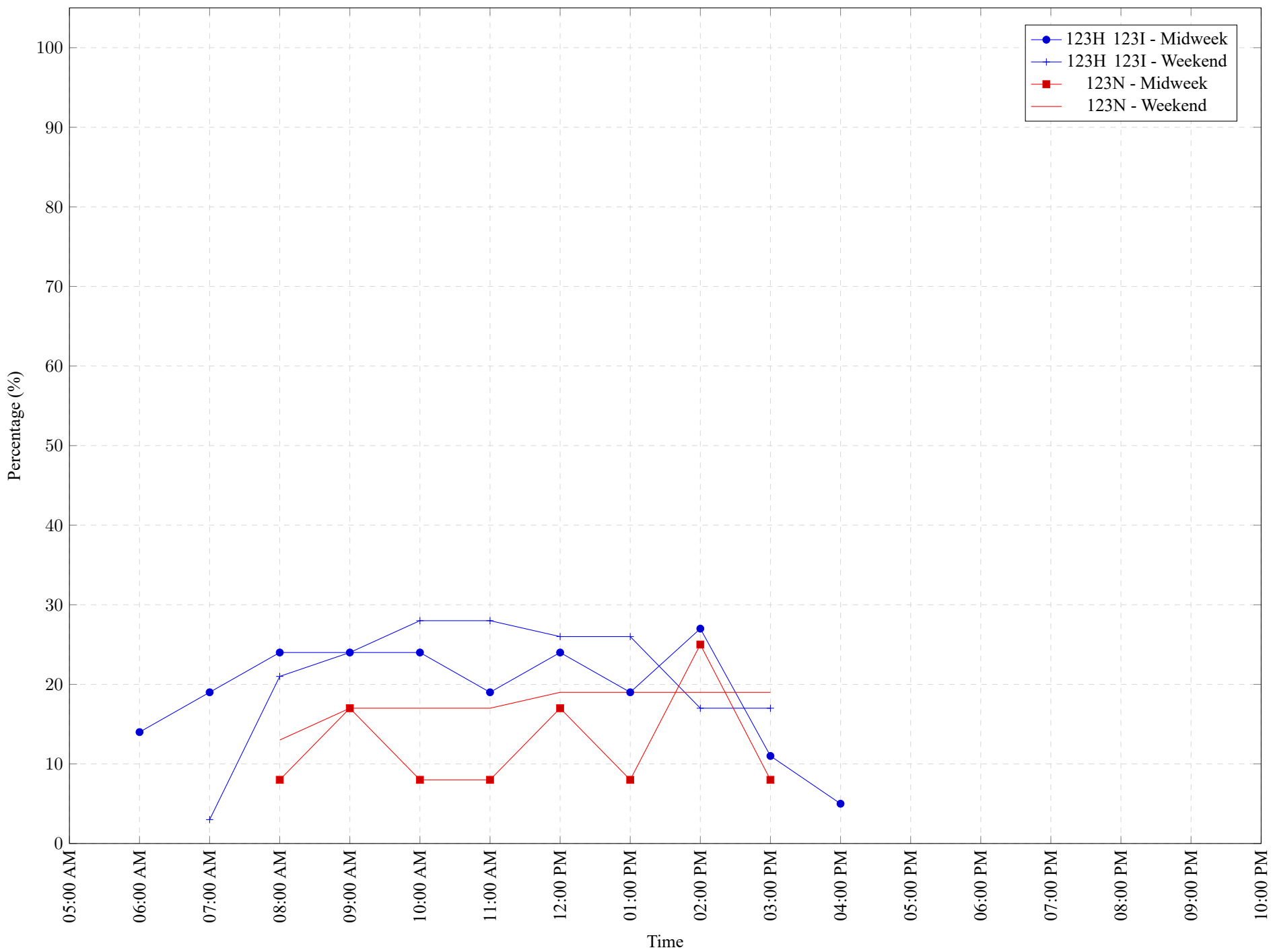
Figure 1: Proportion of each day's fishing by hour.

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	123I	Midweek	14%	19%	24%	24%	24%	19%	24%	19%	27%	11%	5%	0%	0%	0%	0%	0%	0%
123H	123I	Weekend	0%	3%	21%	24%	28%	28%	26%	26%	17%	17%	0%	0%	0%	0%	0%	0%	0%
	123N	Midweek	0%	0%	8%	17%	8%	8%	17%	8%	25%	8%	0%	0%	0%	0%	0%	0%	0%
	123N	Weekend	0%	0%	13%	17%	17%	17%	19%	19%	19%	19%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Eagle Marine (Fuel Dock)	Ucluelet Gov Dock
29 Aug 2019	Midweek	choppy	
30 Aug 2019	Midweek		
31 Aug 2019	Weekend		
01 Sep 2019	Weekend		
02 Sep 2019	Weekend		
03 Sep 2019	Midweek		calm/rippled
04 Sep 2019	Midweek		
05 Sep 2019	Midweek		
06 Sep 2019	Midweek		
07 Sep 2019	Weekend		
08 Sep 2019	Weekend		
09 Sep 2019	Midweek		
10 Sep 2019	Midweek		
11 Sep 2019	Midweek		
12 Sep 2019	Midweek		
13 Sep 2019	Midweek		
14 Sep 2019	Weekend		
15 Sep 2019	Weekend		
16 Sep 2019	Midweek		
17 Sep 2019	Midweek		
18 Sep 2019	Midweek		
19 Sep 2019	Midweek		
20 Sep 2019	Midweek		
21 Sep 2019	Weekend		
22 Sep 2019	Weekend		
23 Sep 2019	Midweek		
24 Sep 2019	Midweek		
25 Sep 2019	Midweek		
26 Sep 2019	Midweek		
27 Sep 2019	Midweek		
28 Sep 2019	Weekend		
29 Sep 2019	Weekend		
30 Sep 2019	Midweek		
01 Oct 2019	Midweek		
02 Oct 2019	Midweek		
03 Oct 2019	Midweek		