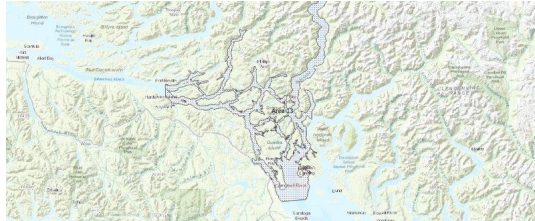


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 13 October 2019



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



Fisheries and Oceans
Canada

Pêches et Océans
Canada

**your
catch
counts**

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

Date	Day Type	Big Rock Boat Rental		Brown's Bay	Discovery Marina South	Painter's
		AM	PM	PM	PM	MD
28 Sep 2019	Weekend				4	
29 Sep 2019	Weekend			5		
30 Sep 2019	Midweek				4	
01 Oct 2019	Midweek					
02 Oct 2019	Midweek					
03 Oct 2019	Midweek					
04 Oct 2019	Midweek					1
05 Oct 2019	Weekend					
06 Oct 2019	Weekend					
07 Oct 2019	Midweek					
08 Oct 2019	Midweek					
09 Oct 2019	Midweek					
10 Oct 2019	Midweek					
11 Oct 2019	Midweek					
12 Oct 2019	Weekend					
13 Oct 2019	Weekend					
14 Oct 2019	Weekend					
15 Oct 2019	Midweek					
16 Oct 2019	Midweek			1		
17 Oct 2019	Midweek					
18 Oct 2019	Midweek				1	
19 Oct 2019	Weekend					
20 Oct 2019	Weekend					
21 Oct 2019	Midweek					
22 Oct 2019	Midweek					
23 Oct 2019	Midweek					
24 Oct 2019	Midweek	2				
25 Oct 2019	Midweek					
26 Oct 2019	Weekend		5			
27 Oct 2019	Weekend					
28 Oct 2019	Midweek					
29 Oct 2019	Midweek					
30 Oct 2019	Midweek					
31 Oct 2019	Midweek					
01 Nov 2019	Midweek					
02 Nov 2019	Weekend					
03 Nov 2019	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
28-Sep-2019	Saturday	choppy	5	1						
29-Sep-2019	Sunday	calm/rippled	7	2	1			54	1156	75
30-Sep-2019	Monday	calm/rippled	5	3						
01-Oct-2019	Tuesday		0							
02-Oct-2019	Wednesday		0							
03-Oct-2019	Thursday		1	1						
04-Oct-2019	Friday	choppy	1							
05-Oct-2019	Saturday		0							
06-Oct-2019	Sunday		0					17	1149	23
07-Oct-2019	Monday		0							
08-Oct-2019	Tuesday		0							
09-Oct-2019	Wednesday		1							
10-Oct-2019	Thursday		0							
11-Oct-2019	Friday		0					23	1148	32
12-Oct-2019	Saturday		1					22	1146	35
13-Oct-2019	Sunday		0							
14-Oct-2019	Monday (Thanksgiving)		1	1						
15-Oct-2019	Tuesday		0							
16-Oct-2019	Wednesday	choppy	1							
17-Oct-2019	Thursday		0					2	1140	2
18-Oct-2019	Friday	choppy	2							
19-Oct-2019	Saturday		0							
20-Oct-2019	Sunday		0					1	1211	2
21-Oct-2019	Monday		0							
22-Oct-2019	Tuesday		0							
23-Oct-2019	Wednesday		0							
24-Oct-2019	Thursday	calm/rippled	2							
25-Oct-2019	Friday		1							
26-Oct-2019	Saturday	choppy	5	1						
27-Oct-2019	Sunday		0							
28-Oct-2019	Monday		0					17	1154	22
29-Oct-2019	Tuesday		0							
30-Oct-2019	Wednesday		0							
31-Oct-2019	Thursday		1							
01-Nov-2019	Friday		0							
02-Nov-2019	Saturday		0							
03-Nov-2019	Sunday		0							
	Totals	choppy	10	1				14*		19*
	Totals	choppy	7	2				13*		20*

* 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	20	9	180	0.2860				51			
Midweek	19	22	418	0.10				42			

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	October	789	72	313	10	
2017	October	1241	18	46		
2018	October	1434	76	1	4	
2019	October	376	19			0
5-Yr Avg	October	1155	55	120	7	

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		%			%		1
Chinook	1	5%	100%	15	50%	7%	1

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	16	11%
iRec Anglers	1040	5%
iRec Responses	23	17%

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

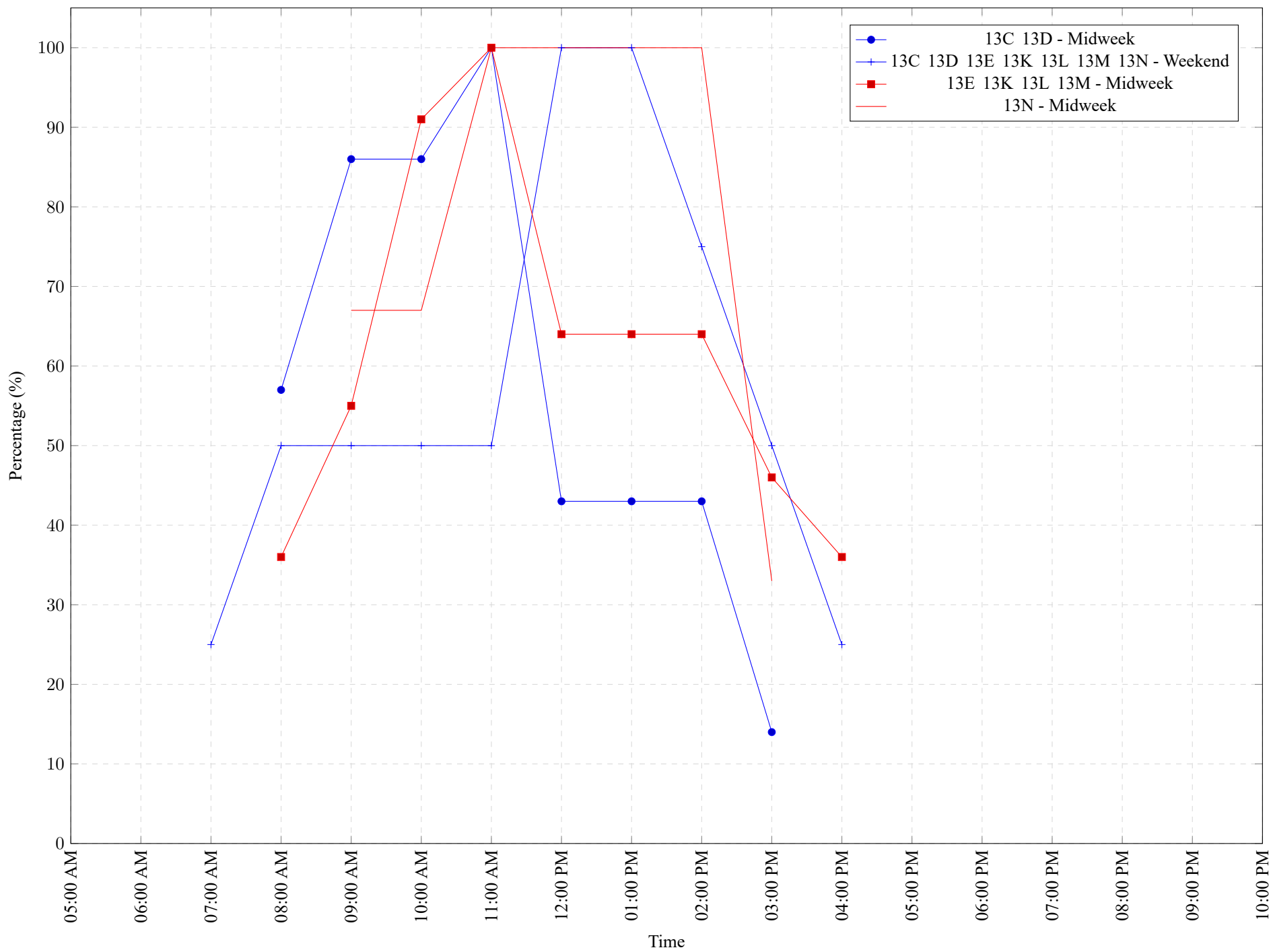


Table 7: Proportion of each day's fishing by hour.

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
13C 13D		Midweek	0%	0%	57%	86%	86%	100%	43%	43%	43%	14%	0%	0%	0%	0%	0%	0%	0%
13C 13D 13E 13K 13L 13M 13N		Weekend	0%	25%	50%	50%	50%	50%	100%	100%	75%	50%	25%	0%	0%	0%	0%	0%	0%
13E 13K 13L 13M		Midweek	0%	0%	36%	55%	91%	100%	64%	64%	64%	46%	36%	0%	0%	0%	0%	0%	0%
13N		Midweek	0%	0%	0%	67%	67%	100%	100%	100%	100%	33%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Big Rock Boat Rental	Brown's Bay	Discovery Marina South	Painter's
28 Sep 2019	Weekend			choppy	
29 Sep 2019	Weekend		calm/rippled		
30 Sep 2019	Midweek			calm/rippled	
01 Oct 2019	Midweek				
02 Oct 2019	Midweek				
03 Oct 2019	Midweek				
04 Oct 2019	Midweek				choppy
05 Oct 2019	Weekend				
06 Oct 2019	Weekend				
07 Oct 2019	Midweek				
08 Oct 2019	Midweek				
09 Oct 2019	Midweek				
10 Oct 2019	Midweek				
11 Oct 2019	Midweek				
12 Oct 2019	Weekend				
13 Oct 2019	Weekend				
14 Oct 2019	Weekend				
15 Oct 2019	Midweek				
16 Oct 2019	Midweek		choppy		
17 Oct 2019	Midweek				
18 Oct 2019	Midweek			choppy	
19 Oct 2019	Weekend				
20 Oct 2019	Weekend				
21 Oct 2019	Midweek				
22 Oct 2019	Midweek				
23 Oct 2019	Midweek				
24 Oct 2019	Midweek	calm/rippled			
25 Oct 2019	Midweek				
26 Oct 2019	Weekend	choppy			
27 Oct 2019	Weekend				
28 Oct 2019	Midweek				
29 Oct 2019	Midweek				
30 Oct 2019	Midweek				
31 Oct 2019	Midweek				
01 Nov 2019	Midweek				
02 Nov 2019	Weekend				
03 Nov 2019	Weekend				