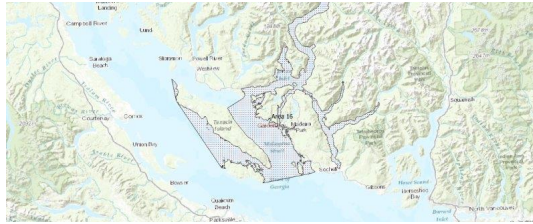


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 16 September 2019



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 27th August, 2020



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	Bucaneer PM	Cooper's Green PM	Egmont PM	Madeira PM	Saltery Bay AM
29 Aug 2019	Midweek					
30 Aug 2019	Midweek					
31 Aug 2019	Weekend			3		
01 Sep 2019	Weekend					
02 Sep 2019	Weekend					3
03 Sep 2019	Midweek					
04 Sep 2019	Midweek					
05 Sep 2019	Midweek					
06 Sep 2019	Midweek				2	
07 Sep 2019	Weekend		3			
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		1			
20 Sep 2019	Midweek					
21 Sep 2019	Weekend					
22 Sep 2019	Weekend					
23 Sep 2019	Midweek	1				
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		0					20	1110	26
30-Aug-2019	Friday		1	1						
31-Aug-2019	Saturday	calm/rippled	3							
01-Sep-2019	Sunday		0					20	1251	34
02-Sep-2019	Monday (Labour Day)	calm/rippled	3		1					
03-Sep-2019	Tuesday		0							
04-Sep-2019	Wednesday		0							
05-Sep-2019	Thursday		0					17	1241	23
06-Sep-2019	Friday	choppy	2	1						
07-Sep-2019	Saturday	calm/rippled	3	1						
08-Sep-2019	Sunday		0					9	1246	16
09-Sep-2019	Monday		0							
10-Sep-2019	Tuesday		0							
11-Sep-2019	Wednesday		0							
12-Sep-2019	Thursday		0							
13-Sep-2019	Friday		1	2						
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							
19-Sep-2019	Thursday	calm/rippled	1							
20-Sep-2019	Friday		0							
21-Sep-2019	Saturday		0					7	1246	12
22-Sep-2019	Sunday		0							
23-Sep-2019	Monday	choppy	1					4	1248	5
24-Sep-2019	Tuesday		0							
25-Sep-2019	Wednesday		0							
26-Sep-2019	Thursday		0							
27-Sep-2019	Friday		0					1	1247	1
28-Sep-2019	Saturday		0							
29-Sep-2019	Sunday		0					15	1247	25
30-Sep-2019	Monday		0							
01-Oct-2019	Tuesday		0							
02-Oct-2019	Wednesday		0							
03-Oct-2019	Thursday		0							
	Totals	choppy	5	3				7*		10*
	Totals	calm/rippled	6	1	1			13*		22*

* 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	10	20	200	0.60				120			
Weekend	22	10	220	0.1670	0.1670			37	37		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	September	899	119			
2015	September	1127		44		
2016	September	1540	785	27		
2017	September	999	132	12		
2018	September	990	76		35	
2019	September	344	49	42		0
5-Yr Avg	September	1111	278	28	35	

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
Chinook	0	0%		51	100%	8%	4

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	10	0%
iRec Anglers	1538	7%
iRec Responses	32	0%

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

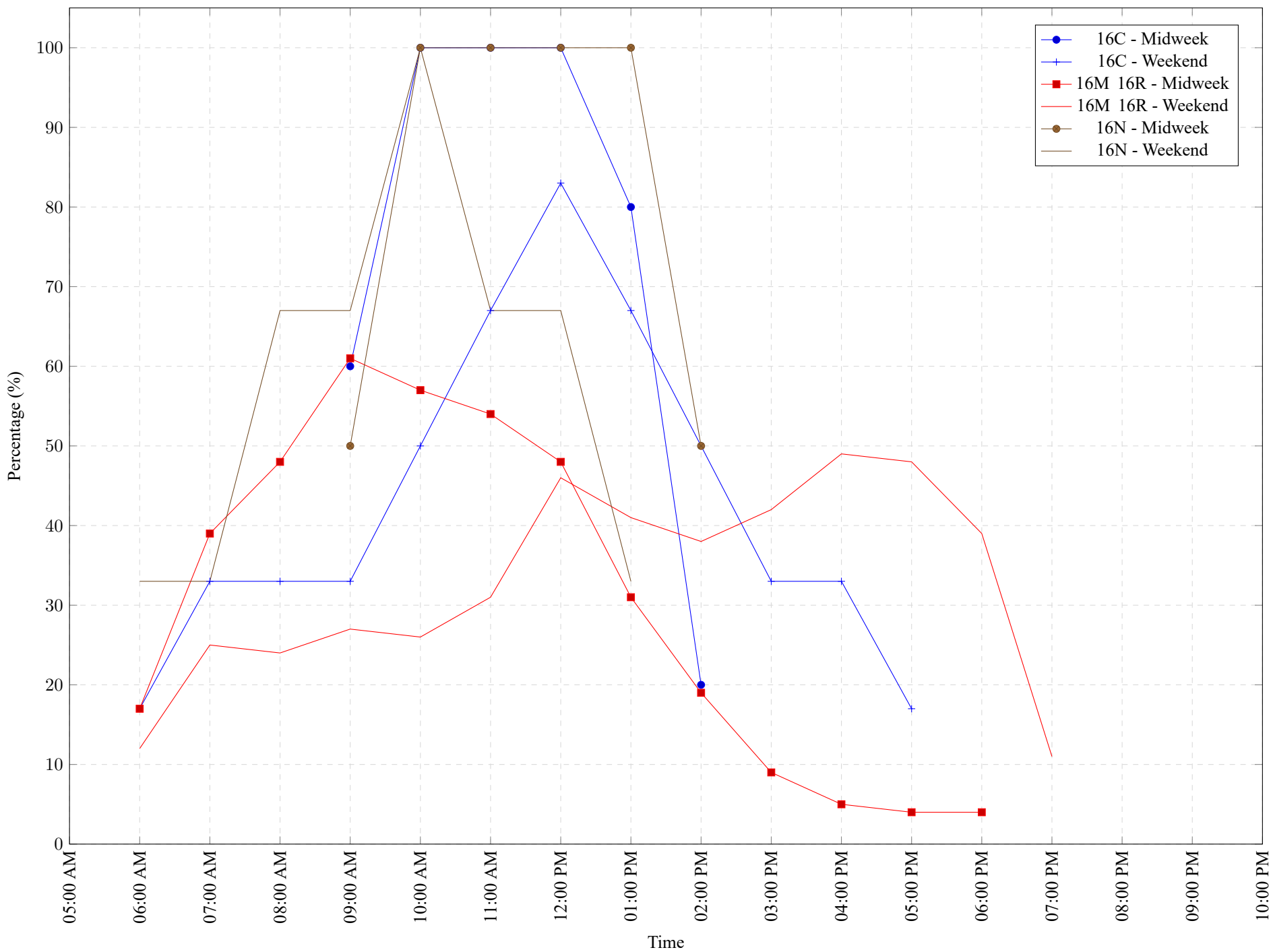


Table 7: Proportion of each day's fishing by hour.

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
16C	Midweek	0%	0%	0%	60%	100%	100%	100%	80%	20%	0%	0%	0%	0%	0%	0%	0%	0%
16C	Weekend	17%	33%	33%	33%	50%	67%	83%	67%	50%	33%	33%	17%	0%	0%	0%	0%	0%
16M 16R	Midweek	17%	39%	48%	61%	57%	54%	48%	31%	19%	9%	5%	4%	4%	0%	0%	0%	0%
16M 16R	Weekend	12%	25%	24%	27%	26%	31%	46%	41%	38%	42%	49%	48%	39%	11%	0%	0%	0%
16N	Midweek	0%	0%	0%	50%	100%	100%	100%	100%	50%	0%	0%	0%	0%	0%	0%	0%	0%
16N	Weekend	33%	33%	67%	67%	100%	67%	67%	33%	0%	0%	0%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Bucaneer	Cooper's Green	Egmont	Madeira	Saltery Bay
29 Aug 2019	Midweek					
30 Aug 2019	Midweek					
31 Aug 2019	Weekend			calm/rippled		
01 Sep 2019	Weekend					
02 Sep 2019	Weekend					calm/rippled
03 Sep 2019	Midweek					
04 Sep 2019	Midweek					
05 Sep 2019	Midweek					
06 Sep 2019	Midweek				choppy	
07 Sep 2019	Weekend		calm/rippled			
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		calm/rippled			
20 Sep 2019	Midweek					
21 Sep 2019	Weekend					
22 Sep 2019	Weekend					
23 Sep 2019	Midweek	choppy				
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					