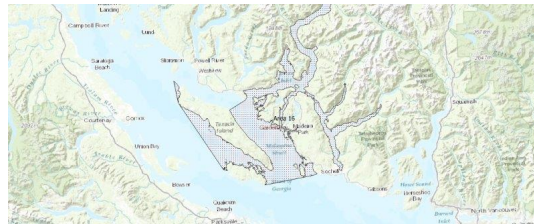


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 16 September 2020



Prepared By:
South Coast Salmon Stock Assessment Section

Tuesday 2nd 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	Bucaneer	Cooper's Green		Egmont		Kitty Coleman	Madeira		McDonald Beach	Pender Harbour Resort	Saltery Bay
		PM	AM	PM	AM	PM	AM	AM	PM	PM	PM	AM
29 Aug 2020	Weekend											1
30 Aug 2020	Weekend					2						
31 Aug 2020	Midweek											
01 Sep 2020	Midweek											
02 Sep 2020	Midweek							1				
03 Sep 2020	Midweek		1									
04 Sep 2020	Midweek											
05 Sep 2020	Weekend					2	1					
06 Sep 2020	Weekend	1										
07 Sep 2020	Weekend											
08 Sep 2020	Midweek											
09 Sep 2020	Midweek										1	
10 Sep 2020	Midweek					1						
11 Sep 2020	Midweek			3								
12 Sep 2020	Weekend							2				
13 Sep 2020	Weekend									1	2	
14 Sep 2020	Midweek											
15 Sep 2020	Midweek											
16 Sep 2020	Midweek											
17 Sep 2020	Midweek				1							
18 Sep 2020	Midweek											
19 Sep 2020	Weekend							1				
20 Sep 2020	Weekend		1									
21 Sep 2020	Midweek											
22 Sep 2020	Midweek											
23 Sep 2020	Midweek											
24 Sep 2020	Midweek											
25 Sep 2020	Midweek											
26 Sep 2020	Weekend			1								
27 Sep 2020	Weekend											
28 Sep 2020	Midweek			2								
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	frequent whitecaps	1					11	0944	50
30-Aug-2020	Sunday	calm/rippled	2							
31-Aug-2020	Monday		0							
01-Sep-2020	Tuesday		0					22	1207	54
02-Sep-2020	Wednesday	choppy	1							
03-Sep-2020	Thursday	calm/rippled	1							
04-Sep-2020	Friday		0							
05-Sep-2020	Saturday	calm/rippled	3							
06-Sep-2020	Sunday	calm/rippled	1					31	1159	99
07-Sep-2020	Monday (Labour Day)		0							
08-Sep-2020	Tuesday		0							
09-Sep-2020	Wednesday	calm/rippled	1	1						
10-Sep-2020	Thursday	calm/rippled	1					11	1150	23
11-Sep-2020	Friday	choppy	3							
12-Sep-2020	Saturday	calm/rippled	2							
13-Sep-2020	Sunday	calm/rippled	3							
14-Sep-2020	Monday		0							
15-Sep-2020	Tuesday		0							
16-Sep-2020	Wednesday		0							
17-Sep-2020	Thursday	calm/rippled	1							
18-Sep-2020	Friday		0							
19-Sep-2020	Saturday	choppy	1					3	1147	9
20-Sep-2020	Sunday	choppy	1					8	1256	23
21-Sep-2020	Monday		0					7	1114	15
22-Sep-2020	Tuesday		0							
23-Sep-2020	Wednesday		0							
24-Sep-2020	Thursday		0							
25-Sep-2020	Friday		0							
26-Sep-2020	Saturday	choppy	1					4	1152	13
27-Sep-2020	Sunday		0							
28-Sep-2020	Monday	calm/rippled	2							
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	calm/rippled	10	1				13*		31*
	Totals	calm/rippled	12					12*		36*

* 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	36	9	324								
Midweek	31	21	651	0.10				65			

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
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
2020	September	1093	27			0
5-Yr Avg	September	1000	261	31	35	0

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
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Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	22	14%
iRec Anglers	2239	6%

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

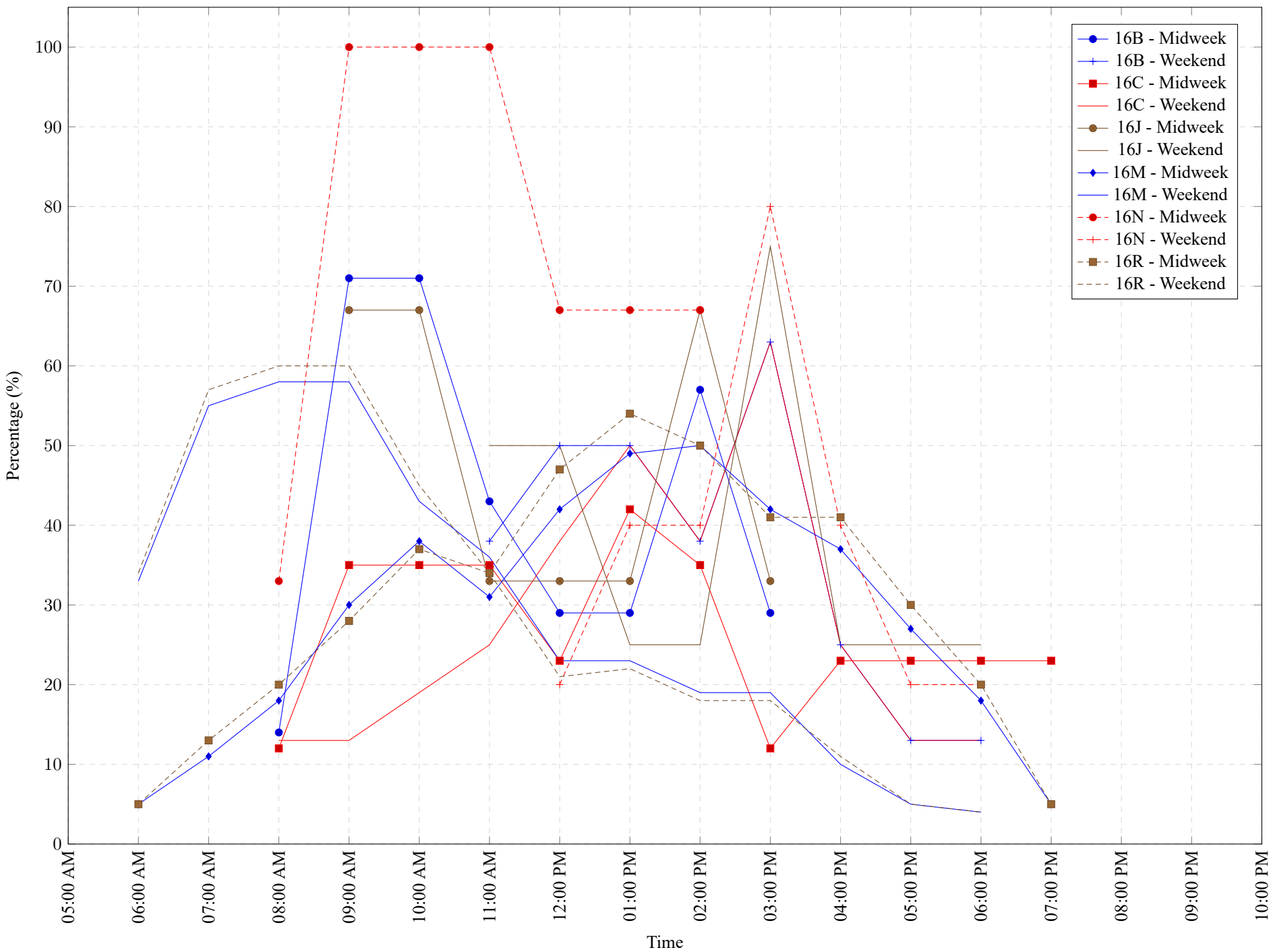


Table 7: Proportion of each day's fishing by hour.

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
16B	Midweek	0%	0%	14%	71%	71%	43%	29%	29%	57%	29%	0%	0%	0%	0%	0%	0%	0%
16B	Weekend	0%	0%	0%	0%	0%	38%	50%	50%	38%	63%	25%	13%	13%	0%	0%	0%	0%
16C	Midweek	0%	0%	12%	35%	35%	35%	23%	42%	35%	12%	23%	23%	23%	23%	0%	0%	0%
16C	Weekend	0%	0%	13%	13%	0%	25%	38%	50%	38%	63%	25%	13%	13%	0%	0%	0%	0%
16J	Midweek	0%	0%	0%	67%	67%	33%	33%	33%	67%	33%	0%	0%	0%	0%	0%	0%	0%
16J	Weekend	0%	0%	0%	0%	0%	50%	50%	25%	25%	75%	25%	25%	25%	0%	0%	0%	0%
16M	Midweek	5%	11%	18%	30%	38%	31%	42%	49%	50%	42%	37%	27%	18%	5%	0%	0%	0%
16M	Weekend	33%	55%	58%	58%	43%	36%	23%	23%	19%	19%	10%	5%	4%	0%	0%	0%	0%
16N	Midweek	0%	0%	33%	100%	100%	100%	67%	67%	67%	0%	0%	0%	0%	0%	0%	0%	0%
16N	Weekend	0%	0%	0%	0%	0%	0%	20%	40%	40%	80%	40%	20%	20%	0%	0%	0%	0%
16R	Midweek	5%	13%	20%	28%	37%	34%	47%	54%	50%	41%	41%	30%	20%	5%	0%	0%	0%
16R	Weekend	34%	57%	60%	60%	45%	34%	21%	22%	18%	18%	11%	5%	4%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Bucaneer	Cooper's Green	Egmont	Kitty Coleman	Madeira	McDonald Beach	Pender Harbour Resort	Saltery Bay
29 Aug 2020	Weekend								frequent whitecaps
30 Aug 2020	Weekend			calm/rippled					
31 Aug 2020	Midweek								
01 Sep 2020	Midweek								
02 Sep 2020	Midweek					choppy			
03 Sep 2020	Midweek		calm/rippled						
04 Sep 2020	Midweek								
05 Sep 2020	Weekend			calm/rippled	calm/rippled				
06 Sep 2020	Weekend	calm/rippled							
07 Sep 2020	Weekend								
08 Sep 2020	Midweek								
09 Sep 2020	Midweek							calm/rippled	
10 Sep 2020	Midweek			calm/rippled					
11 Sep 2020	Midweek		choppy						
12 Sep 2020	Weekend					calm/rippled			
13 Sep 2020	Weekend						calm/rippled	calm/rippled	
14 Sep 2020	Midweek								
15 Sep 2020	Midweek								
16 Sep 2020	Midweek								
17 Sep 2020	Midweek			calm/rippled					
18 Sep 2020	Midweek								
19 Sep 2020	Weekend					choppy			
20 Sep 2020	Weekend		choppy						
21 Sep 2020	Midweek								
22 Sep 2020	Midweek								
23 Sep 2020	Midweek								
24 Sep 2020	Midweek								
25 Sep 2020	Midweek								
26 Sep 2020	Weekend		choppy						
27 Sep 2020	Weekend								
28 Sep 2020	Midweek		calm/rippled						
29 Sep 2020	Midweek								
30 Sep 2020	Midweek								
01 Oct 2020	Midweek								
02 Oct 2020	Midweek								
03 Oct 2020	Weekend								