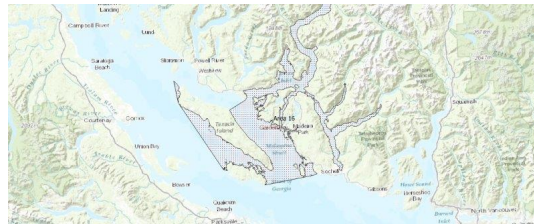


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 16 August 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	Bucaneer	Cooper's Green	Egmont	French Ck	Madeira	Pacific Play	Saltery Bay		Schooner
		AM	PM	PM	PM	PM	PM	AM	PM	PM
29 Jul 2019	Midweek									1
30 Jul 2019	Midweek								3	
31 Jul 2019	Midweek									
01 Aug 2019	Midweek		2							
02 Aug 2019	Midweek									
03 Aug 2019	Weekend						2			
04 Aug 2019	Weekend									
05 Aug 2019	Weekend									
06 Aug 2019	Midweek							2		
07 Aug 2019	Midweek									
08 Aug 2019	Midweek									
09 Aug 2019	Midweek				1					
10 Aug 2019	Weekend							3		
11 Aug 2019	Weekend									
12 Aug 2019	Midweek					1				
13 Aug 2019	Midweek								2	
14 Aug 2019	Midweek	1								
15 Aug 2019	Midweek									
16 Aug 2019	Midweek									
17 Aug 2019	Weekend				1				9	
18 Aug 2019	Weekend									
19 Aug 2019	Midweek							1		
20 Aug 2019	Midweek									
21 Aug 2019	Midweek									
22 Aug 2019	Midweek									
23 Aug 2019	Midweek									
24 Aug 2019	Weekend								2	
25 Aug 2019	Weekend		5							
26 Aug 2019	Midweek									
27 Aug 2019	Midweek									
28 Aug 2019	Midweek								3	
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									

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-Jul-2019	Monday	choppy	1					32	1146	192
30-Jul-2019	Tuesday	calm/rippled	3							
31-Jul-2019	Wednesday		2	1						
01-Aug-2019	Thursday	frequent whitecaps	2							
02-Aug-2019	Friday		0					13	1112	78
03-Aug-2019	Saturday	calm/rippled	2	2				51	1045	142
04-Aug-2019	Sunday		1	1						
05-Aug-2019	Monday (B.C. Day)		1	2				74	1046	207
06-Aug-2019	Tuesday	calm/rippled	2							
07-Aug-2019	Wednesday		0					19	1044	106
08-Aug-2019	Thursday		0							
09-Aug-2019	Friday	calm/rippled	1	1						
10-Aug-2019	Saturday	calm/rippled	3	1				35	1046	98
11-Aug-2019	Sunday		0							
12-Aug-2019	Monday	choppy	1							
13-Aug-2019	Tuesday	calm/rippled	3	1						
14-Aug-2019	Wednesday	calm/rippled	1					26	1042	145
15-Aug-2019	Thursday		0							
16-Aug-2019	Friday		0							
17-Aug-2019	Saturday	choppy	9	2	1					
18-Aug-2019	Sunday	large swells	1	1				10	1044	28
19-Aug-2019	Monday	choppy	1							
20-Aug-2019	Tuesday		2	2						
21-Aug-2019	Wednesday		0							
22-Aug-2019	Thursday		0					16	1043	88
23-Aug-2019	Friday		1	1						
24-Aug-2019	Saturday	calm/rippled	2							
25-Aug-2019	Sunday	choppy	5					4	1042	12
26-Aug-2019	Monday		0							
27-Aug-2019	Tuesday		0							
28-Aug-2019	Wednesday	calm/rippled	3							
29-Aug-2019	Thursday		0					20	1110	120
30-Aug-2019	Friday		1	1						
31-Aug-2019	Saturday	calm/rippled	3							
01-Sep-2019	Sunday		0					20	1251	40
02-Sep-2019	Monday (Labour Day)	calm/rippled	3		1					
03-Sep-2019	Tuesday		0							
	Totals	choppy	18	6				19*		107*
	Totals	choppy	27	9	1			35*		97*

* 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	97	10	970	0.3330	0.0370			323	36		
Midweek	107	21	2247	0.3330				748			

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	August	1355	217	4		
2015	August	3996	134			
2016	August	2317	446			
2017	August	3862	500	72		
2018	August	2444	982	269	32	
2019	August	2960	492	33		0
5-Yr Avg	August	2795	456	115	32	

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	32	97%	6%	16	100%	13%	2
Chinook	89	18%	22%	117	14%	17%	20

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	38	3%
iRec Anglers	5432	5%
iRec Responses	116	0%

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

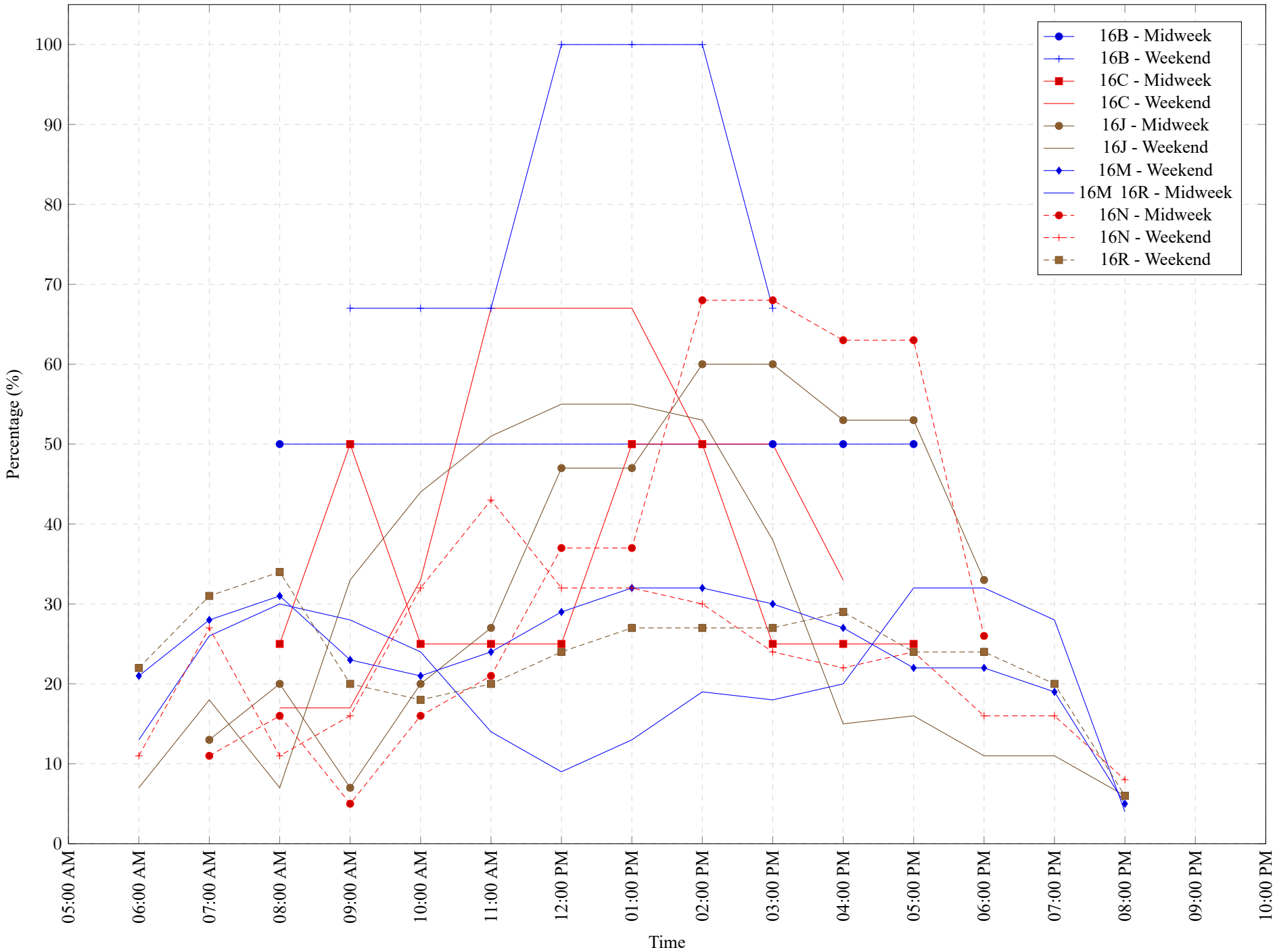


Table 7: Proportion of each day's fishing by hour.

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
16B	Midweek	0%	0%	50%	50%	0%	0%	0%	0%	50%	50%	50%	50%	0%	0%	0%	0%	0%
16B	Weekend	0%	0%	0%	67%	67%	67%	100%	100%	100%	67%	0%	0%	0%	0%	0%	0%	0%
16C	Midweek	0%	0%	25%	50%	25%	25%	25%	50%	50%	25%	25%	25%	0%	0%	0%	0%	0%
16C	Weekend	0%	0%	17%	17%	33%	67%	67%	67%	50%	50%	33%	0%	0%	0%	0%	0%	0%
16J	Midweek	0%	13%	20%	7%	20%	27%	47%	47%	60%	60%	53%	53%	33%	0%	0%	0%	0%
16J	Weekend	7%	18%	7%	33%	44%	51%	55%	55%	53%	38%	15%	16%	11%	11%	6%	0%	0%
16M	Weekend	21%	28%	31%	23%	21%	24%	29%	32%	32%	30%	27%	22%	22%	19%	5%	0%	0%
16M 16R	Midweek	13%	26%	30%	28%	24%	14%	9%	13%	19%	18%	20%	32%	32%	28%	4%	0%	0%
16N	Midweek	0%	11%	16%	5%	16%	21%	37%	37%	68%	68%	63%	63%	26%	0%	0%	0%	0%
16N	Weekend	11%	27%	11%	16%	32%	43%	32%	32%	30%	24%	22%	24%	16%	16%	8%	0%	0%
16R	Weekend	22%	31%	34%	20%	18%	20%	24%	27%	27%	27%	29%	24%	24%	20%	6%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Bucaneer	Cooper's Green	Egmont	French Ck	Madeira	Pacific Play	Saltery Bay	Schooner
29 Jul 2019	Midweek								choppy
30 Jul 2019	Midweek							calm/rippled	
31 Jul 2019	Midweek								
01 Aug 2019	Midweek		frequent whitecaps						
02 Aug 2019	Midweek								
03 Aug 2019	Weekend						calm/rippled		
04 Aug 2019	Weekend								
05 Aug 2019	Weekend								
06 Aug 2019	Midweek							calm/rippled	
07 Aug 2019	Midweek								
08 Aug 2019	Midweek								
09 Aug 2019	Midweek				calm/rippled				
10 Aug 2019	Weekend							calm/rippled	
11 Aug 2019	Weekend								
12 Aug 2019	Midweek					choppy			
13 Aug 2019	Midweek							calm/rippled	
14 Aug 2019	Midweek	calm/rippled							
15 Aug 2019	Midweek								
16 Aug 2019	Midweek								
17 Aug 2019	Weekend							choppy	
18 Aug 2019	Weekend				large swells				
19 Aug 2019	Midweek							choppy	
20 Aug 2019	Midweek								
21 Aug 2019	Midweek								
22 Aug 2019	Midweek								
23 Aug 2019	Midweek								
24 Aug 2019	Weekend							calm/rippled	
25 Aug 2019	Weekend		choppy						
26 Aug 2019	Midweek								
27 Aug 2019	Midweek								
28 Aug 2019	Midweek							calm/rippled	
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								