

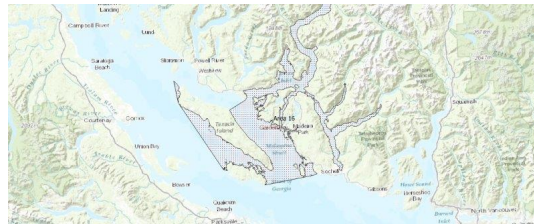
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 16 August 2020



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Wednesday 3<sup>rd</sup> February, 2021



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

		Bucaneer	Cooper's Green		Egmont		Gibson's	Madeira		McDon- ald Beach	Pender Harbour Resort		Saltery Bay	
Date	Day Type	PM	AM	PM	AM	PM	AM	AM	PM	PM	AM	PM	AM	PM
29 Jul 2020	Midweek													
30 Jul 2020	Midweek			5										
31 Jul 2020	Midweek				2									
01 Aug 2020	Weekend			3										
02 Aug 2020	Weekend								3					3
03 Aug 2020	Weekend													
04 Aug 2020	Midweek													
05 Aug 2020	Midweek													1
06 Aug 2020	Midweek													
07 Aug 2020	Midweek									1				
08 Aug 2020	Weekend													
09 Aug 2020	Weekend		2											
10 Aug 2020	Midweek													
11 Aug 2020	Midweek													
12 Aug 2020	Midweek											3	2	
13 Aug 2020	Midweek													
14 Aug 2020	Midweek						2							
15 Aug 2020	Weekend							4						7
16 Aug 2020	Weekend										4			
17 Aug 2020	Midweek													
18 Aug 2020	Midweek													2
19 Aug 2020	Midweek													
20 Aug 2020	Midweek													
21 Aug 2020	Midweek													
22 Aug 2020	Weekend										4		10	
23 Aug 2020	Weekend	1												
24 Aug 2020	Midweek													
25 Aug 2020	Midweek								2				2	
26 Aug 2020	Midweek													
27 Aug 2020	Midweek										3			
28 Aug 2020	Midweek								6					
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											

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-2020	Wednesday		0							
30-Jul-2020	Thursday	choppy	5							
31-Jul-2020	Friday	calm/rippled	2	3						
01-Aug-2020	Saturday	choppy	3					55	0957	136
02-Aug-2020	Sunday	choppy	6	2						
03-Aug-2020	Monday (B.C. Day)		0							
04-Aug-2020	Tuesday		0							
05-Aug-2020	Wednesday	choppy	1					16	0956	60
06-Aug-2020	Thursday		0							
07-Aug-2020	Friday	choppy	1	2						
08-Aug-2020	Saturday		0							
09-Aug-2020	Sunday	calm/rippled	2					44	0948	125
10-Aug-2020	Monday		0							
11-Aug-2020	Tuesday		0					15	0954	56
12-Aug-2020	Wednesday	calm/rippled	5	2	1					
13-Aug-2020	Thursday		0							
14-Aug-2020	Friday	calm/rippled	2							
15-Aug-2020	Saturday	calm/rippled	11	3				54	0950	149
16-Aug-2020	Sunday	calm/rippled	4							
17-Aug-2020	Monday		0							
18-Aug-2020	Tuesday	calm/rippled	2	2						
19-Aug-2020	Wednesday		0							
20-Aug-2020	Thursday		0					8	0955	32
21-Aug-2020	Friday		0							
22-Aug-2020	Saturday	calm/rippled	14	1				39	0955	97
23-Aug-2020	Sunday	calm/rippled	1							
24-Aug-2020	Monday		0							
25-Aug-2020	Tuesday	calm/rippled	4							
26-Aug-2020	Wednesday		0							
27-Aug-2020	Thursday	calm/rippled	3					16	0945	64
28-Aug-2020	Friday	calm/rippled	6	2				30	0952	106
29-Aug-2020	Saturday	frequent whitecaps	1					11	0944	30
30-Aug-2020	Sunday	calm/rippled	2							
31-Aug-2020	Monday		0							
01-Sep-2020	Tuesday		0					22	1207	60
02-Sep-2020	Wednesday	choppy	1							
03-Sep-2020	Thursday	calm/rippled	1							
	Totals	calm/rippled	24	8	1			17*		64*
	Totals	calm/rippled	44	6				41*		107*

\* 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	107	11	1177	0.1360				160			
Midweek	64	20	1280	0.3330	0.0420			426	54		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
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
2020	August	2606	639	109		0
5-Yr Avg	August	3116	511	125	32	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	68	9%
iRec Anglers	6379	6%

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

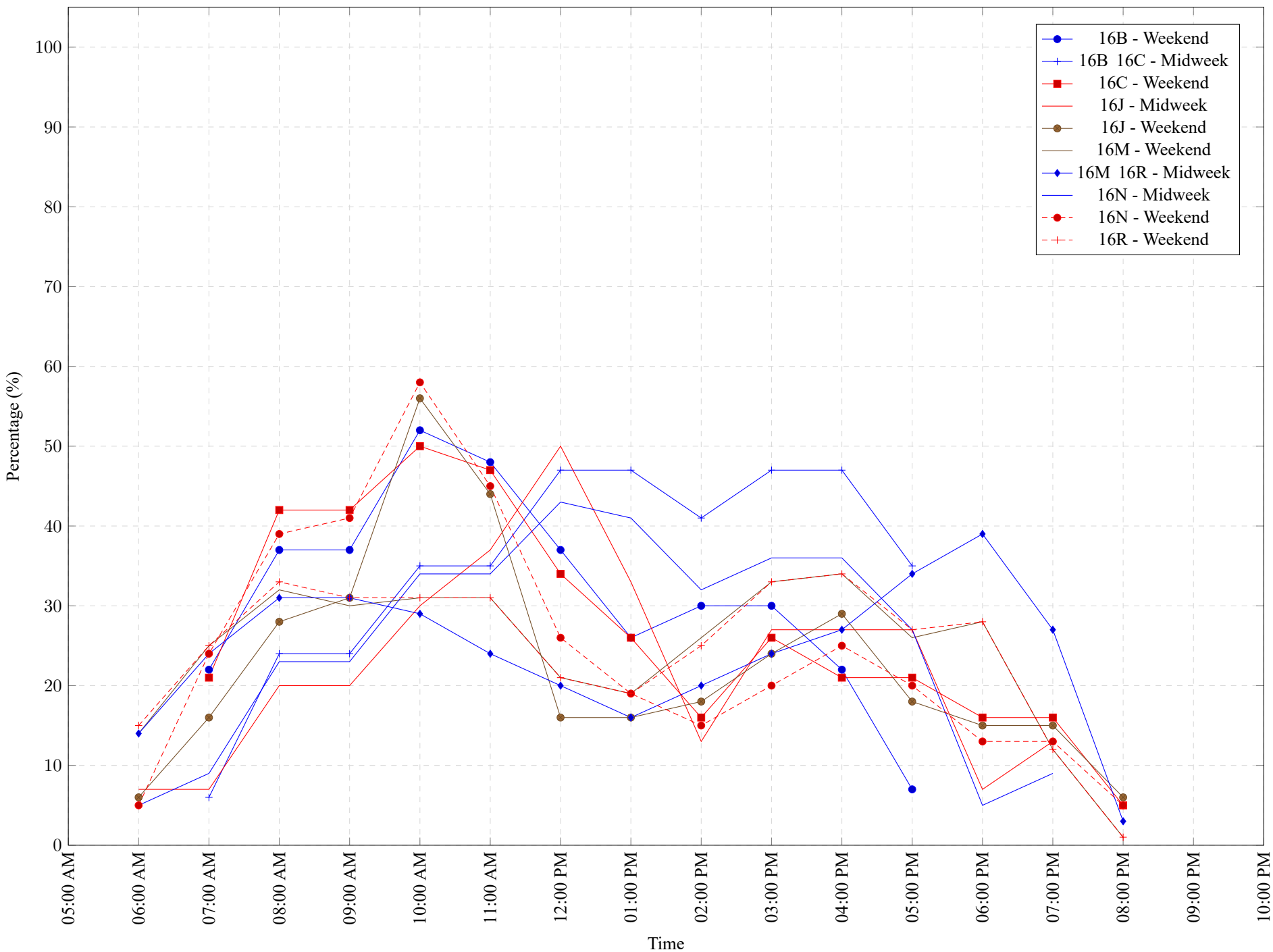


Table 7: Proportion of each day's fishing by hour.

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	Weekend	0%	22%	37%	37%	52%	48%	37%	26%	30%	30%	22%	7%	0%	0%	0%	0%	0%
16B 16C	Midweek	0%	6%	24%	24%	35%	35%	47%	47%	41%	47%	47%	35%	0%	0%	0%	0%	0%
16C	Weekend	0%	21%	42%	42%	50%	47%	34%	26%	16%	26%	21%	21%	16%	16%	5%	0%	0%
16J	Midweek	7%	7%	20%	20%	30%	37%	50%	33%	13%	27%	27%	27%	7%	13%	0%	0%	0%
16J	Weekend	6%	16%	28%	31%	56%	44%	16%	16%	18%	24%	29%	18%	15%	15%	6%	0%	0%
16M	Weekend	14%	25%	32%	30%	31%	31%	21%	19%	26%	33%	34%	26%	28%	12%	1%	0%	0%
16M 16R	Midweek	14%	24%	31%	31%	29%	24%	20%	16%	20%	24%	27%	34%	39%	27%	3%	0%	0%
16N	Midweek	5%	9%	23%	23%	34%	34%	43%	41%	32%	36%	36%	27%	5%	9%	0%	0%	0%
16N	Weekend	5%	24%	39%	41%	58%	45%	26%	19%	15%	20%	25%	20%	13%	13%	5%	0%	0%
16R	Weekend	15%	25%	33%	31%	31%	31%	21%	19%	25%	33%	34%	27%	28%	12%	1%	0%	0%

*Table 8: Daily Fishing Conditions.*

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