## FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

# Area 18 March 2021



# Prepared By: South Coast Salmon Stock Assessment Section

Wednesday 28th April, 2021

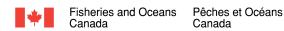




Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

Date   Day Type   MD   MD   MD   PM	•			8	, ,	
Date   Day Type   MD   MD   MD   PM			Cattle	Mill Bay	Sidne	ey
26 Feb 2021			Point	•		•
26 Feb 2021	Date	Day Type	MD	MD	MD	PM
28 Feb 2021 Weekend 01 Mar 2021 Midweek 02 Mar 2021 Midweek 03 Mar 2021 Midweek 04 Mar 2021 Midweek 05 Mar 2021 Weekend 07 Mar 2021 Weekend 08 Mar 2021 Midweek 09 Mar 2021 Midweek 10 Mar 2021 Midweek 11 Mar 2021 Midweek 12 Mar 2021 Midweek 13 Mar 2021 Weekend 14 Mar 2021 Weekend 15 Mar 2021 Midweek 16 Mar 2021 Midweek 17 Mar 2021 Midweek 18 Mar 2021 Midweek 19 Mar 2021 Midweek 19 Mar 2021 Midweek 20 Mar 2021 Midweek 20 Mar 2021 Midweek 21 Midweek 22 Mar 2021 Midweek 23 Mar 2021 Midweek 24 Mar 2021 Midweek 25 Mar 2021 Midweek 26 Mar 2021 Midweek 27 Mar 2021 Midweek 28 Mar 2021 Midweek 29 Mar 2021 Midweek 20 Mar 2021 Midweek 20 Mar 2021 Midweek 21 Midweek 22 Mar 2021 Midweek 23 Mar 2021 Midweek 24 Mar 2021 Midweek 25 Mar 2021 Midweek 26 Mar 2021 Midweek 27 Mar 2021 Weekend 28 Mar 2021 Midweek 29 Mar 2021 Midweek 20 Mar 2021 Midweek 20 Mar 2021 Midweek 20 Mar 2021 Midweek 20 Mar 2021 Midweek	26 Feb 2021					
01 Mar 2021	27 Feb 2021	Weekend				
02 Mar 2021	28 Feb 2021	Weekend				
03 Mar 2021 Midweek 04 Mar 2021 Midweek 05 Mar 2021 Weekend 06 Mar 2021 Weekend 07 Mar 2021 Weekend 08 Mar 2021 Midweek 09 Mar 2021 Midweek 10 Mar 2021 Midweek 12 Mar 2021 Midweek 12 Mar 2021 Midweek 13 Mar 2021 Weekend 14 Mar 2021 Weekend 15 Mar 2021 Midweek 16 Mar 2021 Midweek 17 Mar 2021 Midweek 18 Mar 2021 Midweek 19 Mar 2021 Midweek 19 Mar 2021 Midweek 20 Mar 2021 Midweek 20 Mar 2021 Midweek 21 Mar 2021 Midweek 22 Mar 2021 Midweek 23 Mar 2021 Midweek 24 Mar 2021 Midweek 25 Mar 2021 Midweek 26 Mar 2021 Midweek 27 Mar 2021 Midweek 28 Mar 2021 Midweek 29 Mar 2021 Midweek 20 Mar 2021 Midweek 20 Mar 2021 Midweek 21 Mar 2021 Midweek 22 Mar 2021 Midweek 23 Mar 2021 Midweek 24 Mar 2021 Midweek 25 Mar 2021 Midweek 26 Mar 2021 Midweek 27 Mar 2021 Weekend	01 Mar 2021	Midweek				
04 Mar 2021 Midweek 05 Mar 2021 Weekend 06 Mar 2021 Weekend 07 Mar 2021 Weekend 08 Mar 2021 Midweek 09 Mar 2021 Midweek 10 Mar 2021 Midweek 12 Mar 2021 Midweek 13 Mar 2021 Midweek 14 Mar 2021 Weekend 15 Mar 2021 Midweek 16 Mar 2021 Midweek 17 Mar 2021 Midweek 18 Mar 2021 Midweek 19 Mar 2021 Midweek 19 Mar 2021 Midweek 20 Mar 2021 Midweek 20 Mar 2021 Midweek 21 Mar 2021 Midweek 22 Mar 2021 Midweek 23 Mar 2021 Midweek 24 Mar 2021 Midweek 25 Mar 2021 Midweek 26 Mar 2021 Midweek 27 Mar 2021 Midweek 28 Mar 2021 Midweek 29 Mar 2021 Midweek 20 Mar 2021 Midweek 20 Mar 2021 Midweek 21 Mar 2021 Midweek 22 Mar 2021 Midweek 23 Mar 2021 Midweek 24 Mar 2021 Midweek 25 Mar 2021 Midweek 26 Mar 2021 Midweek 27 Mar 2021 Weekend	02 Mar 2021	Midweek				
04 Mar 2021 Midweek 05 Mar 2021 Weekend 06 Mar 2021 Weekend 07 Mar 2021 Weekend 08 Mar 2021 Midweek 09 Mar 2021 Midweek 10 Mar 2021 Midweek 12 Mar 2021 Midweek 13 Mar 2021 Weekend 14 Mar 2021 Weekend 15 Mar 2021 Midweek 16 Mar 2021 Midweek 17 Mar 2021 Midweek 18 Mar 2021 Midweek 19 Mar 2021 Midweek 19 Mar 2021 Midweek 20 Mar 2021 Weekend 21 Mar 2021 Midweek 20 Mar 2021 Midweek 20 Mar 2021 Midweek 21 Mar 2021 Midweek 22 Mar 2021 Midweek 23 Mar 2021 Midweek 24 Mar 2021 Midweek 25 Mar 2021 Midweek 26 Mar 2021 Midweek 27 Mar 2021 Midweek 28 Mar 2021 Midweek 29 Mar 2021 Midweek 20 Mar 2021 Midweek 20 Mar 2021 Midweek 21 Mar 2021 Midweek 22 Mar 2021 Midweek 23 Mar 2021 Midweek 24 Mar 2021 Midweek 25 Mar 2021 Midweek 26 Mar 2021 Midweek 27 Mar 2021 Weekend	03 Mar 2021	Midweek				
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20 Mar 2021 Weekend 21 Mar 2021 Weekend 22 Mar 2021 Midweek 23 Mar 2021 Midweek 24 Mar 2021 Midweek 25 Mar 2021 Midweek 26 Mar 2021 Midweek 27 Mar 2021 Weekend						
21 Mar 2021       Weekend         22 Mar 2021       Midweek         23 Mar 2021       Midweek         24 Mar 2021       Midweek         25 Mar 2021       Midweek         26 Mar 2021       Midweek         27 Mar 2021       Weekend				3		
22 Mar 2021 Midweek 23 Mar 2021 Midweek 24 Mar 2021 Midweek 25 Mar 2021 Midweek 26 Mar 2021 Midweek 27 Mar 2021 Weekend						
23 Mar 2021 Midweek 24 Mar 2021 Midweek 25 Mar 2021 Midweek 26 Mar 2021 Midweek 27 Mar 2021 Weekend						
24 Mar 2021       Midweek         25 Mar 2021       Midweek         26 Mar 2021       Midweek         27 Mar 2021       Weekend						
25 Mar 2021 Midweek 2 26 Mar 2021 Midweek 27 Mar 2021 Weekend	-					
26 Mar 2021 Midweek 27 Mar 2021 Weekend				2.		
27 Mar 2021 Weekend				-		
ZX Mar ZUZT Weekend	28 Mar 2021	Weekend		2		
29 Mar 2021 Midweek				2		
30 Mar 2021 Midweek						
31 Mar 2021 Midweek						
01 Apr 2021 Midweek						
02 Apr 2021 Weekend	-					
03 Apr 2021 Weekend 1	-					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
26-Feb-2021	Friday		1							
27-Feb-2021	Saturday		1							
28-Feb-2021	Sunday		0							
01-Mar-2021	Monday		0							
02-Mar-2021	Tuesday		0							
03-Mar-2021	Wednesday		0							
04-Mar-2021	Thursday		0							
05-Mar-2021	Friday		0							
06-Mar-2021	Saturday	frequent	6							
	Ž	whitecaps								
07-Mar-2021	Sunday	•	0							
08-Mar-2021	Monday		0							
09-Mar-2021	Tuesday		0							
10-Mar-2021	Wednesday	choppy	4							
11-Mar-2021	Thursday	117	0							
12-Mar-2021	Friday	calm/rippled	6	2						
13-Mar-2021	Saturday	calm/rippled	2							
14-Mar-2021	Sunday	**	0							
15-Mar-2021	Monday		0							
16-Mar-2021	Tuesday		0							
17-Mar-2021	Wednesday	calm/rippled	1							
18-Mar-2021	Thursday	**	0							
19-Mar-2021	Friday		0							
20-Mar-2021	Saturday	choppy	3	2						
21-Mar-2021	Sunday		0							
22-Mar-2021	Monday		0							
23-Mar-2021	Tuesday		0							
24-Mar-2021	Wednesday		1	1						
25-Mar-2021	Thursday	calm/rippled	2							
26-Mar-2021	Friday		1							
27-Mar-2021	Saturday		0							
28-Mar-2021	Sunday	frequent whitecaps	2							
29-Mar-2021	Monday		0							
30-Mar-2021	Tuesday		1							
31-Mar-2021	Wednesday		0							
01-Apr-2021	Thursday		0							
02-Apr-2021	Friday (Good Friday)		0					5	1140	
03-Apr-2021	Saturday	choppy	1							
	Totals	calm/rippled	16	3				*		*
	Totals	choppy	13	2				*		*

<sup>\*</sup> Average number of boats Observed and Expanded

#### Table 3: Simple area based cpue (catch per boat trip) expansion.

					C.	PUE			Ret	ained	
Day Type	Average Expanded	Number of Days	Total Estimated	Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut
	Boats	Days	Effort								
Midweek		23		0.1880							
Weekend		8		0.1540							

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2018	March	828 828	300			
5-Yr Avg	March	828	300			

## Table 5: Sport Head Recovery Review.

Species	Creel	Creel	Creel	iRec	iRec	iRec	Sport Head
	Marked	Mark	Submission	Marked	Mark	Submission	Recoveries
	Catch	Rate	Rate	Catch	Rate	Rate	

#### Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	<b>Guided Proportion</b>
iRec Anglers	766	1%

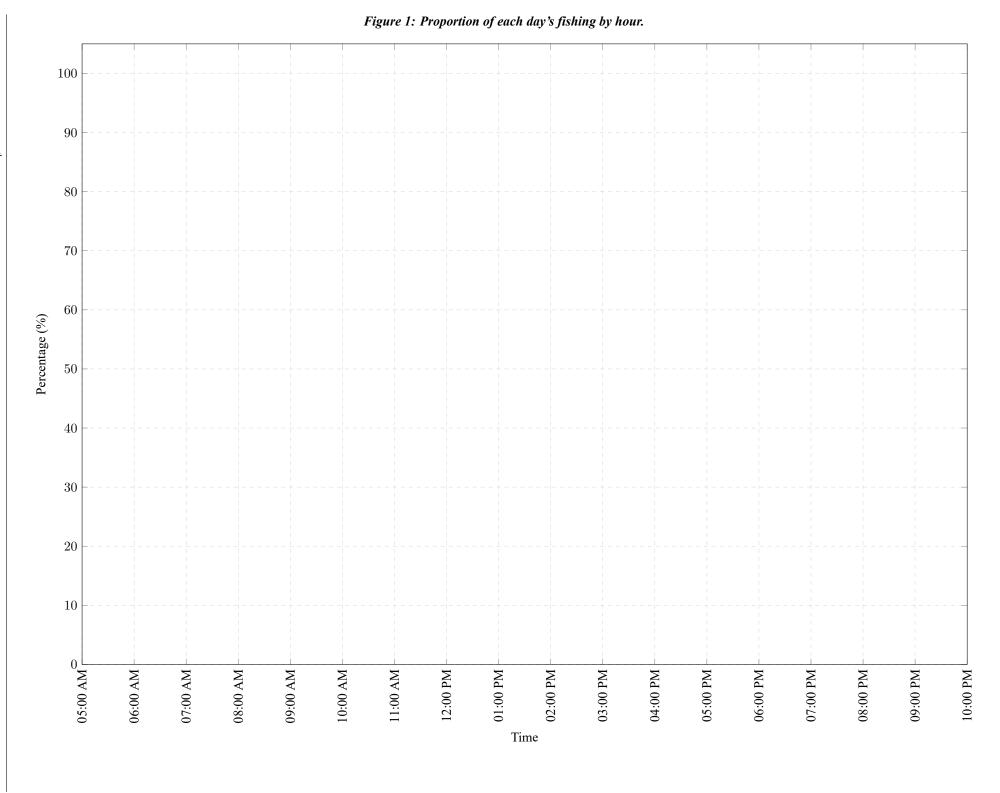


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM										

Table 8: Daily Fishing Conditions.

Date	Day Type	Cattle Point	Mill Bay	Sidney
26 Feb 2021	Midweek			
27 Feb 2021	Weekend			
28 Feb 2021	Weekend			
01 Mar 2021	Midweek			
02 Mar 2021	Midweek			
03 Mar 2021	Midweek			
04 Mar 2021	Midweek			
05 Mar 2021	Midweek			
06 Mar 2021	Weekend			frequent whitecaps
07 Mar 2021	Weekend			
08 Mar 2021	Midweek			
09 Mar 2021	Midweek			
10 Mar 2021	Midweek		choppy	
11 Mar 2021	Midweek			
12 Mar 2021	Midweek			calm/rippled
13 Mar 2021	Weekend	calm/rippled		
14 Mar 2021	Weekend			
15 Mar 2021	Midweek			
16 Mar 2021	Midweek			
17 Mar 2021	Midweek	calm/rippled		
18 Mar 2021	Midweek			
19 Mar 2021	Midweek			
20 Mar 2021	Weekend		choppy	
21 Mar 2021	Weekend			
22 Mar 2021	Midweek			
23 Mar 2021	Midweek			
24 Mar 2021	Midweek			
25 Mar 2021	Midweek		calm/rippled	
26 Mar 2021	Midweek			
27 Mar 2021	Weekend			
28 Mar 2021	Weekend		frequent	
			whitecaps	
29 Mar 2021	Midweek			
30 Mar 2021	Midweek			
31 Mar 2021	Midweek			
01 Apr 2021	Midweek			
02 Apr 2021	Weekend			
03 Apr 2021	Weekend			choppy