## FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

## Area 15 August 2020



## Prepared By: South Coast Salmon Stock Assessment Section

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

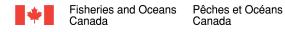




Table 1: Numbers of Interviews conducted contributing to the area by day and access site.

29 Jul 2020	Day Type		Marina	Kitty Coleman		Lund		Pacific Play		Harbour Resort	Saltery Bay	Westview	
29 Jul 2020		PM	South PM	AM	PM	AM	PM	AM	PM	PM	AM	AM	PM
	Midweek			1									
30 Jul 2020	Midweek				1								
31 Jul 2020	Midweek												
01 Aug 2020	Weekend						6						
02 Aug 2020	Weekend												
03 Aug 2020	Weekend												
04 Aug 2020	Midweek												16
05 Aug 2020	Midweek								3				
06 Aug 2020	Midweek		1										
07 Aug 2020	Midweek												
08 Aug 2020	Weekend						4						
09 Aug 2020	Weekend	2											18
10 Aug 2020	Midweek						5						
11 Aug 2020	Midweek					3							
12 Aug 2020	Midweek												
13 Aug 2020	Midweek												
<u> </u>	Midweek												
15 Aug 2020	Weekend												
16 Aug 2020	Weekend						_						16
17 Aug 2020	Midweek						5						
18 Aug 2020	Midweek											_	
19 Aug 2020	Midweek											7	
20 Aug 2020	Midweek												
21 Aug 2020	Midweek									•	2		
22 Aug 2020	Weekend					_				1	2		
23 Aug 2020	Weekend					5							12
	Midweek										1		12
25 Aug 2020	Midweek					2					1		
26 Aug 2020	Midweek Midweek	1				2							
27 Aug 2020 28 Aug 2020	Midweek	1											
29 Aug 2020	Weekend												
30 Aug 2020	Weekend							1				18	
31 Aug 2020	Midweek							1				2	
01 Sep 2020	Midweek											<u></u>	
01 Sep 2020 02 Sep 2020	Midweek												
02 Sep 2020 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	calm/rippled	2	5						
30-Jul-2020	Thursday	calm/rippled	2	6						
31-Jul-2020	Friday		1	1						
01-Aug-2020	Saturday	choppy	7	4				12	0918	30
02-Aug-2020	Sunday		0							
03-Aug-2020	Monday (B.C.		0							
	Day)									
04-Aug-2020	Tuesday	calm/rippled	17	8						
05-Aug-2020	Wednesday	frequent	3	2	1			13	0917	51
		whitecaps								
06-Aug-2020	Thursday	frequent	1							
		whitecaps	_							
07-Aug-2020	Friday	2	0							
08-Aug-2020	Saturday	frequent	4	2						
00 4 2020	G 1	whitecaps	20		4			2.5	0014	0.6
09-Aug-2020	Sunday	choppy	20	1	1			35	0914	86
10-Aug-2020	Monday	choppy	5	2				12	0020	40
11-Aug-2020	Tuesday	choppy	4	2				12	0920	48
12-Aug-2020	Wednesday		0							
13-Aug-2020	Thursday		0							
14-Aug-2020	Friday		0	2				10	0914	4.4
15-Aug-2020	Saturday	aalma/mimmlad	1 16	2 7				18	0914	44
16-Aug-2020 17-Aug-2020	Sunday Monday	calm/rippled	5	1						
18-Aug-2020	Tuesday	choppy	0							
19-Aug-2020	Wednesday	choppy	7	1	2					
20-Aug-2020	Thursday	спорру	0	1	2			1	0914	4
21-Aug-2020	Friday		0					1	0714	7
22-Aug-2020	Saturday	calm/rippled	3	1				35	0918	86
23-Aug-2020	Sunday	choppy	5	1				33	0710	00
24-Aug-2020	Monday	calm/rippled	12	4	1					
25-Aug-2020	Tuesday	choppy	1		•					
26-Aug-2020	Wednesday	choppy	2							
27-Aug-2020	Thursday	choppy	1		1			15	0910	59
28-Aug-2020	Friday	- FF7	0		-			30	0916	117
29-Aug-2020	Saturday		0					3	0912	7
30-Aug-2020	Sunday	choppy	19	3						
31-Aug-2020	Monday	calm/rippled	2							
01-Sep-2020	Tuesday		0					19	1130	57
02-Sep-2020	Wednesday		0							
03-Sep-2020	Thursday	calm/rippled	1							
-	Totals	choppy	60	17	5			14*		56*
	Totals	choppy	75	21	1			21*		51*

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

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

					CF	PUE		Retained				
Day Type	Average	Number of	Total	Chinook	Coho	Sockeye	Halibut	Chinook	Coho	Sockeye	Halibut	
	Expanded	Days	Estimated									
	Boats		Effort									
Weekend	51	11	561	0.28	0.0130			157	7			
Midweek	56	20	1120	0.2830	0.0830			317	93			

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

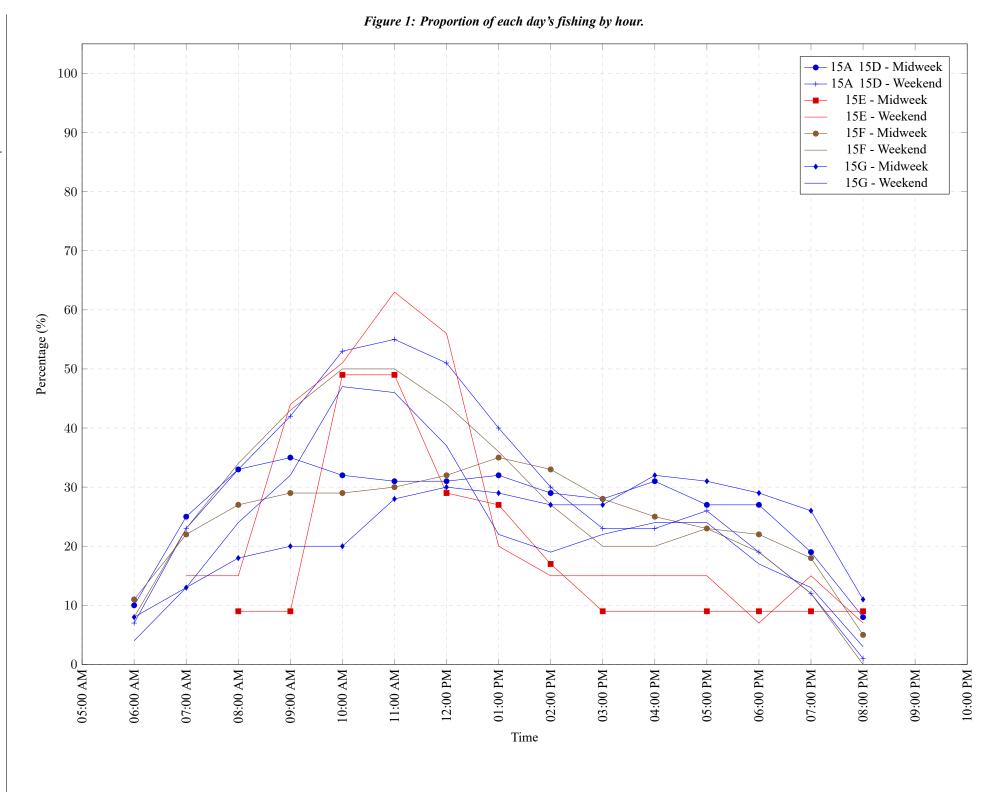
Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2015	August	2144	1665	79		
2016	August	1962	630	216		
2017	August	2481	1725	169		
2018	August	4482	2345	256	121	
2019	August	2017	1442	85		0
2020	August	1576	436	105		0
5-Yr Avg	August	2617	1561	161	121	0

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	Guided Proportion
Creel Interivews	135	3%
iRec Anglers	6004	6%



Area 15 August 2020

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										
15A 15D	Midweek	10%	25%	33%	35%	32%	31%	31%	32%	29%	28%	31%	27%	27%	19%	8%	0%	0%
15A 15D	Weekend	7%	23%	33%	42%	53%	55%	51%	40%	30%	23%	23%	26%	19%	12%	1%	0%	0%
15E	Midweek	0%	0%	9%	9%	49%	49%	29%	27%	17%	9%	0%	9%	9%	9%	9%	0%	0%
15E	Weekend	0%	15%	15%	44%	51%	63%	56%	20%	15%	15%	15%	15%	7%	15%	7%	0%	0%
15F	Midweek	11%	22%	27%	29%	29%	30%	32%	35%	33%	28%	25%	23%	22%	18%	5%	0%	0%
15F	Weekend	8%	23%	34%	43%	50%	50%	44%	36%	27%	20%	20%	23%	19%	12%	0%	0%	0%
15G	Midweek	8%	13%	18%	20%	20%	28%	30%	29%	27%	27%	32%	31%	29%	26%	11%	0%	0%
15G	Weekend	4%	13%	24%	32%	47%	46%	37%	22%	19%	22%	24%	24%	17%	13%	3%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Comox Mun	Discovery Marina South	Kitty Coleman	Lund	Pacific Play	Pender Harbour Resort	Saltery Bay	Westview
29 Jul 2020	Midweek			calm/rippled					
30 Jul 2020	Midweek			calm/rippled					
31 Jul 2020	Midweek			• • •					
01 Aug 2020	Weekend				choppy				
02 Aug 2020	Weekend				***				
03 Aug 2020	Weekend								
04 Aug 2020	Midweek								calm/rippled
05 Aug 2020	Midweek					frequent whitecaps			
06 Aug 2020	Midweek		frequent whitecaps			·			
07 Aug 2020	Midweek		•						
08 Aug 2020	Weekend				frequent whitecaps				
09 Aug 2020	Weekend	choppy							choppy
10 Aug 2020	Midweek				choppy				
11 Aug 2020	Midweek				choppy				
12 Aug 2020	Midweek								
13 Aug 2020	Midweek								
14 Aug 2020	Midweek								
15 Aug 2020	Weekend								
16 Aug 2020	Weekend								calm/rippled
17 Aug 2020	Midweek				choppy				
18 Aug 2020	Midweek								
19 Aug 2020	Midweek								choppy
20 Aug 2020	Midweek								
21 Aug 2020	Midweek								
22 Aug 2020	Weekend						calm/rippled	calm/rippled	
23 Aug 2020	Weekend				choppy				
24 Aug 2020	Midweek								calm/rippled
25 Aug 2020	Midweek							choppy	
26 Aug 2020	Midweek				choppy				
27 Aug 2020	Midweek	choppy							
28 Aug 2020	Midweek								
29 Aug 2020	Weekend								
30 Aug 2020	Weekend					calm/rippled			choppy
31 Aug 2020	Midweek								calm/rippled
01 Sep 2020	Midweek								
02 Sep 2020	Midweek					1 /			
03 Sep 2020	Midweek					calm/rippled			