

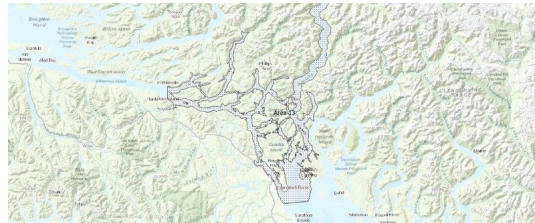
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 13 June 2019



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Thursday 27<sup>th</sup> August, 2020



Fisheries and Oceans  
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Canada



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

Date	Day Type	Big Rock Boat Rental	Brown's Bay		Discovery Marina South		Kitty Coleman		Painter's
		AM	AM	PM	AM	PM	AM	PM	MD
29 May 2019	Midweek				3				
30 May 2019	Midweek								3
31 May 2019	Midweek								
01 Jun 2019	Weekend								2
02 Jun 2019	Weekend		2						
03 Jun 2019	Midweek								
04 Jun 2019	Midweek								
05 Jun 2019	Midweek								
06 Jun 2019	Midweek								
07 Jun 2019	Midweek								
08 Jun 2019	Weekend								
09 Jun 2019	Weekend								
10 Jun 2019	Midweek					3			
11 Jun 2019	Midweek					2			
12 Jun 2019	Midweek								4
13 Jun 2019	Midweek								
14 Jun 2019	Midweek								
15 Jun 2019	Weekend								
16 Jun 2019	Weekend							1	
17 Jun 2019	Midweek								
18 Jun 2019	Midweek								
19 Jun 2019	Midweek								
20 Jun 2019	Midweek								
21 Jun 2019	Midweek		1						
22 Jun 2019	Weekend								
23 Jun 2019	Weekend					5			
24 Jun 2019	Midweek								
25 Jun 2019	Midweek			2			1		
26 Jun 2019	Midweek	1							
27 Jun 2019	Midweek								3
28 Jun 2019	Midweek	2							
29 Jun 2019	Weekend	9				12			
30 Jun 2019	Weekend					12			3
01 Jul 2019	Weekend								
02 Jul 2019	Midweek					1			
03 Jul 2019	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-May-2019	Wednesday	calm/rippled	3							
30-May-2019	Thursday	calm/rippled	3							
31-May-2019	Friday		0							
01-Jun-2019	Saturday	choppy	4	3				20	1016	51
02-Jun-2019	Sunday	calm/rippled	6							
03-Jun-2019	Monday		0							
04-Jun-2019	Tuesday		0							
05-Jun-2019	Wednesday		1							
06-Jun-2019	Thursday		1							
07-Jun-2019	Friday		0					23	1050	48
08-Jun-2019	Saturday		1							
09-Jun-2019	Sunday		1					48	1058	81
10-Jun-2019	Monday	calm/rippled	3							
11-Jun-2019	Tuesday	calm/rippled	3							
12-Jun-2019	Wednesday	calm/rippled	9							
13-Jun-2019	Thursday		8					31	1055	67
14-Jun-2019	Friday		4							
15-Jun-2019	Saturday		2							
16-Jun-2019	Sunday	calm/rippled	3							
17-Jun-2019	Monday		6	1						
18-Jun-2019	Tuesday		2							
19-Jun-2019	Wednesday		6							
20-Jun-2019	Thursday		5					40	1046	100
21-Jun-2019	Friday	frequent whitecaps	6							
22-Jun-2019	Saturday		5					75	1045	125
23-Jun-2019	Sunday	calm/rippled	12							
24-Jun-2019	Monday		6							
25-Jun-2019	Tuesday	calm/rippled	14							
26-Jun-2019	Wednesday	calm/rippled	7					35	1052	75
27-Jun-2019	Thursday	calm/rippled	5		2					
28-Jun-2019	Friday	calm/rippled	6							
29-Jun-2019	Saturday	calm/rippled	28		4			74	1045	129
30-Jun-2019	Sunday	calm/rippled	20							
01-Jul-2019	Monday (Canada Day)		7							
02-Jul-2019	Tuesday	calm/rippled	5							
03-Jul-2019	Wednesday	calm/rippled	8							
	Totals	calm/rippled	92	1	2			32*		73*
	Totals	calm/rippled	82	3	4			54*		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	0.0370	0.0490			36	48		
Midweek	73	20	1460	0.0110	0.0220			16	32		

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2014	June	4816	6739	382		77
2015	June	6766	7592	37		41
2016	June	4011	3378	57		16
2017	June	4970	4876	2		108
2018	June	5673	6116	3299		1
2019	June	1969	3	60		0
5-Yr Avg	June	5247	5740	755		49

**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	60	100%	10%	71	100%	8%	6

**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	129	30%
iRec Anglers	3873	28%
iRec Responses	118	28%

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

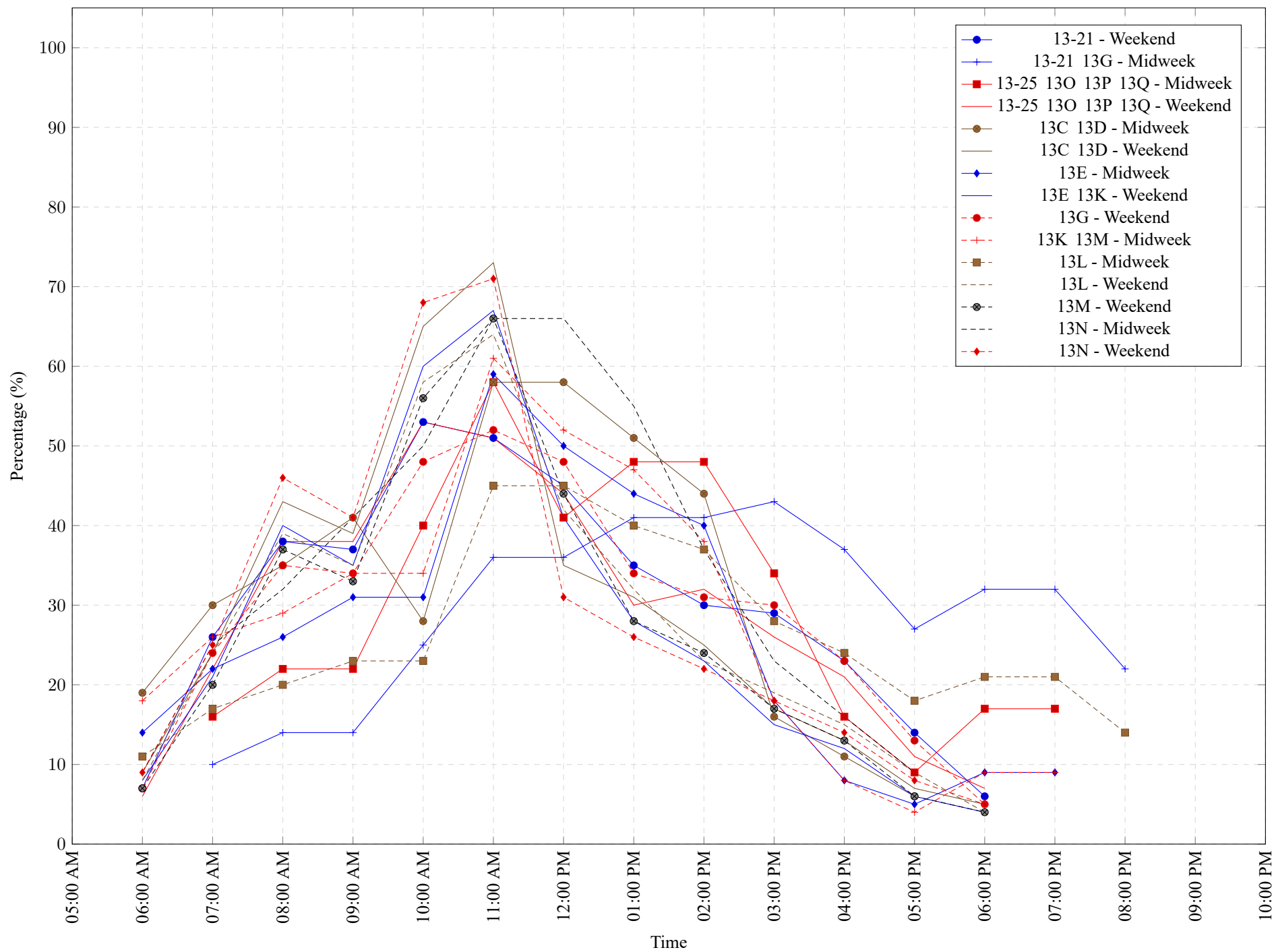


Table 7: Proportion of each day's fishing by hour.

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
13-21	Weekend	7%	26%	38%	37%	53%	51%	45%	35%	30%	29%	23%	14%	6%	0%	0%	0%	0%
13-21 13G	Midweek	0%	10%	14%	14%	25%	36%	36%	41%	41%	43%	37%	27%	32%	32%	22%	0%	0%
13-25 13O 13P 13Q	Midweek	0%	16%	22%	22%	40%	58%	41%	48%	48%	34%	16%	9%	17%	17%	0%	0%	0%
13-25 13O 13P 13Q	Weekend	6%	22%	38%	38%	53%	51%	44%	30%	32%	26%	21%	11%	7%	0%	0%	0%	0%
13C 13D	Midweek	19%	30%	35%	41%	28%	58%	58%	51%	44%	16%	11%	6%	0%	0%	0%	0%	0%
13C 13D	Weekend	9%	24%	43%	39%	65%	73%	35%	31%	25%	17%	13%	7%	5%	0%	0%	0%	0%
13E	Midweek	14%	22%	26%	31%	31%	59%	50%	44%	40%	18%	8%	5%	9%	9%	0%	0%	0%
13E 13K	Weekend	8%	21%	40%	35%	60%	67%	41%	28%	23%	15%	12%	6%	4%	0%	0%	0%	0%
13G	Weekend	7%	24%	35%	34%	48%	52%	48%	34%	31%	30%	23%	13%	5%	0%	0%	0%	0%
13K 13M	Midweek	18%	26%	29%	34%	34%	61%	52%	47%	38%	18%	8%	4%	9%	9%	0%	0%	0%
13L	Midweek	11%	17%	20%	23%	23%	45%	45%	40%	37%	28%	24%	18%	21%	21%	14%	0%	0%
13L	Weekend	8%	24%	39%	35%	58%	64%	42%	32%	23%	19%	15%	9%	4%	0%	0%	0%	0%
13M	Weekend	7%	20%	37%	33%	56%	66%	44%	28%	24%	17%	13%	6%	4%	0%	0%	0%	0%
13N	Midweek	9%	25%	32%	41%	50%	66%	66%	55%	37%	23%	16%	9%	0%	0%	0%	0%	0%
13N	Weekend	9%	25%	46%	41%	68%	71%	31%	26%	22%	18%	14%	8%	5%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Big Rock Boat Rental	Brown's Bay	Discovery Marina South	Kitty Coleman	Painter's
29 May 2019	Midweek			calm/rippled		
30 May 2019	Midweek					calm/rippled
31 May 2019	Midweek					
01 Jun 2019	Weekend					choppy
02 Jun 2019	Weekend		calm/rippled			
03 Jun 2019	Midweek					
04 Jun 2019	Midweek					
05 Jun 2019	Midweek					
06 Jun 2019	Midweek					
07 Jun 2019	Midweek					
08 Jun 2019	Weekend					
09 Jun 2019	Weekend					
10 Jun 2019	Midweek			calm/rippled		
11 Jun 2019	Midweek			calm/rippled		
12 Jun 2019	Midweek					calm/rippled
13 Jun 2019	Midweek					
14 Jun 2019	Midweek					
15 Jun 2019	Weekend					
16 Jun 2019	Weekend				calm/rippled	
17 Jun 2019	Midweek					
18 Jun 2019	Midweek					
19 Jun 2019	Midweek					
20 Jun 2019	Midweek					
21 Jun 2019	Midweek		frequent whitecaps			
22 Jun 2019	Weekend					
23 Jun 2019	Weekend			calm/rippled		
24 Jun 2019	Midweek					
25 Jun 2019	Midweek		calm/rippled		calm/rippled	
26 Jun 2019	Midweek	calm/rippled				
27 Jun 2019	Midweek					calm/rippled
28 Jun 2019	Midweek	calm/rippled				
29 Jun 2019	Weekend	calm/rippled		calm/rippled		
30 Jun 2019	Weekend			calm/rippled		calm/rippled
01 Jul 2019	Weekend					
02 Jul 2019	Midweek			calm/rippled		
03 Jul 2019	Midweek		calm/rippled			