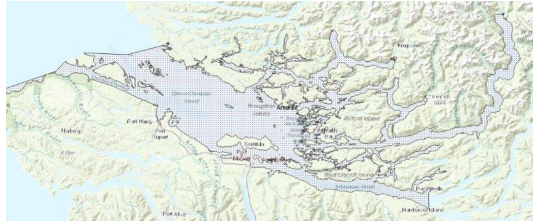


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 12 June 2022



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



Fisheries and Oceans
Canada

Pêches et Océans
Canada



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

Date	Day Type	Alder Bay Campsite		Bear Cove		Port McNeill Ramp	Quarterdeck Marina		Telegraph Cove	
		AM	PM	AM	PM	AM	AM	PM	AM	PM
29 May 2022	Weekend									
30 May 2022	Midweek									
31 May 2022	Midweek									
01 Jun 2022	Midweek									
02 Jun 2022	Midweek									
03 Jun 2022	Midweek									
04 Jun 2022	Weekend						2			
05 Jun 2022	Weekend									
06 Jun 2022	Midweek							3		
07 Jun 2022	Midweek									
08 Jun 2022	Midweek			1						
09 Jun 2022	Midweek									
10 Jun 2022	Midweek					2				
11 Jun 2022	Weekend			1					3	
12 Jun 2022	Weekend		2							
13 Jun 2022	Midweek				2					2
14 Jun 2022	Midweek									
15 Jun 2022	Midweek									
16 Jun 2022	Midweek					2				
17 Jun 2022	Midweek	1								
18 Jun 2022	Weekend					4				
19 Jun 2022	Weekend					6		2		
20 Jun 2022	Midweek				6					
21 Jun 2022	Midweek				1					
22 Jun 2022	Midweek				1					
23 Jun 2022	Midweek			2		1				
24 Jun 2022	Midweek			2					5	
25 Jun 2022	Weekend		6	3						
26 Jun 2022	Weekend				4				7	
27 Jun 2022	Midweek									6
28 Jun 2022	Midweek				4					
29 Jun 2022	Midweek						2			
30 Jun 2022	Midweek			3					8	
01 Jul 2022	Weekend						4			
02 Jul 2022	Weekend					12				
03 Jul 2022	Weekend									6

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-2022	Sunday		0					2	0946	2
30-May-2022	Monday		0							
31-May-2022	Tuesday		0							
01-Jun-2022	Wednesday		0							
02-Jun-2022	Thursday		0							
03-Jun-2022	Friday		0							
04-Jun-2022	Saturday	choppy	2							
05-Jun-2022	Sunday		0					10	1036	12
06-Jun-2022	Monday		0							
07-Jun-2022	Tuesday	calm/rippled	3	5			5			
08-Jun-2022	Wednesday	frequent whitecaps	1							
09-Jun-2022	Thursday		0					3	1031	4
10-Jun-2022	Friday	calm/rippled	2							
11-Jun-2022	Saturday	choppy	4				2	14	1027	17
12-Jun-2022	Sunday	choppy	2							
13-Jun-2022	Monday	choppy	5				4			
14-Jun-2022	Tuesday		2							
15-Jun-2022	Wednesday		0					9	1029	11
16-Jun-2022	Thursday	choppy	3				2			
17-Jun-2022	Friday	calm/rippled	1							
18-Jun-2022	Saturday	calm/rippled	4					7	1035	8
19-Jun-2022	Sunday	choppy	10	3			4			
20-Jun-2022	Monday	calm/rippled	6				4			
21-Jun-2022	Tuesday	choppy	1							
22-Jun-2022	Wednesday	choppy	2				6			
23-Jun-2022	Thursday	choppy	3							
24-Jun-2022	Friday	calm/rippled	7	2				20	1041	24
25-Jun-2022	Saturday	choppy	11	1			1			
26-Jun-2022	Sunday	calm/rippled	11							
27-Jun-2022	Monday	calm/rippled	10	1						
28-Jun-2022	Tuesday	calm/rippled	8	3			1			
29-Jun-2022	Wednesday	choppy	4	4			3	40	1152	47
30-Jun-2022	Thursday	calm/rippled	13	2						
01-Jul-2022	Friday (Canada Day)	choppy	12	3						
02-Jul-2022	Saturday	calm/rippled	12	4	2		4			
03-Jul-2022	Sunday	calm/rippled	12	1			1			
	Totals	choppy	71	17			25	18*		22*
	Totals	choppy	44	4			7	10*		12*

* 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
Midweek	22	22	484	0.239			0.352	116			170
Weekend	12	8	96	0.091			0.159	9			15

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2017	June	2528	1931	792		354
2018	June	2883	2181	86		274
2019	June	1382	2	44		171
2020	June	461	450	12		259
2021	June	514	2	54		135
2022	June	528	271			229
5-Yr Avg	June	1554	913	198		239

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	100	8%
iRec Anglers	1326	18%

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

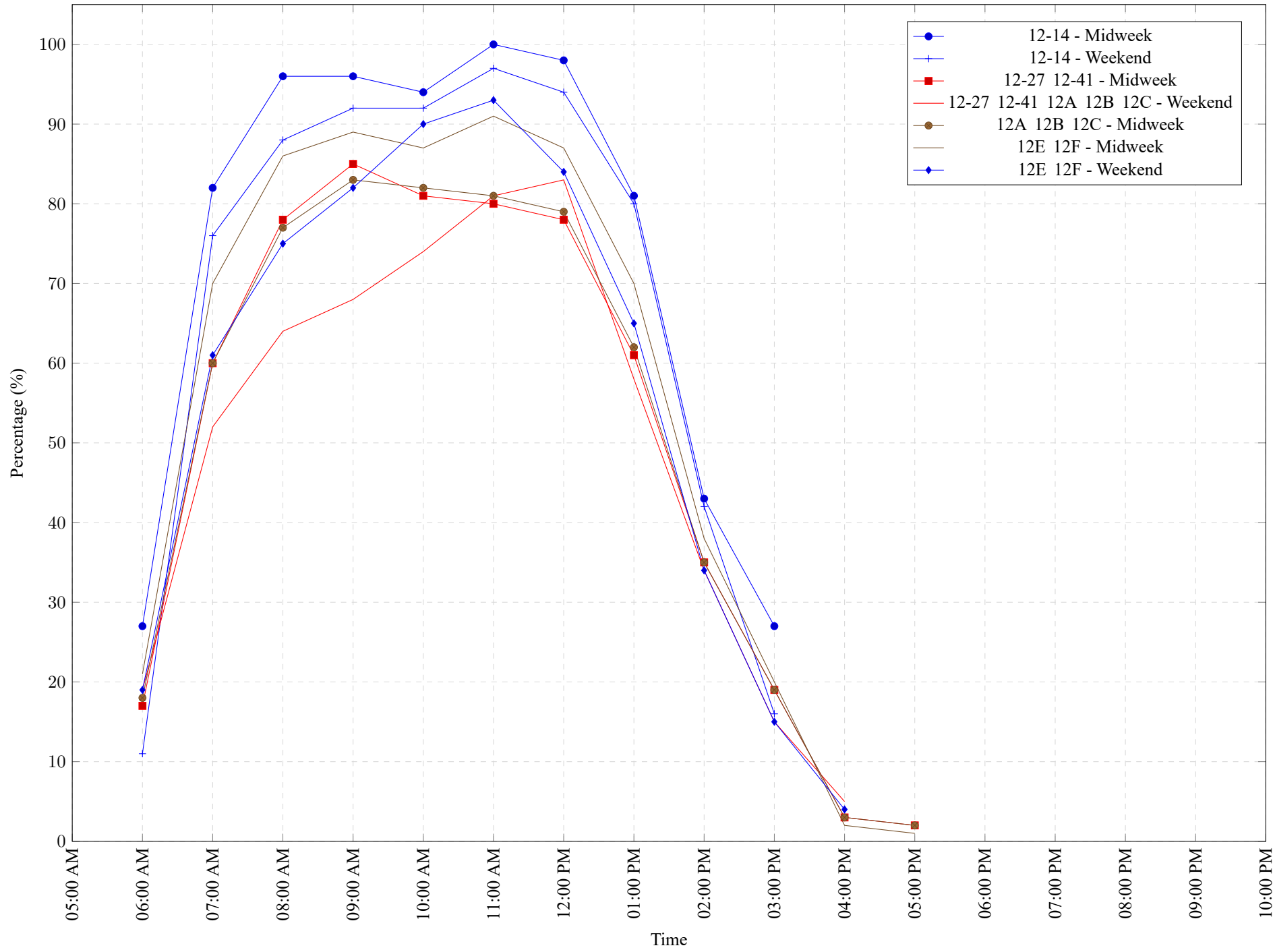


Table 7: Proportion of each day's fishing by hour.

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
12-14	Midweek	27%	82%	96%	96%	94%	100%	98%	81%	43%	27%	0%	0%	0%	0%	0%	0%	0%
12-14	Weekend	11%	76%	88%	92%	92%	97%	94%	80%	42%	16%	0%	0%	0%	0%	0%	0%	0%
12-27 12-41	Midweek	17%	60%	78%	85%	81%	80%	78%	61%	35%	19%	3%	2%	0%	0%	0%	0%	0%
12-27 12-41 12A 12B 12C	Weekend	19%	52%	64%	68%	74%	81%	83%	58%	34%	15%	5%	0%	0%	0%	0%	0%	0%
12A 12B 12C	Midweek	18%	60%	77%	83%	82%	81%	79%	62%	35%	19%	3%	2%	0%	0%	0%	0%	0%
12E 12F	Midweek	21%	70%	86%	89%	87%	91%	87%	70%	38%	20%	2%	1%	0%	0%	0%	0%	0%
12E 12F	Weekend	19%	61%	75%	82%	90%	93%	84%	65%	34%	15%	4%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Alder Bay Campsite	Bear Cove	Port McNeill Ramp	Quarterdeck Marina	Telegraph Cove
29 May 2022	Weekend					
30 May 2022	Midweek					
31 May 2022	Midweek					
01 Jun 2022	Midweek					
02 Jun 2022	Midweek					
03 Jun 2022	Midweek					
04 Jun 2022	Weekend				choppy	
05 Jun 2022	Weekend					
06 Jun 2022	Midweek					
07 Jun 2022	Midweek				calm/rippled	
08 Jun 2022	Midweek		frequent whitecaps			
09 Jun 2022	Midweek					
10 Jun 2022	Midweek			calm/rippled		
11 Jun 2022	Weekend		choppy			calm/rippled
12 Jun 2022	Weekend	choppy				
13 Jun 2022	Midweek		choppy			calm/rippled
14 Jun 2022	Midweek					
15 Jun 2022	Midweek					
16 Jun 2022	Midweek			choppy		
17 Jun 2022	Midweek	calm/rippled				
18 Jun 2022	Weekend			calm/rippled		
19 Jun 2022	Weekend			choppy	calm/rippled	
20 Jun 2022	Midweek		calm/rippled			
21 Jun 2022	Midweek		choppy			
22 Jun 2022	Midweek		choppy			
23 Jun 2022	Midweek		choppy	calm/rippled		
24 Jun 2022	Midweek		choppy			calm/rippled
25 Jun 2022	Weekend	calm/rippled	choppy			
26 Jun 2022	Weekend		choppy			calm/rippled
27 Jun 2022	Midweek					calm/rippled
28 Jun 2022	Midweek		calm/rippled			
29 Jun 2022	Midweek				choppy	
30 Jun 2022	Midweek		choppy			calm/rippled
01 Jul 2022	Weekend				choppy	
02 Jul 2022	Weekend			calm/rippled		
03 Jul 2022	Weekend					calm/rippled