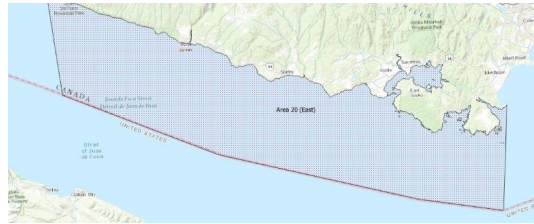


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 20 (East) March 2024



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 9th May, 2024



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	Flem- ming	Pedder Bay		Prestige Hotel Ramp	Sooke Harbour Marina
		MD	AM	MD	MD	MD
27 Feb 2024	Midweek					
28 Feb 2024	Midweek					
29 Feb 2024	Midweek					
01 Mar 2024	Midweek					
02 Mar 2024	Weekend			8		1
03 Mar 2024	Weekend					
04 Mar 2024	Midweek					
05 Mar 2024	Midweek				1	
06 Mar 2024	Midweek					
07 Mar 2024	Midweek					
08 Mar 2024	Midweek					
09 Mar 2024	Weekend					
10 Mar 2024	Weekend					
11 Mar 2024	Midweek					
12 Mar 2024	Midweek					
13 Mar 2024	Midweek					
14 Mar 2024	Midweek					5
15 Mar 2024	Midweek	1				
16 Mar 2024	Weekend	1			5	
17 Mar 2024	Weekend			28		
18 Mar 2024	Midweek			11		
19 Mar 2024	Midweek					6
20 Mar 2024	Midweek					
21 Mar 2024	Midweek				6	
22 Mar 2024	Midweek					
23 Mar 2024	Weekend					2
24 Mar 2024	Weekend			24		
25 Mar 2024	Midweek					
26 Mar 2024	Midweek			2		
27 Mar 2024	Midweek					
28 Mar 2024	Midweek				4	
29 Mar 2024	Weekend					11
30 Mar 2024	Weekend				14	
31 Mar 2024	Weekend					
01 Apr 2024	Midweek		13			
02 Apr 2024	Midweek					
03 Apr 2024	Midweek					

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
27-Feb-2024	Tuesday		0							
28-Feb-2024	Wednesday		0							
29-Feb-2024	Thursday		0							
01-Mar-2024	Friday		0					9	1059	12
02-Mar-2024	Saturday	choppy	9	11						
03-Mar-2024	Sunday		0							
04-Mar-2024	Monday		0							
05-Mar-2024	Tuesday	choppy	1							
06-Mar-2024	Wednesday		0							
07-Mar-2024	Thursday		0							
08-Mar-2024	Friday		0							
09-Mar-2024	Saturday		0							
10-Mar-2024	Sunday		0					28	1058	35
11-Mar-2024	Monday		0							
12-Mar-2024	Tuesday		0							
13-Mar-2024	Wednesday		0					18	1057	23
14-Mar-2024	Thursday	choppy	5				3			
15-Mar-2024	Friday	calm/rippled	1							
16-Mar-2024	Saturday	choppy	6	1				16	1102	19
17-Mar-2024	Sunday	choppy	28	2						
18-Mar-2024	Monday	calm/rippled	11	1			7			
19-Mar-2024	Tuesday	calm/rippled	6	4			2			
20-Mar-2024	Wednesday		0							
21-Mar-2024	Thursday	choppy	6	1			2			
22-Mar-2024	Friday		0					14	1058	18
23-Mar-2024	Saturday	choppy	2	2						
24-Mar-2024	Sunday	calm/rippled	24	8						
25-Mar-2024	Monday		0							
26-Mar-2024	Tuesday	frequent whitecaps	2	1						
27-Mar-2024	Wednesday		0							
28-Mar-2024	Thursday	choppy	4							
29-Mar-2024	Friday (Good Friday)	choppy	11	3			7			
30-Mar-2024	Saturday	choppy	14	1			4	53	1102	65
31-Mar-2024	Sunday		0							
01-Apr-2024	Monday	choppy	13					17	1116	21
02-Apr-2024	Tuesday		0							
03-Apr-2024	Wednesday		0							
	Totals	choppy	36	7			14	14*		18*
	Totals	choppy	94	28			11	32*		40*

* 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	18	20	360	0.194			0.389	70			140
Weekend	40	11	440	0.298			0.117	131			51

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2021	March	778	746	0		96
2022	March	489	500			33
2023	March	460	439			27
2024	March	792	199			46
5-Yr Avg	March	576	562	0		52

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	130	10%
iRec Anglers	135	9%
iRec Anglers	612	33%

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

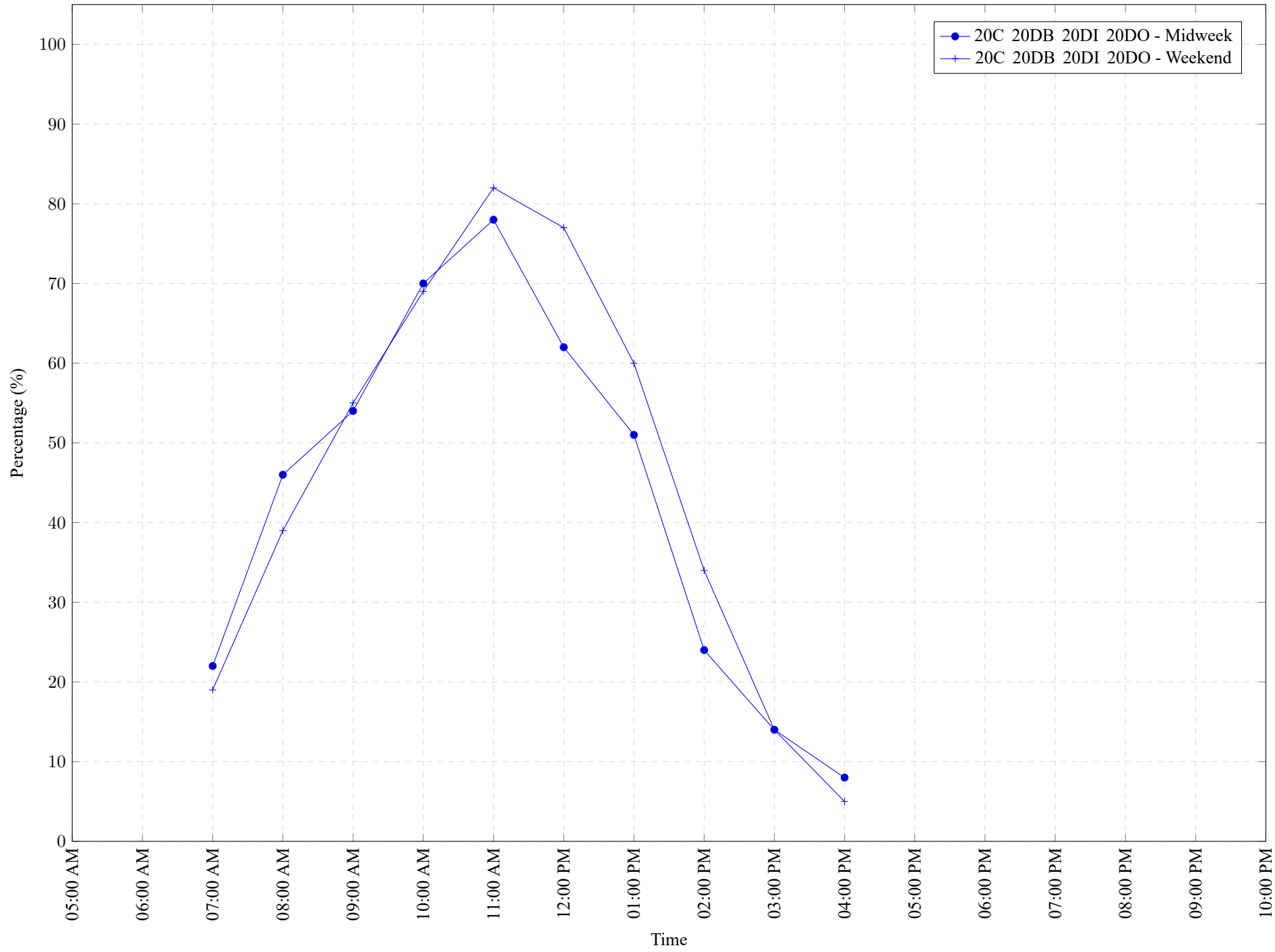


Table 7: Proportion of each day's fishing by hour.

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
20C	20DB	20DI	20DO	Midweek	0%	22%	46%	54%	70%	78%	62%	51%	24%	14%	8%	0%	0%	0%	0%	0%	0%
20C	20DB	20DI	20DO	Weekend	0%	19%	39%	55%	69%	82%	77%	60%	34%	14%	5%	0%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Flemming	Pedder Bay	Prestige Hotel Ramp	Sooke Harbour Marina
27 Feb 2024	Midweek				
28 Feb 2024	Midweek				
29 Feb 2024	Midweek				
01 Mar 2024	Midweek				
02 Mar 2024	Weekend		choppy		choppy
03 Mar 2024	Weekend				
04 Mar 2024	Midweek				
05 Mar 2024	Midweek			choppy	
06 Mar 2024	Midweek				
07 Mar 2024	Midweek				
08 Mar 2024	Midweek				
09 Mar 2024	Weekend				
10 Mar 2024	Weekend				
11 Mar 2024	Midweek				
12 Mar 2024	Midweek				
13 Mar 2024	Midweek				
14 Mar 2024	Midweek				choppy
15 Mar 2024	Midweek	calm/rippled			
16 Mar 2024	Weekend	choppy		choppy	
17 Mar 2024	Weekend		choppy		
18 Mar 2024	Midweek		calm/rippled		
19 Mar 2024	Midweek				calm/rippled
20 Mar 2024	Midweek				
21 Mar 2024	Midweek			choppy	
22 Mar 2024	Midweek				
23 Mar 2024	Weekend				choppy
24 Mar 2024	Weekend		calm/rippled		
25 Mar 2024	Midweek				
26 Mar 2024	Midweek		frequent whitecaps		
27 Mar 2024	Midweek				
28 Mar 2024	Midweek			choppy	
29 Mar 2024	Weekend				choppy
30 Mar 2024	Weekend			choppy	
31 Mar 2024	Weekend				
01 Apr 2024	Midweek		choppy		
02 Apr 2024	Midweek				
03 Apr 2024	Midweek				