

FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 16 April 2022



Prepared By:

South Coast Salmon Stock Assessment Section

Thursday 19th January, 2023



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Canada

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Canada



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

Date	Day Type	Cooper's Green	Egmont		French Ck		Madeira	Pender Harbour Resort	Porpoise Bay	
		PM	AM	PM	AM	PM	PM	PM	AM	PM
29 Mar 2022	Midweek									
30 Mar 2022	Midweek									
31 Mar 2022	Midweek									
01 Apr 2022	Midweek									
02 Apr 2022	Weekend									
03 Apr 2022	Weekend									
04 Apr 2022	Midweek									
05 Apr 2022	Midweek									
06 Apr 2022	Midweek									
07 Apr 2022	Midweek									1
08 Apr 2022	Midweek	1								
09 Apr 2022	Weekend	2								
10 Apr 2022	Weekend									
11 Apr 2022	Midweek									
12 Apr 2022	Midweek									
13 Apr 2022	Midweek									
14 Apr 2022	Midweek						2			
15 Apr 2022	Weekend									
16 Apr 2022	Weekend									
17 Apr 2022	Weekend							3		
18 Apr 2022	Midweek									1
19 Apr 2022	Midweek									
20 Apr 2022	Midweek									
21 Apr 2022	Midweek									
22 Apr 2022	Midweek					3				
23 Apr 2022	Weekend				1					
24 Apr 2022	Weekend								1	
25 Apr 2022	Midweek									
26 Apr 2022	Midweek									
27 Apr 2022	Midweek									
28 Apr 2022	Midweek								1	
29 Apr 2022	Midweek									
30 Apr 2022	Weekend			1						
01 May 2022	Weekend		2							
02 May 2022	Midweek									
03 May 2022	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
29-Mar-2022	Tuesday		0							
30-Mar-2022	Wednesday		0							
31-Mar-2022	Thursday		0							
01-Apr-2022	Friday		0					1	1219	16
02-Apr-2022	Saturday		0					6	1222	10
03-Apr-2022	Sunday		0							
04-Apr-2022	Monday		0							
05-Apr-2022	Tuesday		0					1	1157	8
06-Apr-2022	Wednesday		0							
07-Apr-2022	Thursday	calm/rippled	1							
08-Apr-2022	Friday	choppy	1							
09-Apr-2022	Saturday	frequent whitecaps	2					0	1223	0
10-Apr-2022	Sunday		0							
11-Apr-2022	Monday		0							
12-Apr-2022	Tuesday		0							
13-Apr-2022	Wednesday		0							
14-Apr-2022	Thursday	choppy	2					8	1202	63
15-Apr-2022	Friday (Good Friday)		0					7	1155	14
16-Apr-2022	Saturday		0							
17-Apr-2022	Sunday	large swells	3							
18-Apr-2022	Monday	choppy	1							
19-Apr-2022	Tuesday		1	1						
20-Apr-2022	Wednesday		0							
21-Apr-2022	Thursday		0							
22-Apr-2022	Friday	choppy	3							
23-Apr-2022	Saturday	choppy	1							
24-Apr-2022	Sunday	calm/rippled	1							
25-Apr-2022	Monday		0							
26-Apr-2022	Tuesday		0							
27-Apr-2022	Wednesday		0					6	1138	76
28-Apr-2022	Thursday	calm/rippled	1							
29-Apr-2022	Friday		0							
30-Apr-2022	Saturday	calm/rippled	1							
01-May-2022	Sunday	calm/rippled	2							
02-May-2022	Monday		0					4	1134	64
03-May-2022	Tuesday		0							
	Totals	choppy	10	1				4*		41*
	Totals	choppy	8					4*		8*

* 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	41	20	820	0.1				82			
Weekend	8	10	80								

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
2022	April	599	1			0

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
Chinook	1	100%	500%	13	32%	38%	5

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	17	0%
iRec Anglers	285	19%

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

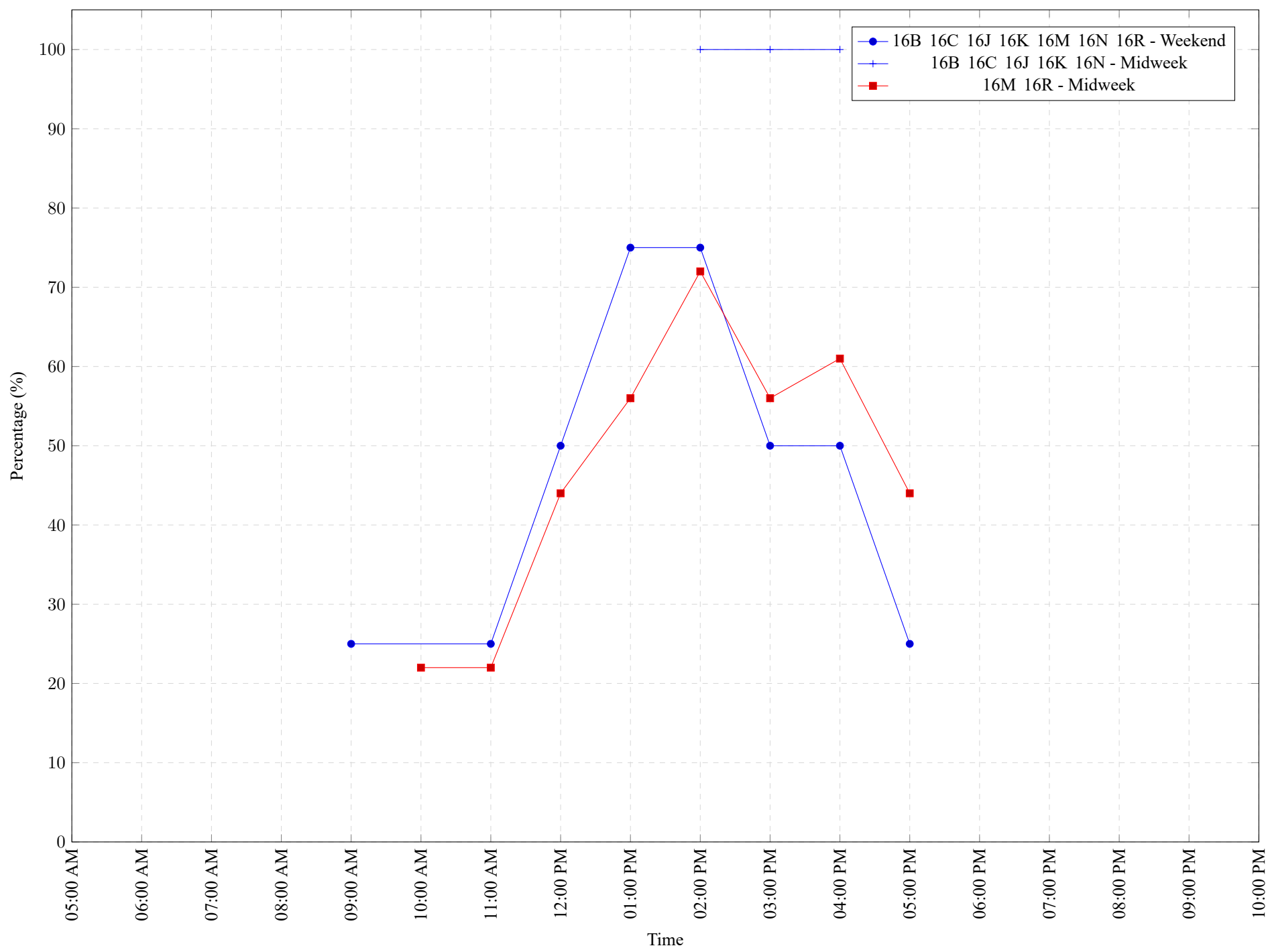


Table 7: Proportion of each day's fishing by hour.

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
16B	16C	16J	16K	16M	16N	16R	Weekend	0%	0%	0%	25%	0%	25%	50%	75%	75%	50%	50%	25%	0%	0%	0%	0%	0%
16B	16C	16J	16K	16N			Midweek	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	100%	0%	0%	0%	0%	0%	0%
		16M	16R				Midweek	0%	0%	0%	0%	22%	22%	44%	56%	72%	56%	61%	44%	0%	0%	0%	0%	0%

Table 8: Daily Fishing Conditions.

Date	Day Type	Cooper's Green	Egmont	French Ck	Madeira	Pender Harbour Resort	Porpoise Bay
29 Mar 2022	Midweek						
30 Mar 2022	Midweek						
31 Mar 2022	Midweek						
01 Apr 2022	Midweek						
02 Apr 2022	Weekend						
03 Apr 2022	Weekend						
04 Apr 2022	Midweek						
05 Apr 2022	Midweek						
06 Apr 2022	Midweek						
07 Apr 2022	Midweek						calm/rippled
08 Apr 2022	Midweek	choppy					
09 Apr 2022	Weekend	frequent whitecaps					
10 Apr 2022	Weekend						
11 Apr 2022	Midweek						
12 Apr 2022	Midweek						
13 Apr 2022	Midweek						
14 Apr 2022	Midweek				choppy		
15 Apr 2022	Weekend						
16 Apr 2022	Weekend						
17 Apr 2022	Weekend					large swells	
18 Apr 2022	Midweek						choppy
19 Apr 2022	Midweek						
20 Apr 2022	Midweek						
21 Apr 2022	Midweek						
22 Apr 2022	Midweek				choppy		
23 Apr 2022	Weekend				choppy		
24 Apr 2022	Weekend						calm/rippled
25 Apr 2022	Midweek						
26 Apr 2022	Midweek						
27 Apr 2022	Midweek						
28 Apr 2022	Midweek						calm/rippled
29 Apr 2022	Midweek						
30 Apr 2022	Weekend		calm/rippled				
01 May 2022	Weekend		calm/rippled				
02 May 2022	Midweek						
03 May 2022	Midweek						