

# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 16 April 2024



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Wednesday 12<sup>th</sup> June, 2024



Fisheries and Oceans  
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		Madeira		Saltery Bay
		AM	PM	AM	PM	AM
29 Mar 2024	Weekend					
30 Mar 2024	Weekend					
31 Mar 2024	Weekend					
01 Apr 2024	Midweek					
02 Apr 2024	Midweek					
03 Apr 2024	Midweek					
04 Apr 2024	Midweek					
05 Apr 2024	Midweek					
06 Apr 2024	Weekend		2			
07 Apr 2024	Weekend					
08 Apr 2024	Midweek					
09 Apr 2024	Midweek	2				
10 Apr 2024	Midweek					
11 Apr 2024	Midweek					
12 Apr 2024	Midweek					
13 Apr 2024	Weekend					
14 Apr 2024	Weekend					
15 Apr 2024	Midweek					
16 Apr 2024	Midweek					
17 Apr 2024	Midweek					
18 Apr 2024	Midweek					
19 Apr 2024	Midweek					
20 Apr 2024	Weekend					
21 Apr 2024	Weekend					4
22 Apr 2024	Midweek					
23 Apr 2024	Midweek					
24 Apr 2024	Midweek				1	
25 Apr 2024	Midweek					
26 Apr 2024	Midweek					
27 Apr 2024	Weekend					
28 Apr 2024	Weekend					
29 Apr 2024	Midweek					
30 Apr 2024	Midweek					1
01 May 2024	Midweek			2		1
02 May 2024	Midweek					
03 May 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
29-Mar-2024	Friday (Good Friday)		0							
30-Mar-2024	Saturday		0							
31-Mar-2024	Sunday		0							
01-Apr-2024	Monday		0					10	1124	28
02-Apr-2024	Tuesday		0							
03-Apr-2024	Wednesday		0							
04-Apr-2024	Thursday		0							
05-Apr-2024	Friday		0							
06-Apr-2024	Saturday	choppy	2							
07-Apr-2024	Sunday		0					5	1131	27
08-Apr-2024	Monday		0							
09-Apr-2024	Tuesday	calm/rippled	2					3	1132	8
10-Apr-2024	Wednesday		0							
11-Apr-2024	Thursday		0							
12-Apr-2024	Friday		0							
13-Apr-2024	Saturday		0					7	1135	32
14-Apr-2024	Sunday		0							
15-Apr-2024	Monday		0							
16-Apr-2024	Tuesday		0							
17-Apr-2024	Wednesday		0					2	1121	5
18-Apr-2024	Thursday		0							
19-Apr-2024	Friday		0							
20-Apr-2024	Saturday		0							
21-Apr-2024	Sunday	calm/rippled	4					13	1122	91
22-Apr-2024	Monday		0							
23-Apr-2024	Tuesday		0					3	1120	7
24-Apr-2024	Wednesday	choppy	1							
25-Apr-2024	Thursday		0							
26-Apr-2024	Friday		0							
27-Apr-2024	Saturday		0					2	1127	5
28-Apr-2024	Sunday		0							
29-Apr-2024	Monday		0							
30-Apr-2024	Tuesday	calm/rippled	1							
01-May-2024	Wednesday	choppy	5							
02-May-2024	Thursday		2					16	1122	42
03-May-2024	Friday		0							
	Totals	calm/rippled	4					5*		12*
	Totals	choppy	6					7*		39*

\* 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	12	22	264								
Weekend	39	8	312								

**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
2023	April	362	0			0
2024	April	494	0			0
5-Yr Avg	April	481	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
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**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	10	0%
iRec Anglers	160	16%

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

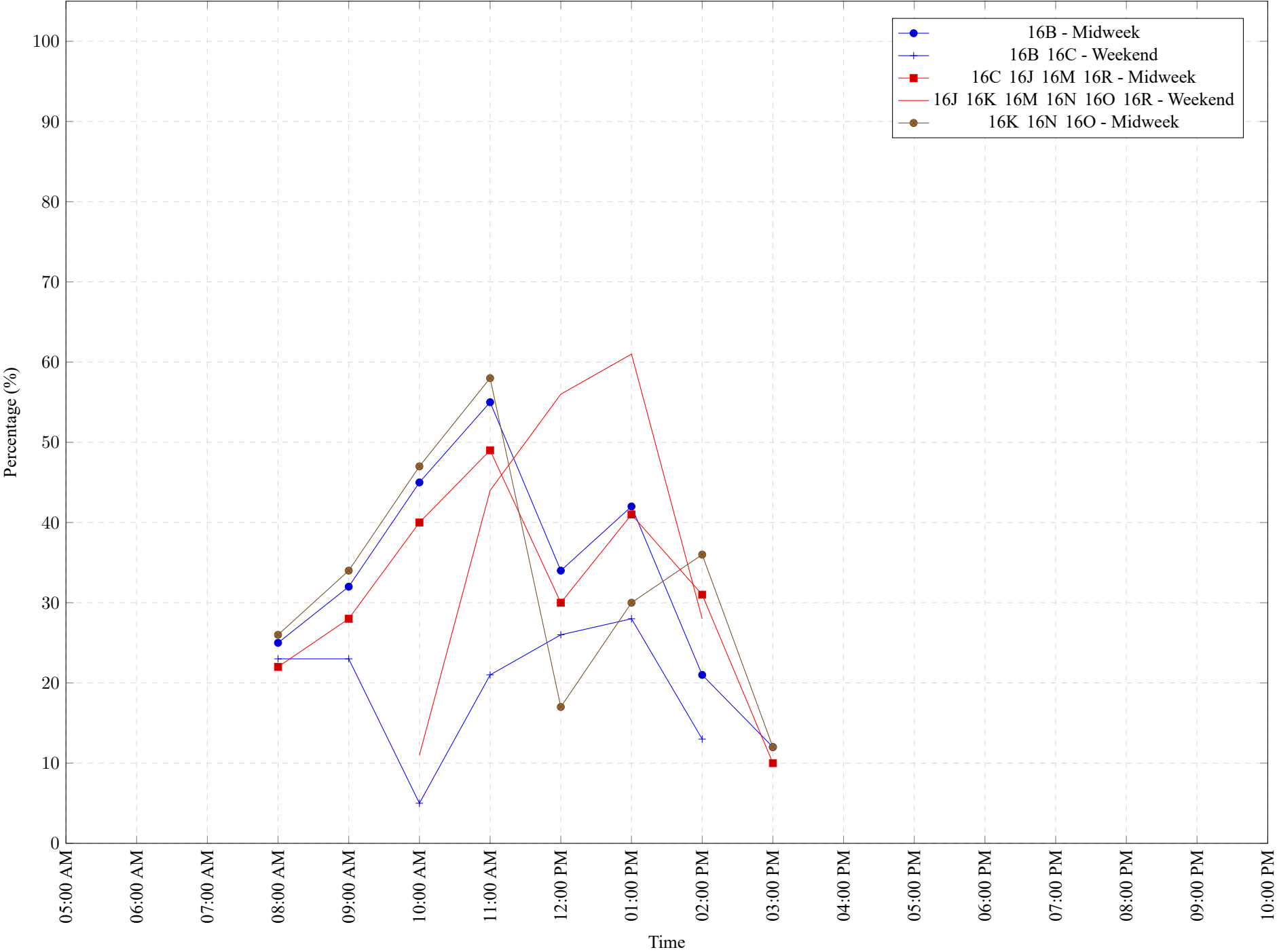


Table 7: Proportion of each day's fishing by hour.

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	Midweek	0%	0%	25%	32%	45%	55%	34%	42%	21%	12%	0%	0%	0%	0%	0%	0%	0%
16B 16C	Weekend	0%	0%	23%	23%	5%	21%	26%	28%	13%	0%	0%	0%	0%	0%	0%	0%	0%
16C 16J 16M 16R	Midweek	0%	0%	22%	28%	40%	49%	30%	41%	31%	10%	0%	0%	0%	0%	0%	0%	0%
16J 16K 16M 16N 16O 16R	Weekend	0%	0%	0%	0%	11%	44%	56%	61%	28%	0%	0%	0%	0%	0%	0%	0%	0%
16K 16N 16O	Midweek	0%	0%	26%	34%	47%	58%	17%	30%	36%	12%	0%	0%	0%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Cooper's Green	Madeira	Saltery Bay
29 Mar 2024	Weekend			
30 Mar 2024	Weekend			
31 Mar 2024	Weekend			
01 Apr 2024	Midweek			
02 Apr 2024	Midweek			
03 Apr 2024	Midweek			
04 Apr 2024	Midweek			
05 Apr 2024	Midweek			
06 Apr 2024	Weekend	choppy		
07 Apr 2024	Weekend			
08 Apr 2024	Midweek			
09 Apr 2024	Midweek	calm/rippled		
10 Apr 2024	Midweek			
11 Apr 2024	Midweek			
12 Apr 2024	Midweek			
13 Apr 2024	Weekend			
14 Apr 2024	Weekend			
15 Apr 2024	Midweek			
16 Apr 2024	Midweek			
17 Apr 2024	Midweek			
18 Apr 2024	Midweek			
19 Apr 2024	Midweek			
20 Apr 2024	Weekend			
21 Apr 2024	Weekend			calm/rippled
22 Apr 2024	Midweek			
23 Apr 2024	Midweek			
24 Apr 2024	Midweek		choppy	
25 Apr 2024	Midweek			
26 Apr 2024	Midweek			
27 Apr 2024	Weekend			
28 Apr 2024	Weekend			
29 Apr 2024	Midweek			
30 Apr 2024	Midweek			calm/rippled
01 May 2024	Midweek		choppy	choppy
02 May 2024	Midweek			
03 May 2024	Midweek			