

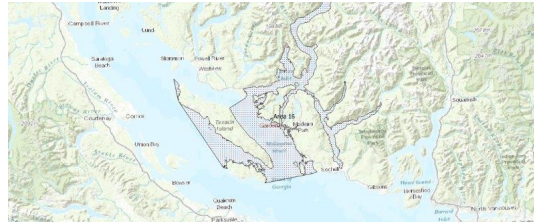
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 16 April 2023



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Wednesday 7<sup>th</sup> February, 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	Pender Harbour Resort
		PM	AM
29 Mar 2023	Midweek		
30 Mar 2023	Midweek		
31 Mar 2023	Midweek		
01 Apr 2023	Weekend		
02 Apr 2023	Weekend		
03 Apr 2023	Midweek		
04 Apr 2023	Midweek		
05 Apr 2023	Midweek		
06 Apr 2023	Midweek		
07 Apr 2023	Weekend		
08 Apr 2023	Weekend		
09 Apr 2023	Weekend	2	
10 Apr 2023	Midweek		
11 Apr 2023	Midweek		
12 Apr 2023	Midweek		
13 Apr 2023	Midweek		
14 Apr 2023	Midweek		
15 Apr 2023	Weekend		1
16 Apr 2023	Weekend		
17 Apr 2023	Midweek		
18 Apr 2023	Midweek		
19 Apr 2023	Midweek		
20 Apr 2023	Midweek		
21 Apr 2023	Midweek		
22 Apr 2023	Weekend		
23 Apr 2023	Weekend		
24 Apr 2023	Midweek		
25 Apr 2023	Midweek		
26 Apr 2023	Midweek		
27 Apr 2023	Midweek		
28 Apr 2023	Midweek		
29 Apr 2023	Weekend		
30 Apr 2023	Weekend		
01 May 2023	Midweek		
02 May 2023	Midweek		
03 May 2023	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-2023	Wednesday		0							
30-Mar-2023	Thursday		0							
31-Mar-2023	Friday		0							
01-Apr-2023	Saturday		0					4	1232	32
02-Apr-2023	Sunday		0							
03-Apr-2023	Monday		0							
04-Apr-2023	Tuesday		0							
05-Apr-2023	Wednesday		0							
06-Apr-2023	Thursday		0							
07-Apr-2023	Friday (Good Friday)		0					6	1236	48
08-Apr-2023	Saturday		0							
09-Apr-2023	Sunday	choppy	2							
10-Apr-2023	Monday		0							
11-Apr-2023	Tuesday		0							
12-Apr-2023	Wednesday		0							
13-Apr-2023	Thursday		0							
14-Apr-2023	Friday		0					1	1236	2
15-Apr-2023	Saturday	calm/rippled	1							
16-Apr-2023	Sunday		0							
17-Apr-2023	Monday		0							
18-Apr-2023	Tuesday		0							
19-Apr-2023	Wednesday		0							
20-Apr-2023	Thursday		0							
21-Apr-2023	Friday		0							
22-Apr-2023	Saturday		0							
23-Apr-2023	Sunday		0					4	1237	32
24-Apr-2023	Monday		0					2	1306	6
25-Apr-2023	Tuesday		0							
26-Apr-2023	Wednesday		0							
27-Apr-2023	Thursday		0					9	1259	20
28-Apr-2023	Friday		0							
29-Apr-2023	Saturday		0							
30-Apr-2023	Sunday		0							
01-May-2023	Monday		0							
02-May-2023	Tuesday		0							
03-May-2023	Wednesday		1							
	Totals							4*		9*
	Totals	choppy	3					5*		37*

\* 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	9	19	171								
Weekend	37	11	407								

**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
5-Yr Avg	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
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**Table 6: Guided Proprtions Review.**

Data Source	Interviews / Angler Days	Guided Proportion
Creel Interivews	3	0%
iRec Anglers	79	3%

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

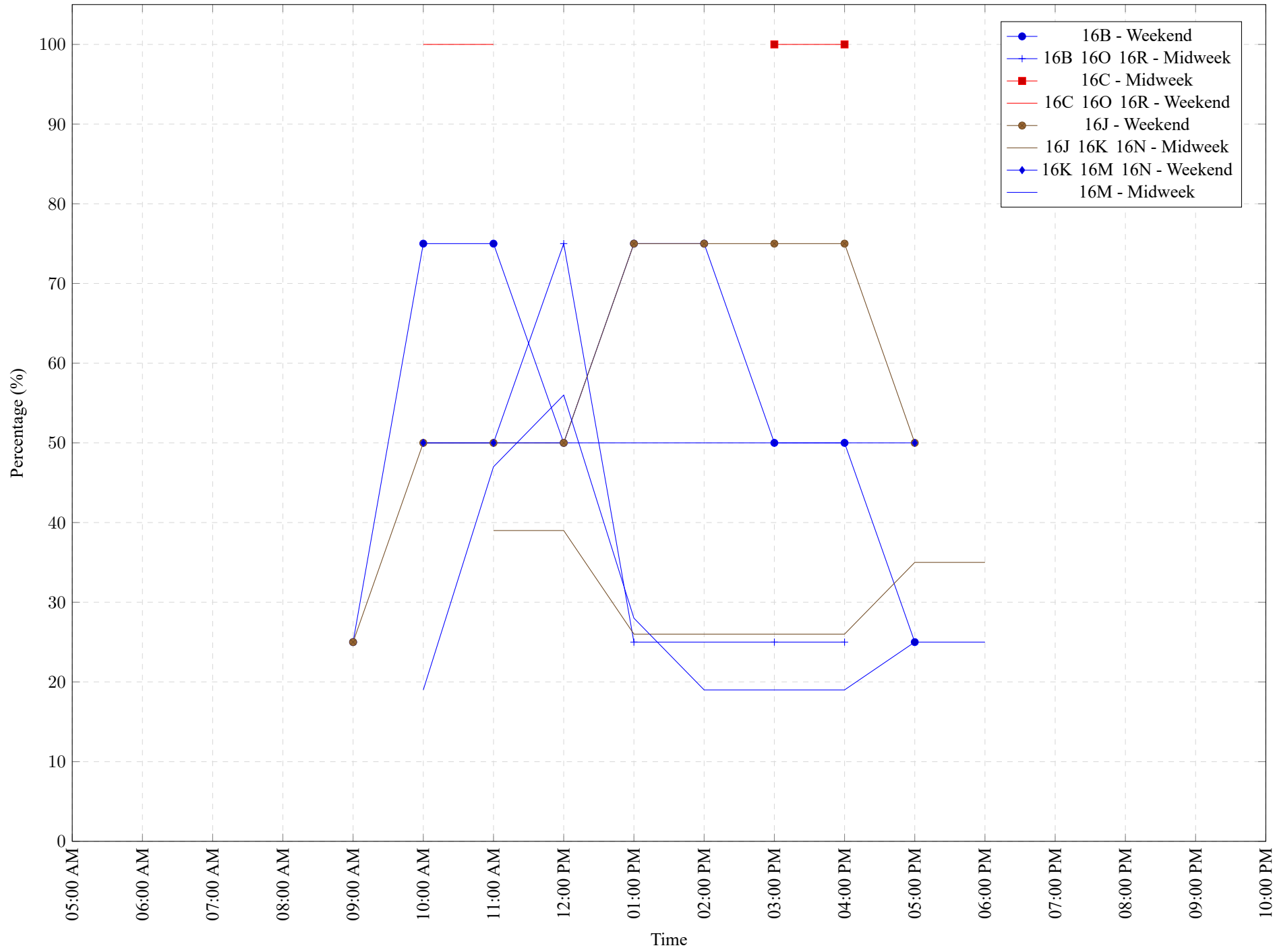


Table 7: Proportion of each day's fishing by hour.

Areas	Day Type	6:00	7:00	8:00	9:00	10:00	11:00	12:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00
		AM	AM	AM	AM	AM	AM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM	PM
16B	Weekend	0%	0%	0%	25%	75%	75%	50%	75%	75%	50%	50%	25%	0%	0%	0%	0%	0%
16B 16O 16R	Midweek	0%	0%	0%	0%	50%	50%	75%	25%	0%	25%	25%	0%	0%	0%	0%	0%	0%
16C	Midweek	0%	0%	0%	0%	0%	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%
16C 16O 16R	Weekend	0%	0%	0%	0%	100%	100%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
16J	Weekend	0%	0%	0%	25%	50%	50%	50%	75%	75%	75%	75%	50%	0%	0%	0%	0%	0%
16J 16K 16N	Midweek	0%	0%	0%	0%	0%	39%	39%	26%	26%	26%	26%	35%	35%	0%	0%	0%	0%
16K 16M 16N	Weekend	0%	0%	0%	0%	50%	50%	0%	0%	0%	50%	50%	50%	0%	0%	0%	0%	0%
16M	Midweek	0%	0%	0%	0%	19%	47%	56%	28%	19%	19%	19%	25%	25%	0%	0%	0%	0%

**Table 8: Daily Fishing Conditions.**

Date	Day Type	Cooper's Green	Pender Harbour Resort
29 Mar 2023	Midweek		
30 Mar 2023	Midweek		
31 Mar 2023	Midweek		
01 Apr 2023	Weekend		
02 Apr 2023	Weekend		
03 Apr 2023	Midweek		
04 Apr 2023	Midweek		
05 Apr 2023	Midweek		
06 Apr 2023	Midweek		
07 Apr 2023	Weekend		
08 Apr 2023	Weekend		
09 Apr 2023	Weekend	choppy	
10 Apr 2023	Midweek		
11 Apr 2023	Midweek		
12 Apr 2023	Midweek		
13 Apr 2023	Midweek		
14 Apr 2023	Midweek		
15 Apr 2023	Weekend		calm/rippled
16 Apr 2023	Weekend		
17 Apr 2023	Midweek		
18 Apr 2023	Midweek		
19 Apr 2023	Midweek		
20 Apr 2023	Midweek		
21 Apr 2023	Midweek		
22 Apr 2023	Weekend		
23 Apr 2023	Weekend		
24 Apr 2023	Midweek		
25 Apr 2023	Midweek		
26 Apr 2023	Midweek		
27 Apr 2023	Midweek		
28 Apr 2023	Midweek		
29 Apr 2023	Weekend		
30 Apr 2023	Weekend		
01 May 2023	Midweek		
02 May 2023	Midweek		
03 May 2023	Midweek		