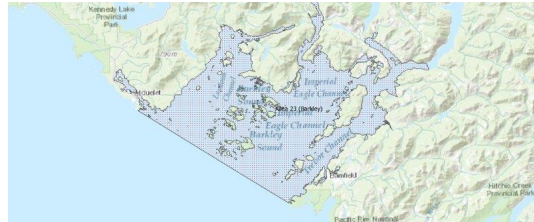


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 23 (Barkley) April 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
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
08 Apr 2022	Midweek
09 Apr 2022	Weekend
10 Apr 2022	Weekend
11 Apr 2022	Midweek
12 Apr 2022	Midweek
13 Apr 2022	Midweek
14 Apr 2022	Midweek
15 Apr 2022	Weekend
16 Apr 2022	Weekend
17 Apr 2022	Weekend
18 Apr 2022	Midweek
19 Apr 2022	Midweek
20 Apr 2022	Midweek
21 Apr 2022	Midweek
22 Apr 2022	Midweek
23 Apr 2022	Weekend
24 Apr 2022	Weekend
25 Apr 2022	Midweek
26 Apr 2022	Midweek
27 Apr 2022	Midweek
28 Apr 2022	Midweek
29 Apr 2022	Midweek
30 Apr 2022	Weekend
01 May 2022	Weekend
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							
02-Apr-2022	Saturday		0							
03-Apr-2022	Sunday		0							
04-Apr-2022	Monday		0							
05-Apr-2022	Tuesday		0							
06-Apr-2022	Wednesday		0							
07-Apr-2022	Thursday		0							
08-Apr-2022	Friday		1							
09-Apr-2022	Saturday		1							
10-Apr-2022	Sunday		2							
11-Apr-2022	Monday		1							
12-Apr-2022	Tuesday		0							
13-Apr-2022	Wednesday		0							
14-Apr-2022	Thursday		0							
15-Apr-2022	Friday (Good Friday)		0							
16-Apr-2022	Saturday		0							
17-Apr-2022	Sunday		0							
18-Apr-2022	Monday		0							
19-Apr-2022	Tuesday		0							
20-Apr-2022	Wednesday		0							
21-Apr-2022	Thursday		0							
22-Apr-2022	Friday		0							
23-Apr-2022	Saturday		0							
24-Apr-2022	Sunday		0							
25-Apr-2022	Monday		0							
26-Apr-2022	Tuesday		0							
27-Apr-2022	Wednesday		0							
28-Apr-2022	Thursday		0							
29-Apr-2022	Friday		0							
30-Apr-2022	Saturday		0							
01-May-2022	Sunday		0							
02-May-2022	Monday		0							
03-May-2022	Tuesday		0							
	Totals		2					*		*
	Totals		3					*		*

* 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
Weekend		10									
Midweek		20									

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

Year	Month	Total Effort	Chinook Kept	Coho Kept	Sockeye Kept	Halibut Kept
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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		%		56	43%	50%	28

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	594	24%

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

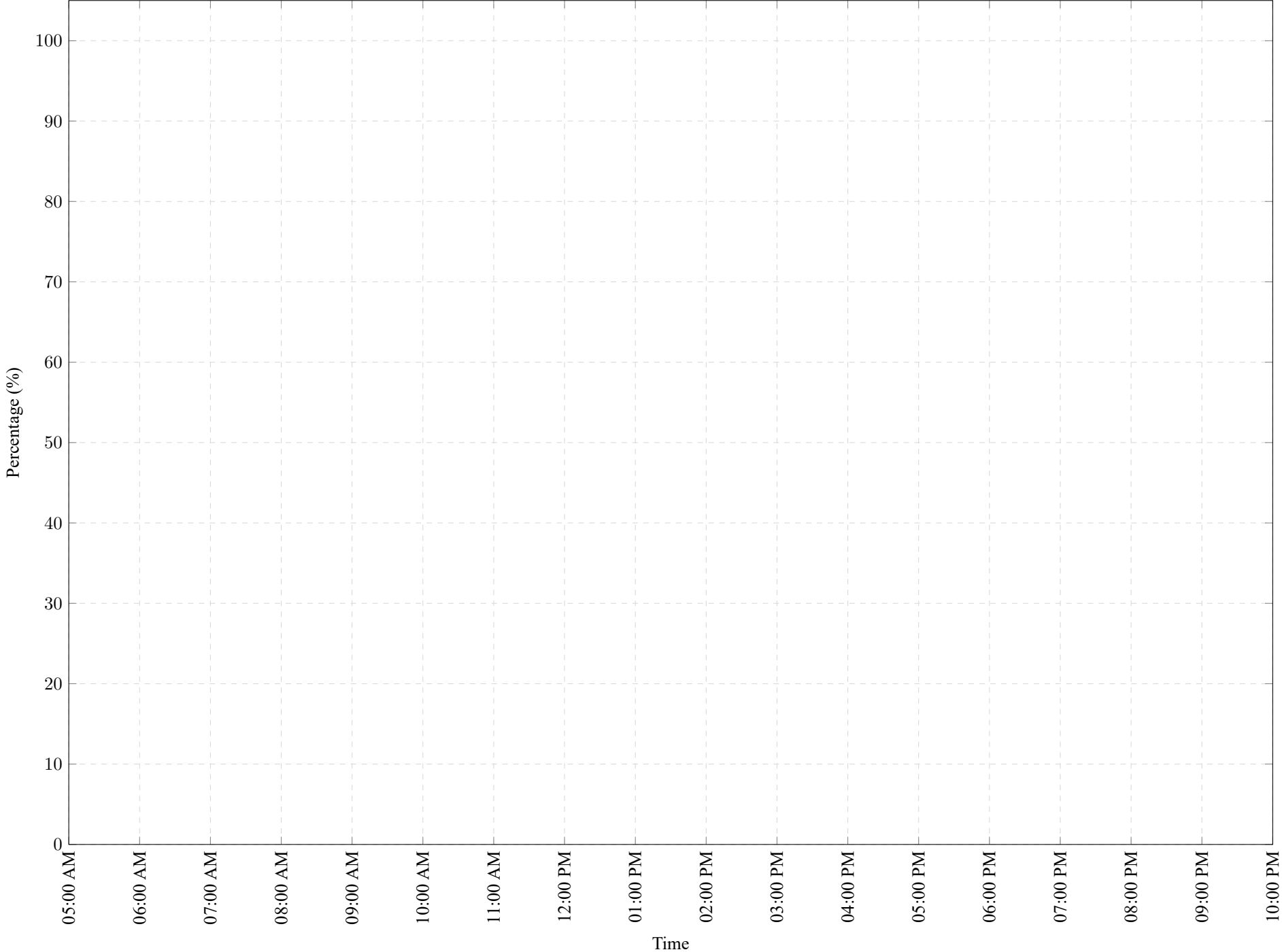


Table 7: Proportion of each day's fishing by hour.

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

Table 8: Daily Fishing Conditions.

Date	Day Type
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
08 Apr 2022	Midweek
09 Apr 2022	Weekend
10 Apr 2022	Weekend
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13 Apr 2022	Midweek
14 Apr 2022	Midweek
15 Apr 2022	Weekend
16 Apr 2022	Weekend
17 Apr 2022	Weekend
18 Apr 2022	Midweek
19 Apr 2022	Midweek
20 Apr 2022	Midweek
21 Apr 2022	Midweek
22 Apr 2022	Midweek
23 Apr 2022	Weekend
24 Apr 2022	Weekend
25 Apr 2022	Midweek
26 Apr 2022	Midweek
27 Apr 2022	Midweek
28 Apr 2022	Midweek
29 Apr 2022	Midweek
30 Apr 2022	Weekend
01 May 2022	Weekend
02 May 2022	Midweek
03 May 2022	Midweek