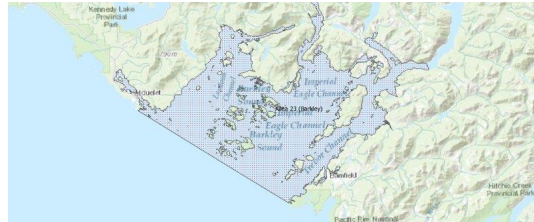


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 23 (Barkley) March 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
26 Feb 2022	Weekend
27 Feb 2022	Weekend
28 Feb 2022	Midweek
01 Mar 2022	Midweek
02 Mar 2022	Midweek
03 Mar 2022	Midweek
04 Mar 2022	Midweek
05 Mar 2022	Weekend
06 Mar 2022	Weekend
07 Mar 2022	Midweek
08 Mar 2022	Midweek
09 Mar 2022	Midweek
10 Mar 2022	Midweek
11 Mar 2022	Midweek
12 Mar 2022	Weekend
13 Mar 2022	Weekend
14 Mar 2022	Midweek
15 Mar 2022	Midweek
16 Mar 2022	Midweek
17 Mar 2022	Midweek
18 Mar 2022	Midweek
19 Mar 2022	Weekend
20 Mar 2022	Weekend
21 Mar 2022	Midweek
22 Mar 2022	Midweek
23 Mar 2022	Midweek
24 Mar 2022	Midweek
25 Mar 2022	Midweek
26 Mar 2022	Weekend
27 Mar 2022	Weekend
28 Mar 2022	Midweek
29 Mar 2022	Midweek
30 Mar 2022	Midweek
31 Mar 2022	Midweek
01 Apr 2022	Midweek
02 Apr 2022	Weekend
03 Apr 2022	Weekend

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
26-Feb-2022	Saturday		0							
27-Feb-2022	Sunday		0							
28-Feb-2022	Monday		0							
01-Mar-2022	Tuesday		0							
02-Mar-2022	Wednesday		0							
03-Mar-2022	Thursday		0							
04-Mar-2022	Friday		1	2						
05-Mar-2022	Saturday		1	2						
06-Mar-2022	Sunday		2							
07-Mar-2022	Monday		0							
08-Mar-2022	Tuesday		0							
09-Mar-2022	Wednesday		0							
10-Mar-2022	Thursday		0							
11-Mar-2022	Friday		0							
12-Mar-2022	Saturday		0							
13-Mar-2022	Sunday		0							
14-Mar-2022	Monday		0							
15-Mar-2022	Tuesday		0							
16-Mar-2022	Wednesday		0							
17-Mar-2022	Thursday		0							
18-Mar-2022	Friday		0							
19-Mar-2022	Saturday		0							
20-Mar-2022	Sunday		0							
21-Mar-2022	Monday		0							
22-Mar-2022	Tuesday		0							
23-Mar-2022	Wednesday		0							
24-Mar-2022	Thursday		0							
25-Mar-2022	Friday		0							
26-Mar-2022	Saturday		0							
27-Mar-2022	Sunday		0							
28-Mar-2022	Monday		0							
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							
	Totals		1	2				*		*
	Totals		3	2				*		*

* 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		8		0.667							
Midweek		23		2							

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		%		106	49%	33%	35

Table 6: Guided Proprtions Review.

Data Source	Interviews / Angler Days	Guided Proportion
iRec Anglers	591	0%

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

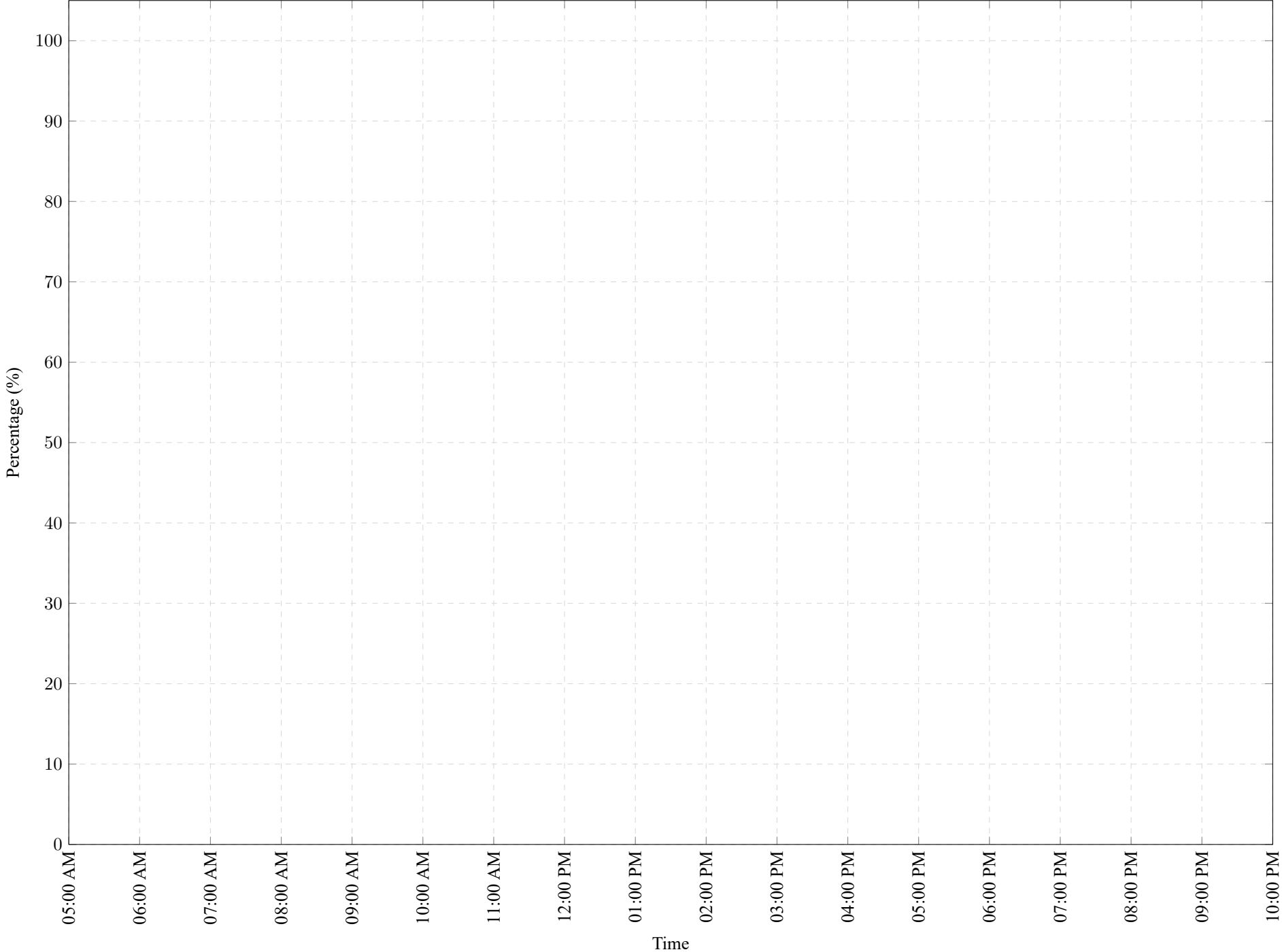


Table 7: Proportion of each day's fishing by hour.

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
26 Feb 2022	Weekend
27 Feb 2022	Weekend
28 Feb 2022	Midweek
01 Mar 2022	Midweek
02 Mar 2022	Midweek
03 Mar 2022	Midweek
04 Mar 2022	Midweek
05 Mar 2022	Weekend
06 Mar 2022	Weekend
07 Mar 2022	Midweek
08 Mar 2022	Midweek
09 Mar 2022	Midweek
10 Mar 2022	Midweek
11 Mar 2022	Midweek
12 Mar 2022	Weekend
13 Mar 2022	Weekend
14 Mar 2022	Midweek
15 Mar 2022	Midweek
16 Mar 2022	Midweek
17 Mar 2022	Midweek
18 Mar 2022	Midweek
19 Mar 2022	Weekend
20 Mar 2022	Weekend
21 Mar 2022	Midweek
22 Mar 2022	Midweek
23 Mar 2022	Midweek
24 Mar 2022	Midweek
25 Mar 2022	Midweek
26 Mar 2022	Weekend
27 Mar 2022	Weekend
28 Mar 2022	Midweek
29 Mar 2022	Midweek
30 Mar 2022	Midweek
31 Mar 2022	Midweek
01 Apr 2022	Midweek
02 Apr 2022	Weekend
03 Apr 2022	Weekend