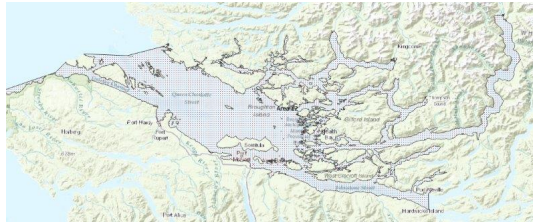


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 12 September 2020



Prepared By:
South Coast Salmon Stock Assessment Section

Friday 16th October, 2020



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 | Bear Cove | Port McNeill Ramp | Quarter- deck Marina | Telegraph Cove |
|-------------|----------|--------------|-------------------------|----------------------------|-------------------|
| | | AM | AM | PM | PM |
| 29 Aug 2020 | Weekend | | 20 | | |
| 30 Aug 2020 | Weekend | | | 7 | 8 |
| 31 Aug 2020 | Midweek | 7 | | | |
| 01 Sep 2020 | Midweek | | | | |
| 02 Sep 2020 | Midweek | | | | |
| 03 Sep 2020 | Midweek | | | | |
| 04 Sep 2020 | Midweek | | | | |
| 05 Sep 2020 | Weekend | | | | |
| 06 Sep 2020 | Weekend | | | | |
| 07 Sep 2020 | Weekend | | | | |
| 08 Sep 2020 | Midweek | | | | |
| 09 Sep 2020 | Midweek | | | | |
| 10 Sep 2020 | Midweek | | | | |
| 11 Sep 2020 | Midweek | | | | |
| 12 Sep 2020 | Weekend | | | | |
| 13 Sep 2020 | Weekend | | | | |
| 14 Sep 2020 | Midweek | | | | |
| 15 Sep 2020 | Midweek | | | | |
| 16 Sep 2020 | Midweek | | | | |
| 17 Sep 2020 | Midweek | | | | |
| 18 Sep 2020 | Midweek | | | | |
| 19 Sep 2020 | Weekend | | | | |
| 20 Sep 2020 | Weekend | | | | |
| 21 Sep 2020 | Midweek | | | | |
| 22 Sep 2020 | Midweek | | | | |
| 23 Sep 2020 | Midweek | | | | |
| 24 Sep 2020 | Midweek | | | | |
| 25 Sep 2020 | Midweek | | | | |
| 26 Sep 2020 | Weekend | | | | |
| 27 Sep 2020 | Weekend | | | | |
| 28 Sep 2020 | Midweek | | | | |
| 29 Sep 2020 | Midweek | | | | |
| 30 Sep 2020 | Midweek | | | | |
| 01 Oct 2020 | Midweek | | | | |
| 02 Oct 2020 | Midweek | | | | |
| 03 Oct 2020 | 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 |
|-------------|---------------------|----------------------------|------------------------|---------|------|---------|---------|------------------|-------------|------------------|
| 29-Aug-2020 | Saturday | calm/rippled | 20 | 5 | 3 | | | | | |
| 30-Aug-2020 | Sunday | frequent whitecaps | 15 | 1 | 2 | | 3 | | | |
| 31-Aug-2020 | Monday | calm/rippled | 7 | | 1 | | 6 | | | |
| 01-Sep-2020 | Tuesday | | 0 | | | | | | | |
| 02-Sep-2020 | Wednesday | | 0 | | | | | | | |
| 03-Sep-2020 | Thursday | | 0 | | | | | | | |
| 04-Sep-2020 | Friday | | 0 | | | | | | | |
| 05-Sep-2020 | Saturday | | 0 | | | | | | | |
| 06-Sep-2020 | Sunday | | 0 | | | | | | | |
| 07-Sep-2020 | Monday (Labour Day) | | 0 | | | | | | | |
| 08-Sep-2020 | Tuesday | | 0 | | | | | | | |
| 09-Sep-2020 | Wednesday | | 0 | | | | | | | |
| 10-Sep-2020 | Thursday | | 0 | | | | | | | |
| 11-Sep-2020 | Friday | | 0 | | | | | | | |
| 12-Sep-2020 | Saturday | | 0 | | | | | | | |
| 13-Sep-2020 | Sunday | | 0 | | | | | | | |
| 14-Sep-2020 | Monday | | 0 | | | | | | | |
| 15-Sep-2020 | Tuesday | | 0 | | | | | | | |
| 16-Sep-2020 | Wednesday | | 0 | | | | | | | |
| 17-Sep-2020 | Thursday | | 0 | | | | | | | |
| 18-Sep-2020 | Friday | | 0 | | | | | | | |
| 19-Sep-2020 | Saturday | | 0 | | | | | | | |
| 20-Sep-2020 | Sunday | | 0 | | | | | | | |
| 21-Sep-2020 | Monday | | 0 | | | | | | | |
| 22-Sep-2020 | Tuesday | | 0 | | | | | | | |
| 23-Sep-2020 | Wednesday | | 0 | | | | | | | |
| 24-Sep-2020 | Thursday | | 0 | | | | | | | |
| 25-Sep-2020 | Friday | | 0 | | | | | | | |
| 26-Sep-2020 | Saturday | | 0 | | | | | | | |
| 27-Sep-2020 | Sunday | | 0 | | | | | | | |
| 28-Sep-2020 | Monday | | 0 | | | | | | | |
| 29-Sep-2020 | Tuesday | | 0 | | | | | | | |
| 30-Sep-2020 | Wednesday | | 0 | | | | | | | |
| 01-Oct-2020 | Thursday | | 0 | | | | | | | |
| 02-Oct-2020 | Friday | | 0 | | | | | | | |
| 03-Oct-2020 | Saturday | | 0 | | | | | | | |
| | Totals | | | | | | | * | | * |
| | Totals | | | | | | | * | | * |

* 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 | | 21 | | | | | | | | | |
| Weekend | | 9 | | | | | | | | | |

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

| Year | Month | Total Effort | Chinook Kept | Coho Kept | Sockeye Kept | Halibut Kept |
|----------|-----------|--------------|--------------|-----------|--------------|--------------|
| 2017 | September | 742 | 220 | 80 | | |
| 2018 | September | 1384 | 108 | 311 | 37 | 262 |
| 2019 | September | 764 | 166 | | | |
| 5-Yr Avg | September | 963 | 165 | 196 | 37 | 262 |

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 |
|---------|--------------------|-----------------|-----------------------|-------------------|----------------|----------------------|-----------------------|
|---------|--------------------|-----------------|-----------------------|-------------------|----------------|----------------------|-----------------------|

Table 6: Guided Proprtions Review.

| Data Source | Interviews / Angler Days | Guided Proportion |
|-------------|--------------------------|-------------------|
|-------------|--------------------------|-------------------|

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

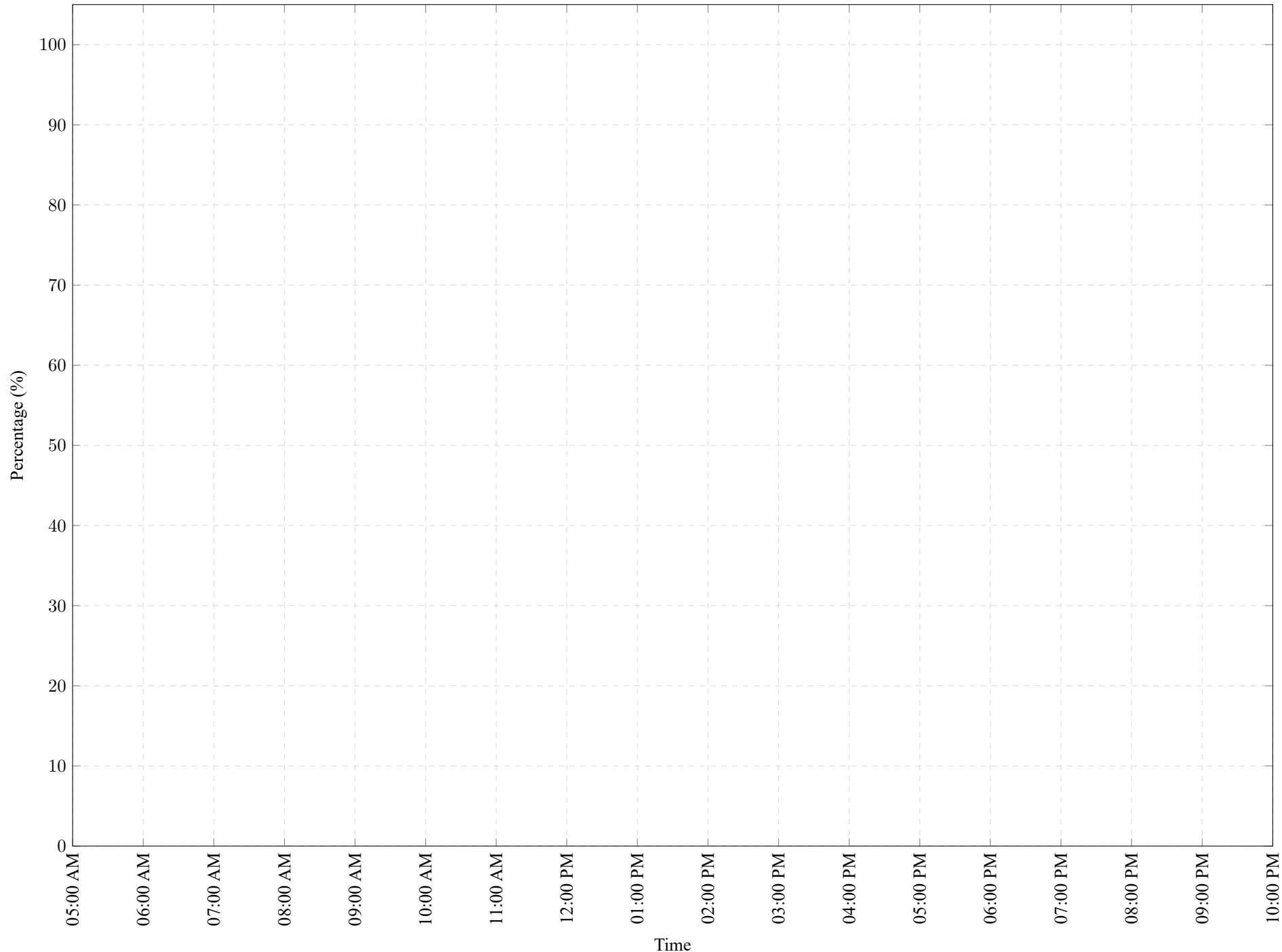


Table 7: Proportion of each day's fishing by hour.

| 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 | Bear Cove | Port McNeill Ramp | Quarterdeck Marina | Telegraph Cove |
|-------------|----------|--------------|----------------------|-----------------------|-----------------------|
| 29 Aug 2020 | Weekend | | calm/rippled | | |
| 30 Aug 2020 | Weekend | | | frequent whitecaps | frequent whitecaps |
| 31 Aug 2020 | Midweek | calm/rippled | | | |
| 01 Sep 2020 | Midweek | | | | |
| 02 Sep 2020 | Midweek | | | | |
| 03 Sep 2020 | Midweek | | | | |
| 04 Sep 2020 | Midweek | | | | |
| 05 Sep 2020 | Weekend | | | | |
| 06 Sep 2020 | Weekend | | | | |
| 07 Sep 2020 | Weekend | | | | |
| 08 Sep 2020 | Midweek | | | | |
| 09 Sep 2020 | Midweek | | | | |
| 10 Sep 2020 | Midweek | | | | |
| 11 Sep 2020 | Midweek | | | | |
| 12 Sep 2020 | Weekend | | | | |
| 13 Sep 2020 | Weekend | | | | |
| 14 Sep 2020 | Midweek | | | | |
| 15 Sep 2020 | Midweek | | | | |
| 16 Sep 2020 | Midweek | | | | |
| 17 Sep 2020 | Midweek | | | | |
| 18 Sep 2020 | Midweek | | | | |
| 19 Sep 2020 | Weekend | | | | |
| 20 Sep 2020 | Weekend | | | | |
| 21 Sep 2020 | Midweek | | | | |
| 22 Sep 2020 | Midweek | | | | |
| 23 Sep 2020 | Midweek | | | | |
| 24 Sep 2020 | Midweek | | | | |
| 25 Sep 2020 | Midweek | | | | |
| 26 Sep 2020 | Weekend | | | | |
| 27 Sep 2020 | Weekend | | | | |
| 28 Sep 2020 | Midweek | | | | |
| 29 Sep 2020 | Midweek | | | | |
| 30 Sep 2020 | Midweek | | | | |
| 01 Oct 2020 | Midweek | | | | |
| 02 Oct 2020 | Midweek | | | | |
| 03 Oct 2020 | Weekend | | | | |