

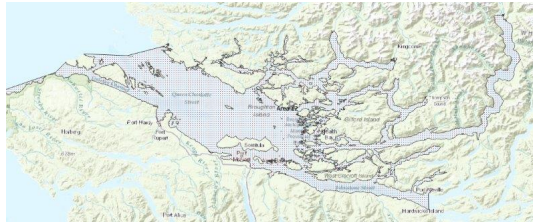
# FISHERIES AND OCEANS CANADA

## SOUTH COAST ASSESSMENT BULLETIN

### CREEL SURVEY DATA REVIEW PACKAGE

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## Area 12 September 2019



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*Prepared By:*  
South Coast Salmon Stock Assessment Section

Thursday 27<sup>th</sup> August, 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 | Alder Bay<br>Campsite<br>AM | Bear<br>Cove<br>AM | Telegraph<br>Cove<br>PM |
|-------------|----------|-----------------------------|--------------------|-------------------------|
| 29 Aug 2019 | Midweek  | 1                           |                    |                         |
| 30 Aug 2019 | Midweek  |                             | 10                 |                         |
| 31 Aug 2019 | Weekend  |                             | 12                 | 15                      |
| 01 Sep 2019 | Weekend  |                             |                    |                         |
| 02 Sep 2019 | Weekend  |                             |                    |                         |
| 03 Sep 2019 | Midweek  |                             |                    |                         |
| 04 Sep 2019 | Midweek  |                             |                    |                         |
| 05 Sep 2019 | Midweek  |                             |                    |                         |
| 06 Sep 2019 | Midweek  |                             |                    |                         |
| 07 Sep 2019 | Weekend  |                             |                    |                         |
| 08 Sep 2019 | Weekend  |                             |                    |                         |
| 09 Sep 2019 | Midweek  |                             |                    |                         |
| 10 Sep 2019 | Midweek  |                             |                    |                         |
| 11 Sep 2019 | Midweek  |                             |                    |                         |
| 12 Sep 2019 | Midweek  |                             |                    |                         |
| 13 Sep 2019 | Midweek  |                             |                    |                         |
| 14 Sep 2019 | Weekend  |                             |                    |                         |
| 15 Sep 2019 | Weekend  |                             |                    |                         |
| 16 Sep 2019 | Midweek  |                             |                    |                         |
| 17 Sep 2019 | Midweek  |                             |                    |                         |
| 18 Sep 2019 | Midweek  |                             |                    |                         |
| 19 Sep 2019 | Midweek  |                             |                    |                         |
| 20 Sep 2019 | Midweek  |                             |                    |                         |
| 21 Sep 2019 | Weekend  |                             |                    |                         |
| 22 Sep 2019 | Weekend  |                             |                    |                         |
| 23 Sep 2019 | Midweek  |                             |                    |                         |
| 24 Sep 2019 | Midweek  |                             |                    |                         |
| 25 Sep 2019 | Midweek  |                             |                    |                         |
| 26 Sep 2019 | Midweek  |                             |                    |                         |
| 27 Sep 2019 | Midweek  |                             |                    |                         |
| 28 Sep 2019 | Weekend  |                             |                    |                         |
| 29 Sep 2019 | Weekend  |                             |                    |                         |
| 30 Sep 2019 | Midweek  |                             |                    |                         |
| 01 Oct 2019 | Midweek  |                             |                    |                         |
| 02 Oct 2019 | Midweek  |                             |                    |                         |
| 03 Oct 2019 | 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-Aug-2019 | Thursday            | calm/rippled               | 1                      |         |      |         |         |                  |             |                  |
| 30-Aug-2019 | Friday              | calm/rippled               | 10                     | 5       | 1    |         |         | 0                | 1130        |                  |
| 31-Aug-2019 | Saturday            | choppy                     | 27                     | 11      | 8    |         |         |                  |             |                  |
| 01-Sep-2019 | Sunday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 02-Sep-2019 | Monday (Labour Day) |                            | 0                      |         |      |         |         |                  |             |                  |
| 03-Sep-2019 | Tuesday             |                            | 0                      |         |      |         |         |                  |             |                  |
| 04-Sep-2019 | Wednesday           |                            | 0                      |         |      |         |         |                  |             |                  |
| 05-Sep-2019 | Thursday            |                            | 0                      |         |      |         |         |                  |             |                  |
| 06-Sep-2019 | Friday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 07-Sep-2019 | Saturday            |                            | 1                      | 1       |      |         |         |                  |             |                  |
| 08-Sep-2019 | Sunday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 09-Sep-2019 | Monday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 10-Sep-2019 | Tuesday             |                            | 0                      |         |      |         |         |                  |             |                  |
| 11-Sep-2019 | Wednesday           |                            | 0                      |         |      |         |         |                  |             |                  |
| 12-Sep-2019 | Thursday            |                            | 0                      |         |      |         |         |                  |             |                  |
| 13-Sep-2019 | Friday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 14-Sep-2019 | Saturday            |                            | 0                      |         |      |         |         |                  |             |                  |
| 15-Sep-2019 | Sunday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 16-Sep-2019 | Monday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 17-Sep-2019 | Tuesday             |                            | 0                      |         |      |         |         |                  |             |                  |
| 18-Sep-2019 | Wednesday           |                            | 0                      |         |      |         |         |                  |             |                  |
| 19-Sep-2019 | Thursday            |                            | 0                      |         |      |         |         |                  |             |                  |
| 20-Sep-2019 | Friday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 21-Sep-2019 | Saturday            |                            | 0                      |         |      |         |         |                  |             |                  |
| 22-Sep-2019 | Sunday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 23-Sep-2019 | Monday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 24-Sep-2019 | Tuesday             |                            | 0                      |         |      |         |         |                  |             |                  |
| 25-Sep-2019 | Wednesday           |                            | 0                      |         |      |         |         |                  |             |                  |
| 26-Sep-2019 | Thursday            |                            | 0                      |         |      |         |         |                  |             |                  |
| 27-Sep-2019 | Friday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 28-Sep-2019 | Saturday            |                            | 0                      |         |      |         |         |                  |             |                  |
| 29-Sep-2019 | Sunday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 30-Sep-2019 | Monday              |                            | 0                      |         |      |         |         |                  |             |                  |
| 01-Oct-2019 | Tuesday             |                            | 0                      |         |      |         |         |                  |             |                  |
| 02-Oct-2019 | Wednesday           |                            | 0                      |         |      |         |         |                  |             |                  |
| 03-Oct-2019 | Thursday            |                            | 0                      |         |      |         |         |                  |             |                  |
|             | Totals              |                            |                        |         |      |         |         | *                |             | *                |
|             | Totals              |                            | 1                      | 1       |      |         |         | *                |             | *                |

\* 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  |                        | 20             |                        |         |      |         |         |          |      |         |         |
| Weekend  |                        | 10             |                        | 1       |      |         |         |          |      |         |         |

**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 | 1063         | 164          | 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 |
|---------|--------------------|-----------------|-----------------------|-------------------|----------------|----------------------|-----------------------|
| Coho    |                    | %               |                       | 138               | 100%           | 2%                   | 3                     |
| Chinook | 0                  | 0%              |                       | 0                 | 0%             |                      | 10                    |

**Table 6: Guided Proprtions Review.**

| Data Source    | Interviews / Angler Days | Guided Proportion |
|----------------|--------------------------|-------------------|
| iRec Anglers   | 1819                     | 0%                |
| iRec Responses | 33                       | 6%                |

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

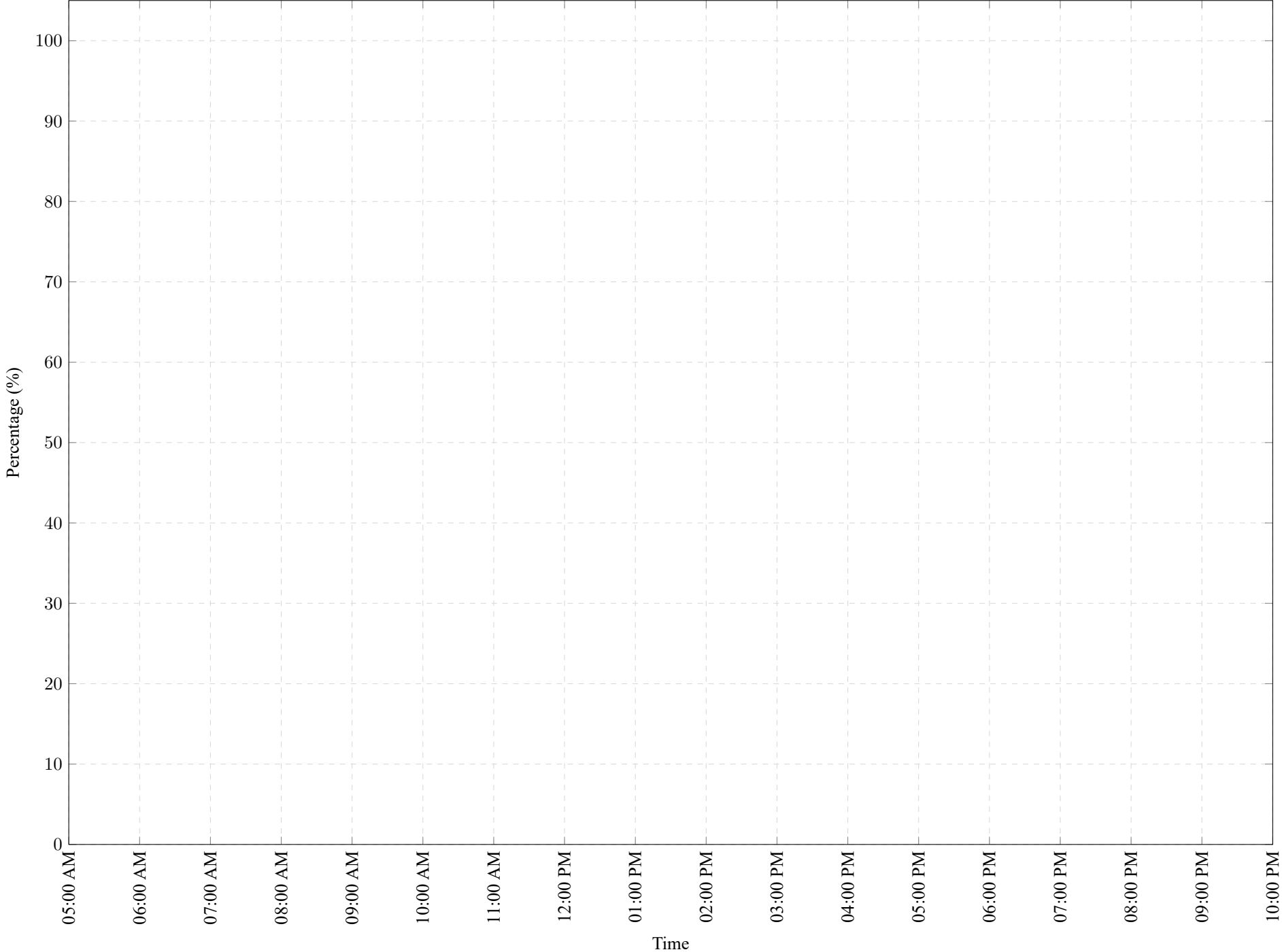


Table 7: Proportion of each day's fishing by hour.

| 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 | Alder Bay<br>Campsite | Bear Cove    | Telegraph<br>Cove |
|-------------|----------|-----------------------|--------------|-------------------|
| 29 Aug 2019 | Midweek  | calm/rippled          |              |                   |
| 30 Aug 2019 | Midweek  |                       | calm/rippled |                   |
| 31 Aug 2019 | Weekend  |                       | choppy       | calm/rippled      |
| 01 Sep 2019 | Weekend  |                       |              |                   |
| 02 Sep 2019 | Weekend  |                       |              |                   |
| 03 Sep 2019 | Midweek  |                       |              |                   |
| 04 Sep 2019 | Midweek  |                       |              |                   |
| 05 Sep 2019 | Midweek  |                       |              |                   |
| 06 Sep 2019 | Midweek  |                       |              |                   |
| 07 Sep 2019 | Weekend  |                       |              |                   |
| 08 Sep 2019 | Weekend  |                       |              |                   |
| 09 Sep 2019 | Midweek  |                       |              |                   |
| 10 Sep 2019 | Midweek  |                       |              |                   |
| 11 Sep 2019 | Midweek  |                       |              |                   |
| 12 Sep 2019 | Midweek  |                       |              |                   |
| 13 Sep 2019 | Midweek  |                       |              |                   |
| 14 Sep 2019 | Weekend  |                       |              |                   |
| 15 Sep 2019 | Weekend  |                       |              |                   |
| 16 Sep 2019 | Midweek  |                       |              |                   |
| 17 Sep 2019 | Midweek  |                       |              |                   |
| 18 Sep 2019 | Midweek  |                       |              |                   |
| 19 Sep 2019 | Midweek  |                       |              |                   |
| 20 Sep 2019 | Midweek  |                       |              |                   |
| 21 Sep 2019 | Weekend  |                       |              |                   |
| 22 Sep 2019 | Weekend  |                       |              |                   |
| 23 Sep 2019 | Midweek  |                       |              |                   |
| 24 Sep 2019 | Midweek  |                       |              |                   |
| 25 Sep 2019 | Midweek  |                       |              |                   |
| 26 Sep 2019 | Midweek  |                       |              |                   |
| 27 Sep 2019 | Midweek  |                       |              |                   |
| 28 Sep 2019 | Weekend  |                       |              |                   |
| 29 Sep 2019 | Weekend  |                       |              |                   |
| 30 Sep 2019 | Midweek  |                       |              |                   |
| 01 Oct 2019 | Midweek  |                       |              |                   |
| 02 Oct 2019 | Midweek  |                       |              |                   |
| 03 Oct 2019 | Midweek  |                       |              |                   |