

FISHERIES AND OCEANS CANADA

# SOUTH COAST ASSESSMENT BULLETIN

## CREEL SURVEY DATA REVIEW PACKAGE

# Area 123 April 2022

*Prepared By:*

## South Coast Salmon Stock Assessment Section

Thursday 19<sup>th</sup> 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<br>Fishing<br>Conditions | Interviews &<br>Log Trips | Chinook | Coho | Sockeye | Halibut | Observed<br>Fishing | Flight<br>Time | Expanded<br>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                  |                                  | 0                         |         |      |         |         |                     |                |                     |
| 09-Apr-2022 | Saturday                |                                  | 0                         |         |      |         |         |                     |                |                     |
| 10-Apr-2022 | Sunday                  |                                  | 2                         |         |      |         |         |                     |                |                     |
| 11-Apr-2022 | Monday                  |                                  | 0                         |         |      |         |         |                     |                |                     |
| 12-Apr-2022 | Tuesday                 |                                  | 0                         |         |      |         |         |                     |                |                     |
| 13-Apr-2022 | Wednesday               |                                  | 0                         |         |      |         |         |                     |                |                     |
| 14-Apr-2022 | Thursday                |                                  | 0                         |         |      |         |         |                     |                |                     |
| 15-Apr-2022 | Friday (Good<br>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                  |                                  |                           |         |      |         |         | *                   |                | *                   |
|             | Totals                  |                                  | 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  |                        | 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 |
|------|-------|--------------|--------------|-----------|--------------|--------------|
|------|-------|--------------|--------------|-----------|--------------|--------------|

**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 |                    | %               |                       | 24                | 55%            | 13%                  | 3                     |

**Table 6: Guided Proprtions Review.**

| Data Source  | Interviews / Angler Days | Guided Proportion |
|--------------|--------------------------|-------------------|
| iRec Anglers | 105                      | 29%               |

*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  |
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