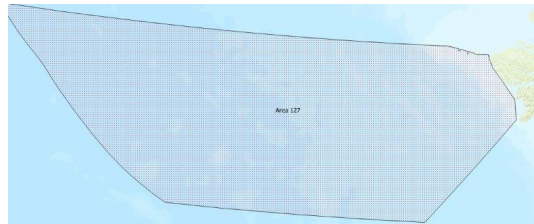


FISHERIES AND OCEANS CANADA

SOUTH COAST ASSESSMENT BULLETIN

CREEL SURVEY DATA REVIEW PACKAGE

Area 127 September 2019



Prepared By:
South Coast Salmon Stock Assessment Section

Thursday 27th 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 | Winter Harbour Ramp | |
|-------------|----------|---------------------|----|
| | | AM | PM |
| 29 Aug 2019 | Midweek | | |
| 30 Aug 2019 | Midweek | | 4 |
| 31 Aug 2019 | Weekend | 1 | |
| 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 | | 0 | | | | | | | |
| 30-Aug-2019 | Friday | choppy | 4 | 2 | | | | | | |
| 31-Aug-2019 | Saturday | calm/rippled | 1 | | | | 2 | 4 | 0950 | |
| 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 | | 0 | | | | | | | |
| 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 | | | | | | | * | | * |

* 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 | | | | | | | | | |

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

| Year | Month | Total Effort | Chinook Kept | Coho Kept | Sockeye Kept | Halibut Kept |
|----------|-----------|--------------|--------------|-----------|--------------|--------------|
| 2017 | September | 17 | | 29 | | |
| 2018 | September | 70 | | 8 | | 16 |
| 2019 | September | 64 | | 8 | | 12 |
| 5-Yr Avg | September | 44 | | 19 | | 16 |

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 | | % | | | % | | 1 |

Table 6: Guided Proprtions Review.

| Data Source | Interviews / Angler Days | Guided Proportion |
|----------------|--------------------------|-------------------|
| iRec Anglers | 177 | 57% |
| iRec Responses | 6 | 67% |

The image shows a blank coordinate grid for plotting data. The vertical axis is labeled "Percentage (%)" and ranges from 0 to 100 in increments of 10. The horizontal axis is labeled "Time" and shows hourly intervals from 05:00 AM to 10:00 PM. The grid consists of dashed horizontal and vertical lines.

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 | Winter Harbour Ramp |
|-------------|----------|---------------------------|
| 29 Aug 2019 | Midweek | |
| 30 Aug 2019 | Midweek | choppy |
| 31 Aug 2019 | Weekend | 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 | |