

DISTRICT 106 AND 108 DRIFT GILL NET MONITORING, 1987

By

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ABSTRACT

To assist in managing the District 106 and 108 drift gill net fisheries, onground vessel interviews were conducted in 1987. Vessels were randomly selected from 20 to 50 percent of the fleet and specific areas were sampled each week. Total catch projections and catch-per-unit-effort projections were comparable to the final catch. By being at the fishery, the management biologist can better regulate the fishery.

INTRODUCTION

The Prince of Wales (District 106) and Stikine (District 108) drift gillnet fisheries are interrelated due to their close proximity and salmon migration patterns which result in major stocks being subjected to both fisheries. The Alaska Department of Fish and Game (ADF&G) has conducted inseason catch sampling in these fisheries since the mid 1960's. The yearly and weekly sampling was sporadic until the early 1980's when increased emphasis was placed on obtaining weekly inseason catch trends for managing the fishery. Starting in 1985 unmanned vessels were used to assist with the sampling. Since that time, the weekly surveys have been conducted on a regular basis.

The weekly monitoring information is used by the Commercial Fisheries Division management staff to help assess the inseason run strengths of the various salmon stocks that are harvested in both districts. The management of these fisheries is based primarily on sockeye salmon early, pink salmon in the middle, and coho salmon at the end of the season. Onground vessel interviews are conducted to obtain catch-per-unit-effort (CPUE), catch trends, fleet dispersement, number of boats fishing, weather and other factors that might influence the daily catches. The individual catch information and area is kept confidential.

METHODS

District 108, which is closer to Petersburg and Wrangell was monitored by skiff while in District 106 a skiff was used with a floathouse serving as the base of operations. To assist with the monitoring, aerial surveys of the fishery were occasionally flown to record vessel names and number of vessels fishing in various sections of the fishery.

To assure randomness in the vessels surveyed, a fisheries technician not familiar with the vessels would operate the skiff and decide on what vessels to contact, while the management biologist would conduct the interview and record the catch data. Vessels running or working gear were generally not interviewed to avoid conflicting with the fishermen's fishing time. Depending upon the number of vessels fishing an area, the percentage of the fleet surveyed would range from 20 to 50 percent. The area sampled each week would vary depending upon the area open and the target species. The number of daily interviews per week was dependent upon the duration of the weekly fishing period. The weekly gillnet season opened at 12:01 p.m. on Sunday. During the first day of the fishery individual vessel interviews were not conducted but occasionally area surveys were made to count the number of boats starting in certain areas. Vessel interviews were conducted throughout the daylight hours after the fishery had been opened at least 18 hours.

From the data collected during the fishery, catches of key salmon species were averaged and a projected CPUE and estimated total catch was made. These

projections were compared to historical catch data to gauge the weekly catch performance of the fishery. Fishing effort and time were also used in the comparison. These projections were then updated using the initial fish tickets received following the fishery. This projection was used by the Juneau regional office to distribute to the other ADF&G offices (Table 1).

RESULTS

Ongrounds monitoring was accomplished from mid June through mid August during open fishing periods. Onground projections, mid week projections and final catches for both districts were very comparable (Tables 2 and 3). By having this data early in the week, it proved to be beneficial for managing the fisheries and setting the weekly openings.

DISCUSSION

The Prince of Wales and Stikine drift gillnet fisheries monitoring program has proven beneficial not only for providing inseason catch estimation, but it has also helped with determining the following week's fishing times and areas. Both fisheries are managed on CPUE and total catch information. By monitoring the fishery on the grounds, not only can the catch information be obtained, but fishing trends, fleet movement within the week, the percent at which the daily catches are decreasing or increasing within each week, and a better knowledge of the fishery can be obtained by the management biologist.

Having the management biologist on the fishery can also benefit the fishing fleet in that if additional fishing time is warranted during the week, an extension can be given. This has caused conflicts in the past as individual catch estimates have been overestimated by the fishermen to ensure an extension. Questionable catches are recorded and compared later with the fish ticket to verify the catch estimate. In addition to the benefits of better management the program provides, it also helps the Department's public relations with the fishermen by being on the fishing grounds.

Table 1. 1987 gillnet projections reported to the Douglas regional office.

| Date | Area | Chinook | Sockeye | Coho | Pink | Chum | # Boats |
|---------|------|---------|---------|------|-------|------|---------|
| 6/25/87 | 6 | 163 | 4598 | 283 | 524 | 400 | 88 |
| Week 26 | 8 | 26 | 119 | 5 | 4 | 2 | 5 |
| 7/02/87 | 6 | 139 | 9309 | 848 | 6733 | 865 | 97 |
| Week 27 | 8 | 13 | 211 | 3 | 52 | 41 | 4 |
| 7/09/87 | 6 | 105 | 17957 | 2157 | 22862 | 1708 | 95 |
| Week 28 | 8 | 93 | 728 | 6 | 347 | 39 | 9 |
| 7/16/87 | 6 | 42 | 17823 | 2445 | 28511 | 3186 | 105 |
| Week 29 | 8 | 6 | 423 | 4 | 2889 | 603 | 5 |
| 7/23/87 | 6 | 34 | 19422 | 3019 | 28308 | 4488 | 72 |
| Week 30 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 7/30/87 | 6 | 29 | 16000 | 3500 | 31000 | 4100 | 75 |
| Week 31 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8/06/87 | 6 | 50 | 17000 | 4000 | 54000 | 5000 | 100 |
| Week 32 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8/13/87 | 6 | 101 | 5002 | 2490 | 23815 | 3576 | 76 |
| Week 33 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8/20/87 | 6 | 0 | 0 | 0 | 0 | 0 | 0 |
| Week 34 | 8 | 0 | 0 | 0 | 0 | 0 | 0 |
| 8/27/87 | 6 | 3 | 229 | 3084 | 2384 | 1824 | 42 |
| Week 35 | 8 | 0 | 2 | 49 | 2 | 18 | 1 |
| 9/03/87 | 6 | 7 | 70 | 1823 | 1087 | 1180 | 26 |
| Week 36 | 8 | 1 | 0 | 166 | 0 | 14 | 3 |
| 9/10/87 | 6 | 12 | 4 | 1466 | 110 | 2306 | 18 |
| Week 37 | 8 | 3 | 1 | 239 | 0 | 11 | 4 |
| 9/17/87 | 6 | 30 | 9 | 2524 | 26 | 2967 | 31 |
| Week 38 | 8 | 1 | 0 | 489 | 1 | 199 | 9 |

Table 2. 1987 weekly target species projections for District 106.

| STAT WEEK | | ON GROUNDS | MID-WEEK | FINAL |
|-----------|------------------------|---------------|-----------|-----------|
| 26 | CPUE | 25-30 S/B/D | 26 S/B/D | 27 S/B/D |
| | CATCH | - | 4598 S | 5149 S |
| | BOATS | 51 Sumner St. | 88 | 94 |
| 27 | CPUE | 55 S/B/D | 48 S/B/D | 49 S/B/D |
| | CATCH | - | 9309 S | 10432 S |
| | BOATS | 62 Sumner St. | 97 | 106 |
| 28 | CPUE | 115-120 S/B/D | 94 S/B/D | 99 S/B/D |
| | CATCH | - | 17957 S | 20745 S |
| | BOATS | 70 Sumner St. | 9 | 105 |
| 29 | CPUE | 75 S/B/D | 85 S/B/D | 71 S/B/D |
| | CATCH | - | 17823 S | 22286 S |
| | BOATS | 75 Sumner St. | 105 | 157 |
| 30 | CPUE | 125-150 S/B/D | 135 S/B/D | 145 S/B/D |
| | CATCH | - | 19422 S | 24671 S |
| | BOATS | 40 Sumner St. | 72 | 85 |
| 31 | CPUE | 105-110 S/B/D | 107 S/B/D | 120 S/B/D |
| | CATCH | - | 16000 S | 22998 S |
| | BOATS | 43 Sumner St. | 75 | 96 |
| 32 | CPUE | 80-90 S/B/D | 85 S/B/D | 105 S/B/D |
| | CATCH | - | 17000 S | 23028 S |
| | CPUE | 280-300 P/B/D | 270 P/B/D | 295 P/B/D |
| | CATCH | - | 54000 P | 64996 P |
| | BOATS | 48 Sumner St. | 100 | 110 |
| | | | | |
| 33 | CPUE | 50 S/B/D | 66 S/B/D | 75 S/B/D |
| | CATCH | - | 5002 S | 6760 S |
| | CPUE | 220 P/B/D | 313 P/B/D | 329 P/B/D |
| | CATCH | - | 23815 P | 29580 P |
| | BOATS | 77 District 6 | 76 | 90 |
| 34 | CPUE CATCH BOATS | CLOSED | | |

Table 2. 1987 weekly target species projections for District 106
(Continued).

| STAT WEEK | | ON GROUNDS | MID-WEEK | FINAL |
|-----------|-------|--------------|----------|----------|
| 35 | CPUE | 60 C/B/D | 73 C/B/D | 72 C/B/D |
| | CATCH | - | 3084 C | 3406 C |
| | BOATS | 12 Marsh Is. | 42 | 47 |
| 36 | CPUE | 75 C/B/D | 70 C/B/D | 77 C/B/D |
| | CATCH | - | 1823 C | 2624 C |
| | BOATS | 4 Macnamara | 26 | 34 |
| 37 | CPUE | - | 81 C/B/D | 81 C/B/D |
| | CATCH | - | 1466 C | 2188 C |
| | BOATS | - | 18 | 27 |
| 38 | CPUE | - | 38 C/B/D | 41 C/B/D |
| | CATCH | - | 1686 C | 2524 C |
| | BOATS | - | 22 | 31 |

CPUE is major species catch per boat per day.
 S/B/D = Sockeye per boat per day.
 P/B/D = Pink per boat per day.
 C/B/D = Coho per boat per day.

Table 3. 1987 weekly target species projections for District 108.

| STAT WEEK | | ON GROUNDS | MID-WEEK | FINAL |
|-----------|-------|------------|----------|-----------|
| 25 | CPUE | 0 | 2 K/B/D | 1.9 K/B/D |
| | CATCH | 0 | 19 K | 17 K |
| | BOATS | 4 | 5 | 5 |
| 26 | CUPE | 0 | 12 S/B/D | 13 S/B/D |
| | CATCH | 0 | 119 S | 189 S |
| | BOATS | 4 | 5 | 7 |
| 27 | CPUE | - | 26 S/B/D | 24 S/B/D |
| | CATCH | - | 211 S | 245 S |
| | BOATS | - | 4 | 5 |
| 28 | CPUE | 50 S | 40 S/B/D | 38 S/B/D |
| | CATCH | - | 728 S | 759 S |
| | BOATS | 4 | 9 | 10 |
| 29 | CPUE | - | 42 S/B/D | 42 S/B/D |
| | CATCH | - | 423 S | 423 S |
| | BOATS | - | 5 | 5 |
| 30 | CPUE | - | 0 | 0 |
| | CATCH | - | 0 | 0 |
| | BOATS | - | 0 | 0 |
| 31 | CPUE | CLOSED | | |
| | CATCH | | | |
| | BOATS | | | |
| 32 | CPUE | CLOSED | | |
| | CATCH | | | |
| | BOATS | | | |
| 33 | CPUE | CLOSED | | |
| | CATCH | | | |
| | BOATS | | | |
| 34 | CPUE | CLOSED | | |
| | CATCH | | | |
| | BOATS | | | |

Table 3. 1987 weekly target species projections for District 108
(Continued).

| STAT WEEK | | ON GROUNDS | MID-WEEK | FINAL |
|-----------|-------|------------|----------|----------|
| 35 | CPUE | - | 49 C/B/D | 49 C/B/D |
| | CATCH | - | 49 C | 49 C |
| | BOATS | - | 1 | 1 |
| 36 | CPUE | 35 C/B/D | 55 C/B/D | 54 C/B/D |
| | CATCH | - | 166 C | 218 C |
| | BOATS | 3 | 3 | 4 |
| 37 | CPUE | - | 60 C/B/D | 60 C/B/D |
| | CATCH | - | 239 C | 239 C |
| | BOATS | - | 4 | 4 |
| 38 | CPUE | - | 27 C/B/D | 27 C/B/D |
| | CATCH | - | 489 C | 489 C |
| | BOATS | - | 9 | 9 |

CPUE is major species catch per boat per day.

K/B/D = King per boat per day

S/B/D = Sockeye per boat per day

C/B/D = Coho per boat per day

APPENDICES

Appendix Table 1. Inseason vessel interviews. (p 1 of 13)

STAT WEEK 25

| DATE | BOAT I.D. | BOAT SEEN | AREA | TIME | TARGET SPECIES | OTHER SALMON |
|------|-----------|-----------|----------|-------|----------------|--------------|
| 6/14 | 1 | 4 | Ohmer Ck | 14:00 | 0 King | - |
| | 2 | | Ohmer Ck | 14:00 | 0 King | - |
| | 3 | | Ohmer Ck | 14:00 | 0 King | - |

First fishery in the Ohmer Creek special harvest area for hatchery king salmon. Monitored the fishery on the first day to obtain vessel names of boats starting in the terminal fishery. Fishing real slow and not much interest. From personal contacts on 6/15 of the boats fishing in the area a total of five boats fished and caught a total of 19 king salmon of which 17 were sold.

Appendix Table 1. Inseason vessel interviews. (p 2 of 13)

STAT WEEK 26

| DATE | BOAT I.D. | BOAT SEEN | AREA | TIME | TARGET SPECIES | OTHER SALMON |
|------|-----------|-----------|-----------|---------|----------------|--------------|
| 6/21 | 1 | 2 | Vank Is | 14:30 | 0 Sockeye | First Set |
| | 2 | | Vank Is | 14:30 | 0 Sockeye | First Set |
| | | 0 | Ohmer Ck | 15:00 | King | |
| | 1 | 2 | Baht Hbr | 15:30 | 0 Sockeye | 0 |
| | 2 | | Baht Hbr | 15:30 | 0 Sockeye | 0 |
| | 6/22 | 1 | 1 | Colpoys | 08:00 | Running |
| 1 | | 50 | Pt. Baker | 09:00 | 0 Sockeye | |
| 2 | | | | | 30 Sockeye | |
| 3 | | | | | 3 Sockeye | |
| 4 | | | | | 9 Sockeye | |
| 5 | | | | | 70 Sockeye | |
| 6 | | | | | 12 Sockeye | |
| 7 | | | | | 33 Sockeye | |
| 8 | | | | 10:30 | 26 Sockeye | |

First week of the regular drift gillnet season. Early interviews in District 8 indicated a poor sockeye salmon return. Incidental catch of king salmon in District 8 will also be low due to the lack of effort. The sockeye salmon catches in the Point Baker area for the first full day of fishing will average between 25-30 sockeye/boat. Catches were also reported to be slow and very spotty. Counted 50 boats fishing around Point Baker, no vessels seen at Point Colpoys or Macnamara Point.

Appendix Table 1. Inseason vessel interviews. (p 3 of 13)

STAT WEEK 27

| DATE | BOAT I.D. | BOAT SEEN | AREA | Time | TARGET SPECIES | OTHER SALMON |
|------|-----------|-----------|-----------|-------|----------------|--------------|
| 6/29 | 1 | 2 | Macnamara | 15:30 | 80 Sockeye | |
| | 1 | 60 | Pt. Baker | 16:00 | 35 Sockeye | 40 Pinks |
| | 2 | | | | 70 Sockeye | |
| | 3 | | | | 25 Sockeye | |
| | 4 | | | | 60 Sockeye | |
| | 5 | | | | 50 Sockeye | 50 Pinks |
| | 6 | | | | 50 Sockeye | |
| | 7 | | | | 40 Sockeye | |
| | 8 | | | 17:45 | 70 Sockeye | |

Check the boats in Sumner Strait in the afternoon on 6/29 for an average sockeye salmon catch of 55/boat. Most of the fishermen interviewed felt that the sockeye salmon catch was still spotty and that the pink salmon catch was picking up. Due to poor weather on 6/30 no interviews were conducted in Sumner Strait. The area around Point Colpoys, Macnamara Point and Bushy Island was searched but no vessels were seen. From monitoring the radio, the boats fishing in Clarence Strait were having to anchor up part of the time due to the poor weather. They also indicated that the sockeye salmon catches were spotty and that the pink salmon catches were picking up.

Appendix Table 1. Inseason vessel interviews. (p 4 of 13)

STAT WEEK 28

| DATE | BOAT I.D. | BOAT SEEN | AREA | TIME | TARGET SPECIES | OTHER SALMON |
|------|-----------|-----------|-----------|-------|----------------|--------------|
| 7/5 | | 4 | Vank Is | 14:00 | | |
| 7/6 | 1 | 4 | Station | 09:00 | 60 Sockeye | 6-8 King |
| | 2 | | | | 40 | |
| | 3 | | | | Running | |
| | 4 | | | 09:45 | Running | |
| | 1 | 2 | Macnamara | 10:00 | 65 Sockeye | |
| | 1 | 2 | Colpoys | 19:00 | 100 Sockeye | 200 Pinks |
| | 2 | | | | 125 Sockeye | 250 Pinks |
| | 1 | 60 | Buster | 20:00 | 125 Sockeye | 300 Pinks |
| | 2 | | | | 230 Sockeye | |
| | 3 | | | | 150 Sockeye | 250 Pinks |
| | 4 | | | | 100 Sockeye | 150 Pinks |
| | 5 | | | | 130 Sockeye | 250 Pinks |
| | 6 | | | | 140 Sockeye | 300 Pinks |
| | 7 | | | | 215 Sockeye | 400 Pinks |
| | 8 | | | | 100 Sockeye | 200 Pinks |
| | 9 | | | 22:00 | 317 Sockeye | 600 Pinks |
| 7/7 | 1 | 70 | Pt. Baker | 07:00 | 197 Sockeye | |
| | 2 | | | | 170 Sockeye | 300 Pinks |
| | 3 | | | | 200 Sockeye | |
| | 4 | | | | 300 Sockeye | 500 Pinks |
| | 5 | | | | 230 Sockeye | 400 Pinks |
| | 6 | | | | 175 Sockeye | |
| | 7 | | | | 300 Sockeye | |
| | 8 | | | 09:30 | 350 Sockeye | |

At 9:00 a.m. on 7/6 checked 2 of the 4 boats fishing in District 8 for an average of 50 sockeye/boat. Blowing too hard to survey the boats in either Sumner Strait or Clarence Strait until in the evening. Surveyed 9 boats at Buster Bay for an average of 157 sockeye/boat.

On 7/7 surveyed 8 boats in the Point Baker area for an average of 120 sockeye/boat/day for the week.

Appendix Table 1. Inseason vessel interviews. (p 5 of 13)

STAT WEEK 29

| DATE | BOAT I.D. | BOAT SEEN | AREA | TIME | TARGET SPECIES | OTHER SALMON | |
|------|-----------|-----------|-----------|-------|----------------|--------------|-------------|
| 7/13 | 1 | 75 | Pt. Baker | 12:00 | 85 Sockeye | 106 Pinks | |
| | 2 | | | | 100 Sockeye | | |
| | 3 | | | | 100 Sockeye | | 200 Pinks |
| | 4 | | | | 65 Sockeye | | 100 Pinks |
| | 5 | | | | 165 Sockeye | | |
| | 6 | | | | 80 Sockeye | | |
| | 7 | | | | 75 Sockeye | | |
| | 8 | | | | 65 Sockeye | | |
| | 9 | | | | 50 Sockeye | | |
| | 10 | | | | 160 Sockeye | | |
| | 11 | | | | 95 Sockeye | | |
| | 12 | | | | 100 Sockeye | | |
| | 13 | | | | 30 Sockeye | | |
| | 14 | | | | 200 Sockeye | | |
| | 15 | | | | 40 Sockeye | | |
| | 16 | | | | 129 Sockeye | | 149 Pinks |
| 7/14 | 1 | 30 | Buster | 08:00 | 340 Sockeye | 450 Pinks | |
| | 2 | | | | 130 Sockeye | | |
| | 3 | | | | 340 Sockeye | | 400 Pinks |
| | 4 | | | | 150 Sockeye | | 300 Pinks |
| | 5 | | | | 170 Sockeye | | |
| | 6 | | | | 200 Sockeye | | |
| | 7 | | | | 80 Sockeye | | |
| | 8 | | | | 116 Sockeye | | |
| | 9 | | | | 170 Sockeye | | |
| | 10 | | | | 10:00 | | 175 Sockeye |

On 7/13 sixteen boats were interviewed in Sumner Strait for an average sockeye salmon catch of 97/boat. The best sockeye salmon catches were made during the first two sets and the pink salmon catches are starting to drop off. Fishing conditions are poor and the wind is blowing too hard to survey in Clarence Strait. The 7/14 interviews averaged 187 sockeye/boat for 10 boats with the catches ranging from 80 to 340 sockeye/boat. The average sockeye salmon catch for the week will probably be closer to 150 sockeye salmon which is lower than the reported average due to the steadily decreasing catch rate and the poor weather conditions in Clarence Strait.

Appendix Table 1. Inseason vessel interviews. (p 6 of 13)

STAT WEEK 30

| DATE | BOAT I.D. | BOAT SEEN | AREA | TIME | TARGET SPECIES | OTHER SALMON |
|------|-----------|-------------|-----------------------|-------------|----------------|--------------|
| 7/19 | 0 | 0 | Bushy Is Pt. Baker | 12:00 | | |
| | 1 | 30 | | 18:00 | 100 Sockeye | 100 Pinks |
| | 2 | | | | 100 Sockeye | 200 Pinks |
| | 3 | | | | 110 Sockeye | |
| | 4 | | | | 100 Sockeye | |
| | 5 | | | | 40 Sockeye | 75 Pinks |
| | 6 | | | | 110 Sockeye | 150 Pinks |
| | 7 | | | | 90 Sockeye | |
| | 8 | | | | 135 Sockeye | |
| | 9 | | | | 60 Sockeye | |
| | 10 | | 19:00 | 70 Sockeye | | |
| 7/20 | 0 | 40 | Sumner ST | 08:00 | Aerial | |
| | 0 | 30 | Clarence | 08:30 | Aerial | |
| | 1 | 40 | Pt. Baker | 06:45 | 170 Sockeye | |
| | 2 | | | 150 Sockeye | | |
| | 3 | | | 170 Sockeye | | |
| | 4 | | | 166 Sockeye | | |
| | 5 | | | 100 Sockeye | | |
| | 6 | | | 125 Sockeye | | |
| | 7 | | | 130 Sockeye | | |
| | 8 | | | 137 Sockeye | | |
| | 9 | | | 45 Sockeye | | 150 Pinks |
| | 10 | | | 100 Sockeye | | |
| | 11 | | | 150 Sockeye | | |
| | 12 | | | 40 Sockeye | | |
| | 13 | | | 100 Sockeye | | |
| | 14 | | | 80 Sockeye | | |
| | 15 | | | 130 Sockeye | | |
| | 16 | | | 100 Sockeye | | |
| | 17 | | | 140 Sockeye | | |
| | 18 | | | 170 Sockeye | | |
| | 19 | | | 140 Sockeye | | |
| | 20 | | | 140 Sockeye | | |
| | 21 | | | 130 Sockeye | | |
| | 22 | | | 100 Sockeye | | |
| | 23 | | | 70 Sockeye | | |
| 24 | | 165 Sockeye | | | | |
| 25 | | 160 Sockeye | | 08:30 | | |

Appendix Table 1. Inseason vessel interviews. (p 7 of 13)

STAT WEEK 30 (continued)

| DATE | BOAT I.D. | BOAT SEEN | AREA | TIME | TARGET SPECIES | OTHER SALMON |
|------|-----------|-----------|------------|-------|----------------|--------------|
| | 1 | 12 | Kashevarof | 18:00 | 80 Sockeye | |
| | 2 | | | | 150 Sockeye | 350 Pinks |
| | 3 | | | | 263 Sockeye | 370 Pinks |
| | 4 | | | | 260 Sockeye | 350 Pinks |
| | 5 | | | | 220 Sockeye | |
| | 6 | | | | 250 Sockeye | |
| | 7 | | | | 19:00 | 400 Sockeye |

Vessel interviews conducted in the evening of 7/19 and early 7/20 indicated an increase in the sockeye salmon catch per boat of approximately 125-135/day. Due to the increase in the sockeye salmon catch, a 40-50% decrease in vessels fishing the area and an improvement in the sockeye salmon escapement on the weir systems, a 24 hour extension in the fishery was given on the fishing grounds. Early morning fog on 7/21 prevented any vessel surveys before the fishery closed at noon.

Appendix Table 1. Inseason vessel interviews. (p 8 of 13)

Stat Week 31

| DATE | BOAT I.D. | BOAT SEEN | AREA | TIME | TARGET SPECIES | OTHER SALMON |
|------|-----------|-----------|-----------|-------------|----------------|--------------|
| 7/27 | 1 | 35 | Pt. Baker | 15:00 | 130 Sockeye | |
| | 2 | | | | 135 Sockeye | |
| | 3 | | | | 70 Sockeye | |
| | 4 | | | | 60 Sockeye | |
| | 5 | | | | 150 Sockeye | |
| | 6 | | | | 200 Sockeye | |
| | 7 | | | | 150 Sockeye | |
| | 8 | | | | 150 Sockeye | |
| | 9 | | | | 150 Sockeye | |
| | 10 | | | | 100 Sockeye | |
| | 11 | | | | 130 Sockeye | |
| | 12 | | | | 169 Sockeye | |
| | 13 | | | | 150 Sockeye | |
| | 1 | 8 | Macnamara | 16:00 | 150 Sockeye | |
| | 2 | | | 16:30 | 140 Sockeye | |
| | 3 | | | | 250 Sockeye | |
| | 4 | | | | 280 Sockeye | |
| | 5 | | | 17:00 | 170 Sockeye | |
| | | | | 250 Sockeye | | |

Sockeye CPUE on the evening of 7/27 averaged 134/boat at Point Baker. Most of the boats indicated that the pink salmon catches were dropping off from last week but that the chum and coho salmon catches were improving over last week. Of the 8 boats fishing at Macnamara Point 5 were interviewed for an average of 208 sockeye/boat and they also indicated that the pink salmon were dropping off and the chum and coho salmon catches were improving. The fog in the morning again prevented the early morning survey.

Appendix Table 1. Inseason vessel interviews. (p 9 of 13)

STAT WEEK 32

| DATE | BOAT I.D. | BOAT SEEN | AREA | TIME | TARGET SPECIES | OTHER SALMON | |
|------|-----------|-----------|-----------|-------|----------------|--------------|-----------|
| 8/3 | 1 | 40 | Pt. Baker | 14:30 | 220 Sockeye | 600 Pinks | |
| | 2 | | | | 160 Sockeye | | |
| | 3 | | | | 130 Sockeye | | 400 Pinks |
| | 4 | | | | 180 Sockeye | | 450 Pinks |
| | 5 | | | | 240 Sockeye | | |
| | 6 | | | | 230 Sockeye | | 550 Pinks |
| | 7 | | | | 120 Sockeye | | 300 Pinks |
| | 8 | | | | 160 Sockeye | | 300 Pinks |
| | 9 | | | | 160 Sockeye | | 400 Pinks |
| | 10 | | | | 100 Sockeye | | 300 Pinks |
| | 11 | | | | 70 Sockeye | | 250 Pinks |
| | 12 | | | | 150 Sockeye | | 250 Pinks |
| | 13 | | | | 150 Sockeye | | 300 Pinks |
| | 14 | | | | 115 Sockeye | | 300 Pinks |
| | 15 | | | | 115 Sockeye | | |
| 8/3 | 1 | 8 | Macnamara | 15:30 | 115 Sockeye | 300 Pinks | |
| | 2 | | | 17:00 | 150 Sockeye | | 140 Pinks |
| | 3 | | | | 160 Sockeye | | 200 Pinks |
| | 4 | | | 17:30 | 120 Sockeye | | |
| 8/4 | 0 | 50 | Clarence | 08:30 | Aerial | | |
| | 0 | 12 | Macnamara | 09:00 | Aerial | | |

The vessels interviewed around Point Baker on 8/3 averaged 153 sockeye/boat and 366 pinks/boat with approximately 40 boats fishing the area. Salmon catches at Macnamara Point were lower with an average from four out of eight boats fishing at 135 sockeye/boat and 213 pinks/boat. An aerial survey on 8/4 counted 50 boats in Clarence Strait and 12 at Macnamara Point for an estimate of 100 boats fishing during the week.

Appendix Table 1. Inseason vessel interviews. (p 10 of 13)

STAT WEEK 33

| DATE | BOAT I.D. | BOAT SEEN | AREA | TIME | TARGET SPECIES | OTHER SALMON |
|------|-----------|-----------|------------|-------|----------------|--------------|
| 8/9 | | 10 | Macnamara | 14:00 | | |
| | | 2 | Kashevarof | 17:30 | | |
| | 1 | 24 | Luck Pt. | 17:45 | 400 Pinks | 60 Sockeye |
| | 2 | | | | 350 Pinks | 50 Sockeye |
| | 3 | | | | 250 Pinks | 40 Sockeye |
| | 4 | | | 17:15 | 200 Pinks | 20 Sockeye |
| | 1 | 18 | Marsh Is. | 18:30 | 100 Pinks | 20 Sockeye |
| | 2 | | | | 80 Pinks | 20 Sockeye |
| | 3 | | | 19:00 | 70 Pinks | 16 Sockeye |
| | | 2 | Bushy Is. | 19:15 | | |
| 8/10 | 1 | 34 | Pt. Baker | 07:30 | 160 Pinks | 60 Sockeye |
| | 2 | | | | 150 Pinks | 30 Sockeye |
| | 3 | | | | 248 Pinks | 51 Sockeye |
| | 4 | | | | 389 Pinks | 39 Sockeye |
| | 5 | | | | 110 Pinks | 53 Sockeye |
| | 6 | | | | 200 Pinks | 70 Sockeye |
| | 7 | | | 08:30 | 150 Pinks | 30 Sockeye |
| | 0 | 42 | Clarence | 09:00 | Aerial | |

During week 33 the management emphasis switched to pink salmon and the fishery was reduced to one day. For the first 6-7 hours of the fishery Luck Point had the best catches at 300 pinks, 43 sockeye and 29 coho/boat. Around Marsh Island the average had dropped to 83 pinks, 19 sockeye and only 5 coho/boat for an average in Clarence Strait of 181 pinks, 33 sockeye and 20 coho/boat. The total boats seen in Clarence Strait was 40 boats. The survey in the morning on 8/10 in Sumner Strait averaged 204 pinks, 48 sockeye and coho/boat.

Appendix Table 1. Inseason vessel interviews. (p 11 of 13)

STAT WEEK 34

| DATE | BOAT I.D. | BOAT SEEN | AREA | TIME | TARGET SPECIES | OTHER SALMON |
|------|--------------|--------------|------|------|-------------------|-----------------|
|------|--------------|--------------|------|------|-------------------|-----------------|

Fishery closed for the week.

Appendix Table 1. Inseason vessel interviews. (p 12 of 13)

STAT WEEK 35

| DATE | BOAT I.D. | BOAT SEEN | AREA | TIME | TARGET SPECIES | OTHER SALMON |
|------|-----------|-----------|-----------|-------|----------------|--------------|
| 8/24 | 1 | 12 | Marsh Is. | 08:00 | 53 Coho | 46 Pinks |
| | 2 | | | | 50 Coho | |
| | 3 | | | | 30 Coho | |
| | 4 | | | 08:45 | 42 Coho | |

The fishery was opened for one day to test the strength of the coho salmon return. The target species switched from pink to coho salmon and a 6" minimum mesh restriction was in effect. Of the 12 boats fishing at Marsh Island four were interviewed in the morning for an average coho salmon catch of 43/boat. The average for the week will probably be close to 55-60 coho/boat due to the remaining fishing time and the boats interviewed all felt that the remainder of the fleet was doing better than what the catches at Marsh Island were indicating. No additional surveys were conducted due to other commitments for the day.

Appendix Table 1. Inseason vessel interviews. (p 13 of 13)

STAT WEEK 36

| DATE | BOAT I.D. | BOAT SEEN | AREA | TIME | TARGET SPECIES | OTHER SALMON |
|------|-----------|-----------|-----------|---------|----------------|--------------|
| 8/31 | 1 | 3 | Wrangell | 07:30 | 22 Coho | |
| | 2 | | | 25 Coho | | |
| | 3 | | | 20 Coho | | |
| | 1 | 4 | Macnamara | 08:15 | 87 Coho | |
| | 2 | | | 55 Coho | | |
| | 3 | | | 72 Coho | | |
| | 4 | | | 65 Coho | 08:30 | |

The fishery was again only open for one day with a 6" minimum mesh restriction. The vessels surveyed in the Wrangell area only averaged 22 coho/boat while the boats fishing at Macnamara Point averaged 70 coho/boat by 8:00 A.M. Due to other commitments no other surveys were conducted.