

# 2017 North of Falcon #2 Agenda

April 4, 2017

HHonors wifi: huskies

| <b>Time</b> | <b>Discussion</b>   |
|-------------|---|
| 9:30–10:30  | Welcome and Intro <ul style="list-style-type: none"><li>• Meeting breakouts</li><li>• Management objectives<ul style="list-style-type: none"><li>○ Ocean options</li><li>○ Model runs (critical stocks)</li></ul></li><li>• Co-manager Issues</li></ul> |
| 10:30-3:00  | Regional Discussion Sessions  |

| <b>Room</b>      | <b>Regional Discussion Sessions</b> |
|------------------|-------------------------------------|
| St. Helens/Baker | Puget Sound Recreational            |
| 401              | Puget Sound Commercial              |
| Boardrooms A&B   | As needed                           |

## North of Falcon Meeting Schedule and Comment Page

[wdfw.wa.gov/fishing/northfalcon/](http://wdfw.wa.gov/fishing/northfalcon/)

|  |                                    |
|--|------------------------------------|
| <b>Ocean/Columbia River Fisheries Discussions</b><br>April 5, 9am – 1 pm | OB2 Room SL-03<br>Olympia, WA      |
| <b>Pacific Fishery Management Council</b><br>April 7-11                  | Doubletree Hotel<br>Sacramento, CA |



| P  |   | S |   | R |   | C  |    | S  |    | - 201 |    | -18 M |    | P  |    |    |    |    |
|----|---|---|---|---|---|----|----|----|----|-------|----|-------|----|----|----|----|----|----|
| A  | M |   |   |   |   | A  | S  | O  | N  | D     |    | F     | M  | A  |    |    |    |    |
|    |   |   |   |   |   | M  | M  | M  | M  | M     | M  |       |    |    | NR | NR | NR | NR |
|    |   |   |   |   |   | M  | M  | M  | M  | M     | M  |       |    |    | NR | NR | NR | NR |
|    |   |   |   |   |   | NR | NR | NR | NR | M     | M  | M     | M  |    | NR | NR | NR | NR |
| 81 |   |   |   |   |   |    |    |    |    |       |    |       |    |    | NR | NR | NR | NR |
| 82 |   |   |   |   |   |    |    |    |    |       |    |       |    |    | NR | NR | NR | NR |
| 9  |   |   |   |   |   | M  | M  | M  | M  | M     | M  | M     | M  |    | NR | NR | NR | NR |
| 10 |   |   |   |   |   | NR | NR | M  | M  | M     | M  | M     | M  | M  | M  | M  | M  | M  |
| 11 |   |   |   |   |   | NS | NS | NS | NS | NS    | NS | NS    | NS | M  | M  | M  | M  | M  |
| 12 |   |   |   |   |   | NS | NS | NS | NS | NS    | NS | NS    | NS | NS | NS | NS | NS | NS |
| 13 | M | M | M | M | M | M  | M  | M  | M  | M     | M  | M     | M  | M  | M  | M  | M  | M  |

  

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|---|---|---|--|---|---|----|--|---|---|---|----|--|---|--|-----|---|---|----|
| D |   | M |  | C |   | M  |  | L | S |   | NS |  | N |  | M   | Y | - | NS |
| N | S | M |  | S |   |    |  |   |   | G | NS |  |   |  | NS  |   | T | NS |
|   | S |   |  | S |   | NS |  |   |   | P | NS |  | S |  | TBD | S | I | M  |
|   |   |   |  | L | A | NS |  |   |   |   |    |  |   |  |     |   |   |    |

  

|    |   |    |  |    |   |   |   |   |  |   |  |   |   |     |
|----|---|----|--|----|---|---|---|---|--|---|--|---|---|-----|
| NR | N | -R |  | NS | - | M | M | S |  | C |  | M | S | MSF |
|----|---|----|--|----|---|---|---|---|--|---|--|---|---|-----|

4/3/2017

**Table 2A. Model projected impact rates relative to 2015 ESA conservation objectives.**

Model Run Name: SLC-Chin1417 Run Date & Time: 04/03/17 23:26

| <b>DRAFT</b>                | <b>Model Run Guideline Summary*</b> |                            |                                   |                      |                 |
|-----------------------------|-------------------------------------|----------------------------|-----------------------------------|----------------------|-----------------|
|                             | <b>ER Limit</b>                     | <b>Model ER Projection</b> | <b>Difference (Limit - Model)</b> | <b>ER Limit Type</b> | <b>Comments</b> |
| <b>Spring/Early Stocks:</b> |                                     |                            |                                   |                      |                 |
| Nooksack                    | 10.0%                               | 11.8%                      | -1.8%                             | SUS                  |                 |
| Skagit                      | 38.0%                               | 23.7%                      | 14.3%                             | Total                |                 |
| White                       | 22.0%                               | 18.0%                      | 4.0%                              | SUS                  |                 |
| Dungeness                   | 6.0%                                | 7.2%                       | -1.2%                             | SUS                  |                 |
| <b>Summer/Fall Stocks:</b>  |                                     |                            |                                   |                      |                 |
| Skagit                      | 50.0%                               | 36.0%                      | 14.0%                             | Total                |                 |
| Stillaguamish               | 15.0%                               | 13.3%                      | 1.7%                              | SUS                  |                 |
| Snohomish                   | 15.0%                               | 7.7%                       | 7.3%                              | SUS                  |                 |
| Lake WA (Cedar R.)          | 20.0%                               | 22.3%                      | -2.3%                             | SUS                  |                 |
| Green                       | 12.0%                               | 10.5%                      | 1.5%                              | PT SUS               |                 |
| Puyallup                    | 50.0%                               | 50.5%                      | -0.5%                             | Total                |                 |
| Nisqually                   | 47.0%                               | 49.4%                      | -2.4%                             | Total                |                 |
| Western Strait-Hoko         | 10.0%                               | 1.9%                       | 8.1%                              | SUS                  |                 |
| Elwha                       | 10.0%                               | 7.7%                       | 2.3%                              | SUS                  |                 |
| Mid-Hood Canal tribs.       | 12.0%                               | 11.4%                      | 0.6%                              | PT SUS               |                 |
| Skokomish                   | 50.0%                               | 54.2%                      | -4.2%                             | Total                |                 |

\*ER Limit Definitions

- (1) Exploitation Rate (ER): the fraction of total mortality (i.e., in fisheries and on spawning grounds) that occurs in fisheries; fishery mortality includes land non-landed components and accounts for the likelihood that a fish, had it not been killed in a fishery, would have survived to maturity
- (2) Total ER: The exploitation rate across all fisheries, Alaska, Canada, Southern US, freshwater and marine.
- (3) Southern US ER (SUS): The exploitation rate across all fisheries, excluding mortality in Canadian and Alaskan fisheries.
- (4) Preterminal Southern US ER (PT SUS): The SUS ER excluding fishing mortality in terminal net and freshwater sport and net fisheries.

**Table 2.** Total, southern US (SUS), and SUS preterminal (PT) exploitation rates (ER) and natural escapements of Puget Sound chinook stocks (MSF compatible Management criteria are: LAT = Low Abundance Threshold, ERC = ER Ceiling, and CERC = Critical ER Ceiling.

| Stock                            | Model Prediction |              |              |            | Management Criteria |     |          |      |              | Notes  |
|----------------------------------|------------------|--------------|--------------|------------|---------------------|-----|----------|------|--------------|--|
|                                  | Tot. ER          | SUS ER       | PT ER        | Escapement | ment LAT            | ERC | ERC type | CERC | CERC type    |  |
| <b>Spring/Early:</b>             |                  |              |              |            |                     |     |          |      |              |  |
| <b>Nooksack (n) - Total</b>      | 32.2%            | <b>11.8%</b> | 7.0%         | 226        | 2,000               | 10% | SUS      | 10%  | SUS          | Can be >7% but <9% in 1/5 years; last year >7%, 2011 |
| North Fork                       |                  |              |              | 177        | 1,000               |     |          |      |              |  |
| South Fork                       |                  |              |              | 49         | 1,000               |     |          |      |              |  |
| <b>Skagit (n) - Total</b>        | <b>23.7%</b>     | 16.9%        | 3.1%         | 2,375      | 576                 | 38% | Total    | 18%  | SUS          |  |
| Upper Sauk                       |                  |              |              | 1,382      | 130                 |     |          |      |              |  |
| Upper Cascade                    |                  |              |              | 344        | 170                 |     |          |      |              |  |
| Suiattle                         |                  |              |              | 649        | 170                 |     |          |      |              |  |
| <b>White</b>                     | 22.2%            | <b>18.0%</b> | 6.0%         | 1,489      | 200                 | 22% | SUS      | 15%  | SUS          |  |
| <b>Dungeness</b>                 | 21.7%            | <b>7.2%</b>  | 7.0%         | 364        | 500                 | 10% | SUS      | 6%   | SUS          |  |
| <b>Summer/Fall:</b>              |                  |              |              |            |                     |     |          |      |              |  |
| <b>Skagit - Total</b>            | <b>36.0%</b>     | 14.1%        | 5.6%         | 15,143     | 4,800               | 50% | Total    | 17%  | SUS          | CERC = 17%/15% odd/even years                        |
| Upper Skagit                     |                  |              |              | 11,551     | 2,200               |     |          |      |              |  |
| Sauk                             |                  |              |              | 673        | 400                 |     |          |      |              |  |
| Lower Skagit                     |                  |              |              | 2,530      | 900                 |     |          |      |              |  |
| <b>Stillaguamish (n) - Total</b> | 23.6%            | <b>13.3%</b> | 7.0%         | 221        | 700                 | 25% | Total    | 15%  | SUS          |  |
| North Fork Summer                |                  |              |              | 176        | 500                 |     |          |      |              |  |
| South Fork Fall                  |                  |              |              | 45         | 200                 |     |          |      |              |  |
| <b>Snohomish (n) - Total</b>     | 15.2%            | <b>7.7%</b>  | 6.2%         | 3,309      | 2,800               | 21% | Total    | 15%  | SUS          | **Can manage to CERC b/c North ER > (ERC-CERC)       |
| Skykomish                        |                  |              |              | 2,690      | 1,745               |     |          |      |              |  |
| Snoqualmie                       |                  |              |              | 619        | 521                 |     |          |      |              |  |
| <b>Lake Wa. (Cedar R.)</b>       | 33.0%            | <b>22.3%</b> | 10.5%        | 1,052      | 200                 | 20% | SUS      | 10%  | PT SUS       |  |
| <b>Green</b>                     | 41.9%            | 31.2%        | <b>10.5%</b> | 5,841      | 1,800               | 15% | PT SUS   | 12%  | PT SUS       |  |
| <b>Puyallup</b>                  | <b>50.5%</b>     | 39.8%        | 10.5%        | 1,052      | 500                 | 50% | Total    | 12%  | PT SUS       |  |
| <b>Nisqually</b>                 | <b>49.4%</b>     | 41.6%        | 13.0%        | 1,078      | 700                 | 47% | Total    | 21%  | 50% red. SUS |  |
| <b>Western Strait-Hoko</b>       | 21.4%            | <b>1.9%</b>  | 1.9%         | 1,246      | 500                 | 10% | SUS      | 6%   | SUS          |  |
| <b>Elwha</b>                     | 22.6%            | <b>7.7%</b>  | 7.6%         | 2,621      | 1,000               | 10% | SUS      | 6%   | SUS          | LAT 500 N+500 H                                      |
| <b>Mid-Hood Canal tribs. (n)</b> | 21.6%            | 11.7%        | <b>11.4%</b> | 330        | 400                 | 15% | PT SUS   | 12%  | PT SUS       |  |
| <b>Skokomish</b>                 | <b>54.2%</b>     | 44.3%        | 11.8%        | 1,183      | 800                 | 50% | Total    | 12%  | PT SUS       | LAT also incl. 500 to hatch.                         |

SRFI = 0.55 (0.70 ceiling)  
 Lower Col Nat Tule ER = .379 (0.41 ceiling)

FRAM Version: 2.17

Table 2. Total, southern US (SUS), and SUS preterminal (PT) exploitation rates (ER) and natural escapements of Puget Sound chinook stocks (MSF compatible).  
 Management criteria are: LAT = Low Abundance Threshold, ERC = ER Ceiling, and CERC = Critical ER Ceiling.

| Stock                            | Alt 1 (Chin1317) |              |              |                    | Alt 2 (Chin1417) |              |              |                    | Alt 3 (Chin1517) |              |              |                    | Management Criteria |     |          |      |              |
|----------------------------------|------------------|--------------|--------------|--------------------|------------------|--------------|--------------|--------------------|------------------|--------------|--------------|--------------------|---------------------|-----|----------|------|--------------|
|                                  | Tot. ER          | SUS ER       | PT ER        | Natural Escapement | Tot. ER          | SUS ER       | PT ER        | Natural Escapement | Tot. ER          | SUS ER       | PT ER        | Natural Escapement | Escape-ment LAT     | ERC | ERC type | CERC | CERC type    |
| <b>Spring/Early:</b>             |                  |              |              |                    |                  |              |              |                    |                  |              |              |                    |                     |     |          |      |              |
| <b>Nooksack (n) - Total</b>      | 32.9%            | <b>12.4%</b> | 7.6%         | 224                | 32.2%            | <b>11.8%</b> | 7.0%         | 226                | 31.6%            | <b>11.1%</b> | 6.3%         | 228                | 2,000               | 10% | SUS      | 10%  | SUS          |
| North Fork                       |                  |              |              | 175                |                  |              |              | 177                |                  |              |              | 178                | 1,000               |     |          |      |              |
| South Fork                       |                  |              |              | 49                 |                  |              |              | 49                 |                  |              |              | 50                 | 1,000               |     |          |      |              |
| <b>Skagit (n) - Total</b>        | <b>23.9%</b>     | 17.1%        | 3.2%         | 2,372              | <b>23.7%</b>     | 16.9%        | 3.1%         | 2,375              | <b>23.5%</b>     | 16.8%        | 2.9%         | 2,378              | 576                 | 38% | Total    | 18%  | SUS          |
| Upper Sauk                       |                  |              |              | 1,380              |                  |              |              | 1,382              |                  |              |              | 1,384              | 130                 |     |          |      |              |
| Upper Cascade                    |                  |              |              | 344                |                  |              |              | 344                |                  |              |              | 345                | 170                 |     |          |      |              |
| Suiattle                         |                  |              |              | 648                |                  |              |              | 649                |                  |              |              | 650                | 170                 |     |          |      |              |
| <b>White</b>                     | 22.5%            | <b>18.3%</b> | 6.4%         | 1,484              | 22.2%            | <b>18.0%</b> | 6.0%         | 1,489              | 21.9%            | <b>17.7%</b> | 5.7%         | 1,493              | 200                 | 22% | SUS      | 15%  | SUS          |
| <b>Dungeness</b>                 | 22.0%            | <b>7.5%</b>  | 7.3%         | 364                | 21.7%            | <b>7.2%</b>  | 7.0%         | 364                | 21.4%            | <b>6.9%</b>  | 6.7%         | 365                | 500                 | 10% | SUS      | 6%   | SUS          |
| <b>Summer/Fall:</b>              |                  |              |              |                    |                  |              |              |                    |                  |              |              |                    |                     |     |          |      |              |
| <b>Skagit - Total</b>            | <b>36.3%</b>     | 14.4%        | 5.9%         | 15,094             | <b>36.0%</b>     | 14.1%        | 5.6%         | 15,143             | <b>35.8%</b>     | 14.0%        | 5.5%         | 15,172             | 4,800               | 50% | Total    | 15%  | SUS          |
| Upper Skagit                     |                  |              |              | 11,514             |                  |              |              | 11,551             |                  |              |              | 11,573             | 2,200               |     |          |      |              |
| Sauk                             |                  |              |              | 671                |                  |              |              | 673                |                  |              |              | 674                | 400                 |     |          |      |              |
| Lower Skagit                     |                  |              |              | 2,522              |                  |              |              | 2,530              |                  |              |              | 2,535              | 900                 |     |          |      |              |
| <b>Stillaguamish (n) - Total</b> | 23.8%            | <b>13.5%</b> | 7.2%         | 221                | 23.6%            | <b>13.3%</b> | 7.0%         | 221                | 23.4%            | <b>13.2%</b> | 6.9%         | 221                | 700                 | 25% | Total    | 15%  | SUS          |
| North Fork Summer                |                  |              |              | 176                |                  |              |              | 176                |                  |              |              | 176                | 500                 |     |          |      |              |
| South Fork Fall                  |                  |              |              | 45                 |                  |              |              | 45                 |                  |              |              | 45                 | 200                 |     |          |      |              |
| <b>Snohomish (n) - Total</b>     | <b>15.5%</b>     | 8.0%         | 6.5%         | 3,301              | <b>15.2%</b>     | 7.7%         | 6.2%         | 3,309              | <b>15.0%</b>     | 7.6%         | 6.0%         | 3,312              | 2,800               | 21% | Total    | 15%  | SUS          |
| Skykomish                        |                  |              |              | 2,684              |                  |              |              | 2,690              |                  |              |              | 2,693              | 1,745               |     |          |      |              |
| Snoqualmie                       |                  |              |              | 617                |                  |              |              | 619                |                  |              |              | 619                | 521                 |     |          |      |              |
| <b>Lake Wa. (Cedar R.)</b>       | 34.1%            | <b>23.5%</b> | 11.7%        | 1,038              | 33.0%            | <b>22.3%</b> | 10.5%        | 1,052              | 32.2%            | <b>21.5%</b> | 9.7%         | 1,062              | 200                 | 20% | SUS      | 10%  | PT SUS       |
| <b>Green</b>                     | 43.0%            | 32.3%        | <b>11.7%</b> | 5,748              | 41.9%            | 31.2%        | <b>10.5%</b> | 5,841              | 41.1%            | 30.4%        | <b>9.7%</b>  | 5,906              | 1,800               | 15% | PT SUS   | 12%  | PT SUS       |
| <b>Puyallup</b>                  | <b>51.2%</b>     | 40.6%        | 11.7%        | 1,036              | <b>50.5%</b>     | 39.8%        | 10.5%        | 1,052              | <b>49.9%</b>     | 39.2%        | 9.7%         | 1,062              | 500                 | 50% | Total    | 12%  | PT SUS       |
| <b>Nisqually</b>                 | <b>50.5%</b>     | 42.7%        | 14.6%        | 1,058              | <b>49.4%</b>     | 41.6%        | 13.0%        | 1,078              | <b>48.7%</b>     | 40.8%        | 11.9%        | 1,092              | 700                 | 47% | Total    | 17%  | 50% red. SUS |
| <b>Western Strait-Hoko</b>       | 21.7%            | <b>2.1%</b>  | 2.1%         | 1,244              | 21.4%            | <b>1.9%</b>  | 1.9%         | 1,246              | 21.0%            | <b>1.6%</b>  | 1.6%         | 1,251              | 500                 | 10% | SUS      | 6%   | SUS          |
| <b>Elwha</b>                     | 22.9%            | <b>8.0%</b>  | 7.9%         | 2,618              | 22.6%            | <b>7.7%</b>  | 7.6%         | 2,621              | 22.3%            | <b>7.4%</b>  | 7.3%         | 2,625              | 1,000               | 10% | SUS      | 6%   | SUS          |
| <b>Mid-Hood Canal tribs. (n)</b> | 23.0%            | 13.2%        | <b>12.9%</b> | 326                | 21.6%            | 11.7%        | <b>11.4%</b> | 330                | 20.6%            | 10.6%        | <b>10.3%</b> | 333                | 400                 | 15% | PT SUS   | 12%  | PT SUS       |
| <b>Skokomish</b>                 | <b>55.2%</b>     | 45.4%        | 13.3%        | 1,159              | <b>54.2%</b>     | 44.3%        | 11.8%        | 1,183              | <b>53.4%</b>     | 43.5%        | 10.8%        | 1,200              | 800                 | 50% | Total    | 12%  | PT SUS       |

Lower Col Nat Tule ER = 39.4  
 FRAM Description: 100K NT; 50K T

Lower Col Nat Tule ER = 37.9  
 FRAM Description: 90K NT; 40K T

Lower Col Nat Tule ER = 36.1  
 FRAM Description: 80K NT; 30K T

**NOF #2 Revised Model Runs**

## Unmarked AEQ Mortalities and Exploitation Rates of Key Natural Stock

| Fish Nam        | Fish No. | Nooksack Earlyies |         |         |          |                 |         | Total         |
|-----------------|----------|-------------------|---------|---------|----------|-----------------|---------|---------------|
|                 |          | May-June          | Jul-Sep | Oct-Apr | May-June | Jul-Sep         | Oct-Apr |               |
| NT 3:4 Trl      | 16       | 0.4               | 0.0     | 0.0     | 0.1%     | 0.0%            | 0.0%    | <b>0.1%</b>   |
| Tr 3:4 Trl      | 17       | 4.5               | 3.3     | 3.2     | 1.4%     | 1.0%            | 1.0%    | <b>3.3%</b>   |
| Ar 3:4 Spt      | 18       | 0.1               | 0.3     | 0.0     | 0.0%     | 0.1%            | 0.0%    | <b>0.1%</b>   |
| Ar 7 Sport      | 36       | 0.0               | 3.8     | 2.2     | 0.0%     | 1.1%            | 0.7%    | <b>1.8%</b>   |
| NT 7:7ANet      | 37       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| Tr 7:7ANet      | 38       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| NT 7BCDNi       | 39       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| Tr 7BCDNe       | 40       | 0.0               | 0.1     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| Tr JDF Trl      | 41       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| Ar 5 Sport      | 42       | 0.0               | 0.4     | 0.7     | 0.0%     | 0.1%            | 0.2%    | <b>0.3%</b>   |
| NT JDF Net      | 43       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| Tr JDF Net      | 44       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| Ar 8-1 Spt      | 45       | 0.0               | 0.0     | 0.3     | 0.0%     | 0.0%            | 0.1%    | <b>0.1%</b>   |
| Ar 9 Sport      | 53       | 0.0               | 0.2     | 0.9     | 0.0%     | 0.1%            | 0.3%    | <b>0.3%</b>   |
| Ar 6 Sport      | 54       | 0.0               | 0.2     | 0.9     | 0.0%     | 0.1%            | 0.3%    | <b>0.3%</b>   |
| Tr 6B:9Net      | 55       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| A 10 Sport      | 56       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| A 11 Sport      | 57       | 0.0               | 1.5     | 0.0     | 0.0%     | 0.4%            | 0.0%    | <b>0.4%</b>   |
| NT10:11Net      | 58       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| Tr10:11Net      | 59       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| A 10A Sprt      | 60       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| Tr 10A Net      | 61       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| A 10E Sprt      | 62       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| Tr 10E Net      | 63       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| A 12 Sport      | 64       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| NT HC Net       | 65       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| Tr HC Net       | 66       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| A 13 Sport      | 67       | 0.0               | 0.0     | 0.0     | 0.0%     | 0.0%            | 0.0%    | <b>0.0%</b>   |
| FW Net          | 73       |                   | 15.8    |         | 0.0%     | 4.8%            | 0.0%    | <b>4.8%</b>   |
| Escapeme:       | 74       |                   |         |         |          |                 |         |               |
|                 |          | SUS NT            | 3.6%    |         |          | <b>SUS ER</b>   |         | <b>11.76%</b> |
| Total Abundance |          | SUS TR            | 8.1%    |         |          | <b>Total ER</b> |         | <b>32.19%</b> |

## Unmarked AEQ Mortalities and Exploitation Rates of Key Natural Stock

|                 |          | Dungeness Spring |         |         |          |         |                 |               |
|-----------------|----------|------------------|---------|---------|----------|---------|-----------------|---------------|
| Fish Nam        | Fish No. | May-June         | Jul-Sep | Oct-Apr | May-June | Jul-Sep | Oct-Apr         | Total         |
| NT 3:4 Trl      | 16       | 0.1              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| Tr 3:4 Trl      | 17       | 4.0              | 0.4     | 8.7     | 0.9%     | 0.1%    | 1.9%            | <b>2.8%</b>   |
| Ar 3:4 Spt      | 18       | 0.0              | 1.2     | 0.0     | 0.0%     | 0.3%    | 0.0%            | <b>0.3%</b>   |
| Ar 7 Sport      | 36       | 0.0              | 1.0     | 0.8     | 0.0%     | 0.2%    | 0.2%            | <b>0.4%</b>   |
| NT 7:7ANet      | 37       | 0.0              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| Tr 7:7ANet      | 38       | 0.0              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| NT 7BCDNi       | 39       | 0.0              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| Tr 7BCDNe       | 40       | 0.0              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| Tr JDF Trl      | 41       | 0.0              | 0.1     | 0.1     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| Ar 5 Sport      | 42       | 0.0              | 0.6     | 4.1     | 0.0%     | 0.1%    | 0.9%            | <b>1.0%</b>   |
| NT JDF Net      | 43       | 0.0              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| Tr JDF Net      | 44       | 0.0              | 0.4     | 0.0     | 0.0%     | 0.1%    | 0.0%            | <b>0.1%</b>   |
| Ar 8-1 Spt      | 45       | 0.0              | 0.0     | 0.5     | 0.0%     | 0.0%    | 0.1%            | <b>0.1%</b>   |
| Ar 9 Sport      | 53       | 0.0              | 0.8     | 1.4     | 0.0%     | 0.2%    | 0.3%            | <b>0.5%</b>   |
| Ar 6 Sport      | 54       | 0.0              | 0.9     | 5.0     | 0.0%     | 0.2%    | 1.1%            | <b>1.3%</b>   |
| Tr 6B:9Net      | 55       | 0.0              | 0.1     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| A 10 Sport      | 56       | 0.0              | 0.2     | 0.1     | 0.0%     | 0.0%    | 0.0%            | <b>0.1%</b>   |
| A 11 Sport      | 57       | 0.1              | 0.7     | 0.5     | 0.0%     | 0.2%    | 0.1%            | <b>0.3%</b>   |
| NT10:11Net      | 58       | 0.0              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| Tr10:11Net      | 59       | 0.0              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| A 10A Sprt      | 60       | 0.0              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| Tr 10A Net      | 61       | 0.0              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| A 10E Sprt      | 62       | 0.0              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| Tr 10E Net      | 63       | 0.0              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| A 12 Sport      | 64       | 0.0              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| NT HC Net       | 65       | 0.0              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| Tr HC Net       | 66       | 0.0              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| A 13 Sport      | 67       | 0.0              | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| FW Sport        | 72       |                  | 0.0     |         | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| FW Net          | 73       |                  | 1.0     |         | 0.0%     | 0.2%    | 0.0%            | <b>0.2%</b>   |
| Escapeme:       | 74       |                  |         |         |          |         |                 |               |
|                 |          | SUS NT           | 4.0%    |         |          |         | <b>SUS ER</b>   | <b>7.21%</b>  |
| Total Abundance |          | SUS TR           | 3.2%    |         |          |         | <b>Total ER</b> | <b>21.71%</b> |



## Unmarked AEQ Mortalities and Exploitation Rates of Key Natural Stock

|                 |          | Lake Washington |         |         |          |         |                 |               |
|-----------------|----------|-----------------|---------|---------|----------|---------|-----------------|---------------|
| Fish Nam        | Fish No. | May-June        | Jul-Sep | Oct-Apr | May-June | Jul-Sep | Oct-Apr         | Total         |
| NT 3:4 Trl      | 16       | 10.5            | 1.7     | 0.0     | 0.7%     | 0.1%    | 0.0%            | <b>0.8%</b>   |
| Tr 3:4 Trl      | 17       | 20.9            | 13.4    | 17.3    | 1.4%     | 0.9%    | 1.2%            | <b>3.6%</b>   |
| Ar 3:4 Spt      | 18       | 1.5             | 9.9     | 0.0     | 0.1%     | 0.7%    | 0.0%            | <b>0.8%</b>   |
| Ar 7 Sport      | 36       | 0.0             | 4.2     | 3.1     | 0.0%     | 0.3%    | 0.2%            | <b>0.5%</b>   |
| NT 7:7ANet      | 37       | 0.0             | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| Tr 7:7ANet      | 38       | 0.0             | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| NT 7BCDNi       | 39       | 0.0             | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| Tr 7BCDNe       | 40       | 0.0             | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| Tr JDF Trl      | 41       | 1.6             | 1.1     | 0.4     | 0.1%     | 0.1%    | 0.0%            | <b>0.2%</b>   |
| Ar 5 Sport      | 42       | 0.0             | 3.9     | 0.8     | 0.0%     | 0.3%    | 0.1%            | <b>0.3%</b>   |
| NT JDF Net      | 43       | 0.0             | 0.0     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| Tr JDF Net      | 44       | 0.0             | 0.9     | 0.0     | 0.0%     | 0.1%    | 0.0%            | <b>0.1%</b>   |
| Ar 8-1 Spt      | 45       | 0.0             | 0.1     | 2.0     | 0.0%     | 0.0%    | 0.1%            | <b>0.1%</b>   |
| Ar 9 Sport      | 53       | 0.0             | 8.9     | 3.9     | 0.0%     | 0.6%    | 0.3%            | <b>0.9%</b>   |
| Ar 6 Sport      | 54       | 0.0             | 6.1     | 1.5     | 0.0%     | 0.4%    | 0.1%            | <b>0.5%</b>   |
| Tr 6B:9Net      | 55       | 0.0             | 2.4     | 0.0     | 0.0%     | 0.2%    | 0.0%            | <b>0.2%</b>   |
| A 10 Sport      | 56       | 0.1             | 12.3    | 3.7     | 0.0%     | 0.9%    | 0.3%            | <b>1.1%</b>   |
| A 11 Sport      | 57       | 1.5             | 5.4     | 0.8     | 0.1%     | 0.4%    | 0.1%            | <b>0.5%</b>   |
| NT10:11Net      | 58       | 0.0             | 3.5     | 1.2     | 0.0%     | 0.2%    | 0.1%            | <b>0.3%</b>   |
| Tr10:11Net      | 59       | 0.0             | 2.1     | 0.4     | 0.0%     | 0.1%    | 0.0%            | <b>0.2%</b>   |
| A 10A Sprt      | 60       | 0.0             | 2.8     | 0.0     | 0.0%     | 0.2%    | 0.0%            | <b>0.2%</b>   |
| Tr 10A Net      | 61       | 0.0             | 5.5     | 0.0     | 0.0%     | 0.4%    | 0.0%            | <b>0.4%</b>   |
| A 10E Sprt      | 62       | 0.0             | 0.3     | 0.0     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| Tr 10E Net      | 63       | 0.0             | 12.1    | 0.0     | 0.0%     | 0.8%    | 0.0%            | <b>0.8%</b>   |
| A 12 Sport      | 64       | 0.0             | 0.1     | 0.1     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| NT HC Net       | 65       | 0.0             | 1.0     | 0.0     | 0.0%     | 0.1%    | 0.0%            | <b>0.1%</b>   |
| Tr HC Net       | 66       | 0.0             | 1.2     | 0.0     | 0.0%     | 0.1%    | 0.0%            | <b>0.1%</b>   |
| A 13 Sport      | 67       | 0.1             | 0.3     | 0.2     | 0.0%     | 0.0%    | 0.0%            | <b>0.0%</b>   |
| FW Sport        | 72       |                 | 4.1     |         | 0.0%     | 0.3%    | 0.0%            | <b>0.3%</b>   |
| FW Net          | 73       |                 | 136.7   |         | 0.0%     | 9.5%    | 0.0%            | <b>9.5%</b>   |
| Escapeme:       | 74       |                 |         |         |          |         |                 |               |
|                 |          | SUS NT          | 7.2%    |         |          |         | <b>SUS ER</b>   | <b>22.33%</b> |
| Total Abundance |          | SUS TR          | 15.1%   |         |          |         | <b>Total ER</b> | <b>33.03%</b> |

TABLE 2: COHO FISHERY IMPACT SUMMARY HIGHLIGHTS - PUGET SOUND

| MODEL RUN SOURCE                            | bc-Coho1720 | bc-Coho1721 | bc-Coho1722 | bc-Coho1720 | bc-Coho1721 | bc-Coho1722 | bc-Coho1720 | bc-Coho1721 | bc-Coho1722 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|   | SKAGIT Wild | SKAGIT Wild | SKAGIT Wild | STILLY Wild | STILLY Wild | STILLY Wild | SNOHOM Wild | SNOHOM Wild | SNOHOM Wild |
| <b>FISHERY</b>                              |             |             |             |             |             |             |             |             |             |
| Projected Spawning Escapement               | 9,316       | 9,504       | 9,616       | 6,802       | 6,890       | 6,941       | 88,617      | 89,836      | 90,548      |
| Spawning Low/Normal Esc. Breakpoint         | 25,000      | 25,000      | 25,000      | 10,000      | 10,000      | 10,000      | 50,000      | 50,000      | 50,000      |
| Projected Exploitation Rate (all fisheries) | 16.8%       | 15.1%       | 14.0%       | 10.9%       | 9.6%        | 9.0%        | 1 . %       | 1 .4%       | 1 . %       |
| Exploitation Rate Ceiling (updated annual)  | 9.0%        | 9.0%        | 9.0%        | 8.2%        | 8.2%        | 8.2%        | 40.0%       | 40.0%       | 40.0%       |
| Exploitation in Southern U.S. Fisheries     | 14. %       | 12.9%       | 11.9%       | 9.9%        | 8. %        | .9%         | 16.5%       | 15.4%       | 14.7%       |
| -   |             |             |             |             |             |             |             |             |             |
| CANADIAN                                    | 236         | 238         | 237         | 77          | 77          | 77          | 1,100       | 1,103       | 1,101       |
| ALASKA                                      | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| S. of Falcon Troll                          | 3           | 1           | 0           | 2           | 0           | 0           | 32          | 6           | 0           |
| S. of Falcon Sport                          | 8           | 4           | 0           | 7           | 2           | 0           | 86          | 40          | 1           |
| NORTH OF CAPE FALCON OCEAN:                 |             |             |             |             |             |             |             |             |             |
| Treaty Troll                                | 438         | 250         | 149         | 192         | 105         | 60          | 2,699       | 1,486       | 840         |
| NT Troll N. Leadbtrr                        | 17          | 23          | 19          | 14          | 15          | 14          | 191         | 208         | 187         |
| NT Troll S. Leadbtrr                        | 10          | 8           | 8           | 7           | 6           | 6           | 101         | 84          | 80          |
| Sport: Area 1                               | 4           | 3           | 2           | 2           | 1           | 1           | 25          | 20          | 15          |
| Buoy 10                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Area 2                                      | 16          | 13          | 13          | 9           | 7           | 7           | 123         | 98          | 97          |
| Area 3                                      | 2           | 2           | 3           | 2           | 2           | 2           | 28          | 24          | 33          |
| Area 4 *                                    | 36          | 30          | 24          | 14          | 12          | 8           | 192         | 163         | 119         |
| PUGET SOUND:                                |             |             |             |             |             |             |             |             |             |
| Treaty Troll                                | 6           | 6           | 6           | 7           | 7           | 7           | 97          | 97          | 96          |
| Sport: Areas 5                              | 100         | 101         | 104         | 45          | 45          | 46          | 632         | 639         | 652         |
| Area 6                                      | 8           | 8           | 9           | 3           | 4           | 4           | 49          | 50          | 51          |
| Area 7                                      | 15          | 15          | 15          | 3           | 3           | 3           | 41          | 40          | 40          |
| Area 8-1,2                                  | 2           | 2           | 2           | 12          | 12          | 12          | 196         | 192         | 191         |
| Area 9                                      | 39          | 39          | 39          | 17          | 17          | 17          | 243         | 242         | 240         |
| Area 12                                     | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Area 10                                     | 22          | 22          | 21          | 5           | 5           | 5           | 74          | 74          | 73          |
| Area 11                                     | 6           | 6           | 5           | 3           | 3           | 3           | 46          | 46          | 45          |
| Area 13                                     | 3           | 3           | 3           | 0           | 0           | 0           | 1           | 1           | 1           |
| Freshwater Sport                            | 0           | 0           | 0           | 1           | 1           | 1           | 7,088       | 7,087       | 7,080       |
| Pre-terminal Net:                           |             |             |             |             |             |             |             |             |             |
| 6/7/7A NTrty                                | 39          | 39          | 39          | 4           | 4           | 4           | 52          | 52          | 52          |
| 6/7/7A Trty                                 | 86          | 86          | 86          | 8           | 8           | 7           | 107         | 106         | 106         |
| 4B/5/6C NTrty                               | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| 4B/5/6C Trty                                | 14          | 14          | 14          | 8           | 8           | 8           | 111         | 111         | 110         |
| Terminal Net:                               |             |             |             |             |             |             |             |             |             |
| Skagit Bay (8) NTrty                        | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Skagit Bay (8) Trty                         | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Area 8A Ntrty                               | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           | 0           |
| Area 8A Trty                                | 59          | 60          | 61          | 96          | 97          | 97          | 3,028       | 3,065       | 3,078       |
| Hood Canal NTrty                            | 2           | 2           | 2           | 1           | 1           | 1           | 23          | 23          | 23          |
| Hood Canal Trty                             | 4           | 4           | 5           | 4           | 4           | 4           | 49          | 49          | 50          |
| South Pgt Snd NTrty                         | 1           | 1           | 1           | 1           | 1           | 1           | 11          | 11          | 11          |
| South Pgt Snd Trty                          | 10          | 10          | 10          | 6           | 6           | 6           | 88          | 88          | 87          |
| B'ham Bay(7B) Ntrty                         | 20          | 20          | 20          | 1           | 1           | 1           | 19          | 19          | 19          |
| B'ham Bay(7B) Trty                          | 49          | 50          | 50          | 3           | 3           | 3           | 46          | 47          | 47          |
| Local Extreme Terminal Net:                 |             |             |             |             |             |             |             |             |             |
| Nontreaty                                   | 0           | 0           | 0           | 19          | 19          | 19          | 266         | 269         | 270         |
| Treaty                                      | 425         | 424         | 422         | 258         | 259         | 259         | 2,031       | 2,055       | 2,054       |
| Test  | 203         | 203         | 202         |             |             |             |             |             |             |

TABLE 2: COHO FISHERY IMPACT S

| FISHERY                                     | MODEL RUN SOURCE | bc-             | bc-             | bc-             | bc-Coho1720             | bc-Coho1721             | bc-Coho1722             |
|---|------------------|-----------------|-----------------|-----------------|-------------------------|-------------------------|-------------------------|
|   |                  | Coho1720        | Coho1721        | Coho1722        |                         |                         |                         |
|   |                  | HOOD CANAL Wild | HOOD CANAL Wild | HOOD CANAL Wild | JUAN DE FUCA TRIBS Wild | JUAN DE FUCA TRIBS Wild | JUAN DE FUCA TRIBS Wild |
| Projected Spawning Escapement               |                  | 66,257          | 67,571          | 68,284          | 11,946                  | 12,176                  | 12,284                  |
| Spawning Low/Normal Esc. Breakpoint         |                  | 14,350          | 14,350          | 14,350          | 11,000                  | 11,000                  | 11,000                  |
| Projected Exploitation Rate (all fisheries) |                  | 42.8%           | 41. %           | 41.0%           | 8.8%                    | .9%                     | .1%                     |
| Exploitation Rate Ceiling (updated annu     |                  | 65.0%           | 65.0%           | 65.0%           | 40.0%                   | 40.0%                   | 40.0%                   |
| Exploitation in Southern U.S. Fisheries     |                  | 41.0%           | 39.8%           | 39.1%           | 7.0%                    | 5.2%                    | 4.3%                    |
| -   |                  |                 |                 |                 |                         |                         |                         |
| CANADIAN                                    |                  | 2,154           | 2,168           | 2,168           | 159                     | 159                     | 159                     |
| ALASKA                                      |                  | 31              | 32              | 32              | 69                      | 69                      | 69                      |
| S. of Falcon Troll                          |                  | 58              | 12              | 0               | 11                      | 2                       | 0                       |
| S. of Falcon Sport                          |                  | 67              | 59              | 0               | 65                      | 8                       | 0                       |
| NORTH OF CAPE FALCON OCEAN:                 |                  |                 |                 |                 |                         |                         |                         |
| Treaty Troll                                |                  | 4,408           | 2,444           | 1,388           | 398                     | 218                     | 122                     |
| NT Troll N. Leadbtrr                        |                  | 301             | 318             | 290             | 17                      | 25                      | 20                      |
| NT Troll S. Leadbtrr                        |                  | 76              | 70              | 59              | 14                      | 13                      | 11                      |
| Sport: Area 1                               |                  | 51              | 43              | 30              | 6                       | 5                       | 4                       |
| Buoy 10                                     |                  | 12              | 11              | 10              | 0                       | 0                       | 0                       |
| Area 2                                      |                  | 215             | 173             | 174             | 20                      | 16                      | 15                      |
| Area 3                                      |                  | 79              | 67              | 77              | 3                       | 3                       | 4                       |
| Area 4 *                                    |                  | 403             | 342             | 284             | 11                      | 10                      | 9                       |
| PUGET SOUND:                                |                  |                 |                 |                 |                         |                         |                         |
| Treaty Troll                                |                  | 173             | 173             | 172             | 49                      | 49                      | 48                      |
| Sport: Areas 5                              |                  | 1,559           | 1,583           | 1,616           | 159                     | 161                     | 164                     |
| Area 6                                      |                  | 126             | 128             | 131             | 13                      | 13                      | 13                      |
| Area 7                                      |                  | 42              | 42              | 41              | 0                       | 0                       | 0                       |
| Area 8-1,2                                  |                  | 10              | 10              | 10              | 0                       | 0                       | 0                       |
| Area 9                                      |                  | 1,033           | 1,032           | 1,024           | 2                       | 2                       | 1                       |
| Area 12                                     |                  | 2,486           | 2,484           | 2,467           | 0                       | 0                       | 0                       |
| Area 10                                     |                  | 1,028           | 1,027           | 1,016           | 2                       | 2                       | 2                       |
| Area 11                                     |                  | 358             | 358             | 354             | 0                       | 0                       | 0                       |
| Area 13                                     |                  | 14              | 14              | 14              | 0                       | 0                       | 0                       |
| Freshwater Sport                            |                  | 104             | 104             | 104             | 0                       | 0                       | 0                       |
| Pre-terminal Net:                           |                  |                 |                 |                 |                         |                         |                         |
| 6/7/7A NTTrty                               |                  | 98              | 99              | 98              | 15                      | 15                      | 15                      |
| 6/7/7A Trty                                 |                  | 222             | 223             | 222             | 38                      | 38                      | 37                      |
| 4B/5/6C NTTrty                              |                  | 0               | 0               | 0               | 0                       | 0                       | 0                       |
| 4B/5/6C Trty                                |                  | 279             | 279             | 277             | 53                      | 53                      | 53                      |
| Terminal Net:                               |                  |                 |                 |                 |                         |                         |                         |
| Skagit Bay (8) NTTrty                       |                  | 0               | 0               | 0               | 0                       | 0                       | 0                       |
| Skagit Bay (8) Trty                         |                  | 0               | 0               | 0               | 0                       | 0                       | 0                       |
| Area 8A NTrty                               |                  | 0               | 0               | 0               | 0                       | 0                       | 0                       |
| Area 8A Trty                                |                  | 96              | 98              | 98              | 0                       | 0                       | 0                       |
| Hood Canal NTTrty                           |                  | 7,139           | 7,281           | 7,383           | 13                      | 14                      | 14                      |
| Hood Canal Trty                             |                  | 19,246          | 19,633          | 19,898          | 24                      | 25                      | 26                      |
| South Pgt Snd NTTrty                        |                  | 157             | 159             | 160             | 1                       | 1                       | 1                       |
| South Pgt Snd Trty                          |                  | 1,159           | 1,164           | 1,160           | 5                       | 5                       | 5                       |
| B'ham Bay(7B) NTrty                         |                  | 7               | 7               | 7               | 0                       | 0                       | 0                       |
| B'ham Bay(7B) Trty                          |                  | 17              | 17              | 17              | 0                       | 0                       | 0                       |
| Local Extreme Terminal Net:                 |                  |                 |                 |                 |                         |                         |                         |
| Nontreaty                                   |                  | 643             | 657             | 667             | 0                       | 0                       | 0                       |
| Treaty                                      |                  | 5,813           | 5,935           | 6,025           | 0                       | 0                       | 0                       |
| Test  |                  |                 |                 |                 |                         |                         |                         |

TABLE 2: COHO FISHERY IMPACT S

| MODEL RUN SOURCE                            | bc-Coho1720       | bc-Coho1721       | bc-Coho1722       | bc-Coho1720     | bc-Coho1721     | bc-Coho1722     |
|---|-------------------|-------------------|-------------------|-----------------|-----------------|-----------------|
|   | SOUTH PUGET SOUND | SOUTH PUGET SOUND | SOUTH PUGET SOUND | NOOKSACK-SAMISH | NOOKSACK-SAMISH | NOOKSACK-SAMISH |
| STOCK                                       | Total             | Total             | Total             | Total           | Total           | Total           |
| <b>FISHERY</b>                              |                   |                   |                   |                 |                 |                 |
| Projected Spawning Escapement               | 41,061            | 42,145            | 43,530            | 14,897          | 15,261          | 15,666          |
| Spawning Low/Normal Esc. Breakpoint         |                   |                   |                   |                 |                 |                 |
| Projected Exploitation Rate (all fisheries) |                   |                   |                   |                 |                 |                 |
| Exploitation Rate Ceiling (updated annual)  |                   |                   |                   |                 |                 |                 |
| Exploitation in Southern U.S. Fisheries     |                   |                   |                   |                 |                 |                 |
| -   |                   |                   |                   |                 |                 |                 |
| CANADIAN                                    | 5,798             | 5,838             | 5,901             | 7,643           | 7,694           | 7,769           |
| ALASKA                                      | 7                 | 7                 | 7                 | 10              | 10              | 10              |
| S. of Falcon Troll                          | 50                | 10                | 0                 | 17              | 3               | 0               |
| S. of Falcon Sport                          | 251               | 140               | 0                 | 95              | 61              | 0               |
| NORTH OF CAPE FALCON OCEAN:                 |                   |                   |                   |                 |                 |                 |
| Treaty Troll                                | 4,115             | 2,309             | 1,349             | 2,024           | 1,122           | 640             |
| NT Troll N. Leadbtr                         | 410               | 610               | 230               | 109             | 157             | 67              |
| NT Troll S. Leadbtr                         | 125               | 137               | 73                | 23              | 27              | 14              |
| Sport: Area 1                               | 172               | 139               | 102               | 47              | 38              | 28              |
| Buoy 10                                     | 3                 | 3                 | 2                 | 2               | 2               | 1               |
| Area 2                                      | 639               | 531               | 138               | 239             | 197             | 58              |
| Area 3                                      | 106               | 89                | 34                | 61              | 51              | 21              |
| Area 4 *                                    | 1,270             | 1,081             | 230               | 638             | 544             | 114             |
| PUGET SOUND:                                |                   |                   |                   |                 |                 |                 |
| Treaty Troll                                | 79                | 78                | 79                | 9               | 9               | 9               |
| Sport: Areas 5                              | 6,121             | 6,218             | 6,440             | 1,598           | 1,623           | 1,678           |
| Area 6                                      | 405               | 413               | 428               | 111             | 113             | 117             |
| Area 7                                      | 134               | 134               | 134               | 495             | 496             | 497             |
| Area 8-1,2                                  | 85                | 84                | 85                | 0               | 0               | 0               |
| Area 9                                      | 2,323             | 2,324             | 2,336             | 23              | 23              | 23              |
| Area 12                                     | 0                 | 0                 | 0                 | 344             | 344             | 346             |
| Area 10                                     | 7,034             | 7,034             | 7,062             | 49              | 49              | 50              |
| Area 11                                     | 1,843             | 1,844             | 1,851             | 0               | 0               | 0               |
| Area 13                                     | 656               | 656               | 655               | 0               | 0               | 0               |
| Freshwater Sport                            | 11,854            | 11,858            | 11,859            | 2,688           | 2,687           | 2,686           |
| Pre-terminal Net:                           |                   |                   |                   |                 |                 |                 |
| 6/7/7A NTrty                                | 160               | 160               | 162               | 923             | 928             | 934             |
| 6/7/7A Trty                                 | 323               | 324               | 326               | 2,133           | 2,144           | 2,157           |
| 4B/5/6C NTrty                               | 0                 | 0                 | 0                 | 0               | 0               | 0               |
| 4B/5/6C Trty                                | 158               | 158               | 159               | 38              | 38              | 38              |
| Terminal Net:                               |                   |                   |                   |                 |                 |                 |
| Skagit Bay (8) NTrty                        | 0                 | 0                 | 0                 | 0               | 0               | 0               |
| Skagit Bay (8) Trty                         | 0                 | 0                 | 0                 | 0               | 0               | 0               |
| Area 8A Ntrty                               | 0                 | 0                 | 0                 | 66              | 66              | 66              |
| Area 8A Trty                                | 264               | 268               | 274               | 9               | 9               | 9               |
| Hood Canal NTrty                            | 200               | 205               | 210               | 13              | 14              | 15              |
| Hood Canal Trty                             | 402               | 410               | 423               | 23              | 25              | 25              |
| South Pgt Snd NTrty                         | 575               | 580               | 587               | 6               | 6               | 6               |
| South Pgt Snd Trty                          | 11,221            | 11,427            | 11,719            | 36              | 36              | 36              |
| B'ham Bay(7B) NTrty                         | 43                | 43                | 44                | 4,475           | 4,572           | 4,684           |
| B'ham Bay(7B) Trty                          | 104               | 107               | 110               | 11,283          | 11,527          | 11,811          |
| Local Extreme Terminal Net:                 |                   |                   |                   |                 |                 |                 |
| Nontreaty                                   |                   |                   |                   |                 |                 |                 |
| Treaty                                      | 25,977            | 26,511            | 27,213            | 9,655           | 9,865           | 10,122          |
| Test  |                   |                   |                   |                 |                 |                 |

TABLE 4: SUMMARY OF COHO EXPLOITATION RATES BY FISHERY AGGREGATE - PUGET SOUND

| FISHERY                                    | MODEL RUN SOURCE STOCK | bc-         | bc-         | bc-         | bc-         | bc-         | bc-         | bc-         | bc-         |             |
|--|------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|  |                        | Coho1720    | Coho1721    | Coho1722    | Coho1720    | Coho1721    | Coho1722    | Coho1720    | Coho1721    | Coho1722    |
|  |                        | Skagit Wild | Skagit Wild | Skagit Wild | Stilly Wild | Stilly Wild | Stilly Wild | Snohom Wild | Snohom Wild | Snohom Wild |
| Predicted Spawning Escapement              |                        | 9,316       | 9,504       | 9,616       | 6,802       | 6,890       | 6,941       | 88,617      | 89,836      | 90,548      |
| Ocean Escapement *                         |                        |             |             |             |             |             |             |             |             |             |
| RUN RECONSTRUCTION <sup>1</sup>            |                        |             |             |             |             |             |             |             |             |             |
| Ocean/Pre-term. Marine Fishery Mortality   |                        | 1,110       | 913         | 798         | 441         | 343         | 291         | 6,226       | 4,882       | 4,130       |
| Nonlocal Mixed-term. Fishery Mortality     |                        | 145         | 147         | 149         | 16          | 16          | 16          | 236         | 237         | 237         |
| Local Mixed-term. Marine Fishery Mortality |                        | 0           | 0           | 0           | 96          | 97          | 97          | 3,028       | 3,065       | 3,078       |
| Extreme Terminal & FW                      | NTRTY                  | 0           | 0           | 0           | 20          | 20          | 20          | 7,354       | 7,356       | 7,350       |
| Extreme Terminal & FW                      | TRTY                   | 425         | 424         | 422         | 258         | 259         | 259         | 2,031       | 2,055       | 2,054       |
| Extreme Terminal                           | TEST                   | 203         | 203         | 202         | 0           | 0           | 0           | 0           | 0           | 0           |
| Escapement <sup>2</sup>                    |                        | 9,316       | 9,504       | 9,616       | 6,802       | 6,890       | 6,941       | 88,617      | 89,836      | 90,548      |
| TOTAL ABUNDANCE <sup>3</sup>               |                        | 11,199      | 11,191      | 11,187      | 7,633       | 7,625       | 7,624       | 107,492     | 107,431     | 107,397     |
| TOTAL PREDICTED EXPL. RATE <sup>4</sup>    |                        | 16.8%       | 15.1%       | 14.0%       | 10.9%       | 9.6%        | 9.0%        | 17.6%       | 16.4%       | 15.7%       |
| -  |                        |             |             |             |             |             |             |             |             |             |
| Canada                                     |                        | 2.1%        | 2.1%        | 2.1%        | 1.0%        | 1.0%        | 1.0%        | 1.0%        | 1.0%        | 1.0%        |
| Alaska                                     |                        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        |
| -  |                        |             |             |             |             |             |             |             |             |             |
| Southern U.S. EXPL. RATE <sup>5</sup>      |                        | 14.7%       | 12.9%       | 11.9%       | 9.9%        | 8.6%        | 7.9%        | 16.5%       | 15.4%       | 14.7%       |
| -  |                        |             |             |             |             |             |             |             |             |             |
| S. Of Falcon Ocean                         |                        | 0.1%        | 0.0%        | 0.0%        | 0.1%        | 0.0%        | 0.0%        | 0.1%        | 0.0%        | 0.0%        |
| NOF Ocean Troll:                           | Ntrty                  | 0.2%        | 0.3%        | 0.2%        | 0.3%        | 0.3%        | 0.3%        | 0.3%        | 0.3%        | 0.2%        |
|  | Trty                   | 3.9%        | 2.2%        | 1.3%        | 2.5%        | 1.4%        | 0.8%        | 2.5%        | 1.4%        | 0.8%        |
| Ntrty NOF Ocean & Buoy10 Spt               |                        | 0.5%        | 0.4%        | 0.4%        | 0.4%        | 0.3%        | 0.2%        | 0.3%        | 0.3%        | 0.2%        |
| Total Ocean ER                             |                        | <b>4.8%</b> | <b>3.0%</b> | <b>1.9%</b> | <b>3.3%</b> | <b>2.0%</b> | <b>1.3%</b> | <b>3.2%</b> | <b>2.0%</b> | <b>1.3%</b> |
| Pgt Snd 5,6C Troll                         | Trty                   | 0.1%        | 0.1%        | 0.1%        | 0.1%        | 0.1%        | 0.1%        | 0.1%        | 0.1%        | 0.1%        |
| Pgt Snd 5,6 Sport                          |                        | 1.0%        | 1.0%        | 1.0%        | 0.6%        | 0.6%        | 0.7%        | 0.6%        | 0.6%        | 0.7%        |
| Pgt Snd 7 Sport                            |                        | 0.1%        | 0.1%        | 0.1%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        |
| Pgt Snd 8 Sport                            |                        | 0.0%        | 0.0%        | 0.0%        | 0.2%        | 0.2%        | 0.2%        | 0.2%        | 0.2%        | 0.2%        |
| Pgt Snd 9 Sport                            |                        | 0.3%        | 0.3%        | 0.3%        | 0.2%        | 0.2%        | 0.2%        | 0.2%        | 0.2%        | 0.2%        |
| Pgt Snd 10,11,13                           |                        | 0.3%        | 0.3%        | 0.3%        | 0.1%        | 0.1%        | 0.1%        | 0.1%        | 0.1%        | 0.1%        |
| Pgt Snd 12 Sport                           |                        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        |
| Pgt Snd Extreme Terminal & FW Sport        |                        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 6.6%        | 6.6%        | 6.6%        |
| PS Preterminal Net**:                      | Ntrty                  | 0.3%        | 0.3%        | 0.3%        | 0.1%        | 0.1%        | 0.1%        | 0.0%        | 0.0%        | 0.0%        |
|  | Trty                   | 0.9%        | 0.9%        | 0.9%        | 0.2%        | 0.2%        | 0.2%        | 0.2%        | 0.2%        | 0.2%        |
| Nonlocal Terminal Net:                     | Ntrty                  | 0.2%        | 0.2%        | 0.2%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        |
|  | Trty                   | 1.1%        | 1.1%        | 1.1%        | 0.2%        | 0.2%        | 0.2%        | 0.2%        | 0.2%        | 0.2%        |
| Local Terminal Net:                        | Ntrty                  | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        |
|  | Trty                   | 0.0%        | 0.0%        | 0.0%        | 1.3%        | 1.3%        | 1.3%        | 2.8%        | 2.9%        | 2.9%        |
| Extreme Terminal Net:                      | Ntrty                  | 0.0%        | 0.0%        | 0.0%        | 0.2%        | 0.2%        | 0.2%        | 0.2%        | 0.3%        | 0.3%        |
|  | Trty                   | 3.8%        | 3.8%        | 3.8%        | 3.4%        | 3.4%        | 3.4%        | 1.9%        | 1.9%        | 1.9%        |
| TEST                                       |                        | 1.8%        | 1.8%        | 1.8%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        | 0.0%        |
| SUS ER - Ntrty                             |                        | 4.1%        | 4.0%        | 3.8%        | 2.3%        | 2.1%        | 2.0%        | 8.9%        | 8.7%        | 8.6%        |
| SUS ER - Trty                              |                        | 10.6%       | 9.0%        | 8.1%        | 7.6%        | 6.5%        | 5.9%        | 7.7%        | 6.6%        | 6.0%        |
| SUS TOTAL                                  |                        | 14.7%       | 12.9%       | 11.9%       | 9.9%        | 8.6%        | 7.9%        | 16.5%       | 15.4%       | 14.7%       |
| Ocean SUS ER - Ntrty                       |                        | 0.9%        | 0.8%        | 0.6%        | 0.7%        | 0.6%        | 0.5%        | 0.7%        | 0.6%        | 0.5%        |
| Ocean SUS ER - Trty                        |                        | 3.9%        | 2.2%        | 1.3%        | 2.5%        | 1.4%        | 0.8%        | 2.5%        | 1.4%        | 0.8%        |
| Ocean SUS TOTAL                            |                        | 4.8%        | 3.0%        | 1.9%        | 3.3%        | 2.0%        | 1.3%        | 3.2%        | 2.0%        | 1.3%        |

TABLE 4: SUMMARY OF COHO EXPLC

| FISHERY                                    | MODEL RUN SOURCE STOCK | bc-         | bc-         | bc-         | bc-            | bc-            | bc-            |
|--|------------------------|-------------|-------------|-------------|----------------|----------------|----------------|
|  |                        | Coho1720    | Coho1721    | Coho1722    | Coho1720       | Coho1721       | Coho1722       |
|  |                        | HdCnl Wild  | HdCnl Wild  | HdCnl Wild  | JDF Tribs Wild | JDF Tribs Wild | JDF Tribs Wild |
| Predicted Spawning Escapement              |                        | 66,257      | 67,571      | 68,284      | 11,946         | 12,176         | 12,284         |
| Ocean Escapement *                         |                        |             |             |             |                |                |                |
| RUN RECONSTRUCTION <sup>1</sup>            |                        |             |             |             |                |                |                |
| Ocean/Pre-term. Marine Fishery Mortality   |                        | 15,283      | 13,191      | 11,954      | 1,104          | 861            | 746            |
| Nonlocal Mixed-term. Fishery Mortality     |                        | 1,436       | 1,445       | 1,442       | 43             | 45             | 46             |
| Local Mixed-term. Marine Fishery Mortality |                        | 26,385      | 26,914      | 27,281      | 0              | 0              | 0              |
| Extreme Terminal & FW                      | NTRTY                  | 747         | 761         | 771         | 0              | 0              | 0              |
| Extreme Terminal & FW                      | TRTY                   | 5,813       | 5,935       | 6,025       | 0              | 0              | 0              |
| Extreme Terminal                           | TEST                   | 0           | 0           | 0           | 0              | 0              | 0              |
| Escapement <sup>2</sup>                    |                        | 66,257      | 67,571      | 68,284      | 11,946         | 12,176         | 12,284         |
| TOTAL ABUNDANCE <sup>3</sup>               |                        | 115,921     | 115,817     | 115,757     | 13,093         | 13,082         | 13,076         |
| TOTAL PREDICTED EXPL. RATE <sup>4</sup>    |                        | 42.8%       | 41.7%       | 41.0%       | 8.8%           | 6.9%           | 6.1%           |
| -  |                        |             |             |             |                |                |                |
| Canada                                     |                        | 1.9%        | 1.9%        | 1.9%        | 1.2%           | 1.2%           | 1.2%           |
| Alaska                                     |                        | 0.0%        | 0.0%        | 0.0%        | 0.5%           | 0.5%           | 0.5%           |
| -  |                        |             |             |             |                |                |                |
| Southern U.S. EXPL. RATE <sup>5</sup>      |                        | 41.0%       | 39.8%       | 39.1%       | 7.0%           | 5.2%           | 4.3%           |
| -  |                        |             |             |             |                |                |                |
| S. Of Falcon Ocean                         |                        | 0.1%        | 0.1%        | 0.0%        | 0.6%           | 0.1%           | 0.0%           |
| NOF Ocean Troll:                           | Ntrty                  | 0.3%        | 0.3%        | 0.3%        | 0.2%           | 0.3%           | 0.2%           |
|  | Trty                   | 3.8%        | 2.1%        | 1.2%        | 3.0%           | 1.7%           | 0.9%           |
| Ntrty NOF Ocean & Buoy10 Spt               |                        | 0.7%        | 0.5%        | 0.5%        | 0.3%           | 0.3%           | 0.2%           |
| Total Ocean ER                             |                        | <b>4.9%</b> | <b>3.1%</b> | <b>2.0%</b> | <b>4.2%</b>    | <b>2.3%</b>    | <b>1.4%</b>    |
| Pgt Snd 5,6C Troll                         | Trty                   | 0.1%        | 0.1%        | 0.1%        | 0.4%           | 0.4%           | 0.4%           |
| Pgt Snd 5,6 Sport                          |                        | 1.5%        | 1.5%        | 1.5%        | 1.3%           | 1.3%           | 1.4%           |
| Pgt Snd 7 Sport                            |                        | 0.0%        | 0.0%        | 0.0%        | 0.0%           | 0.0%           | 0.0%           |
| Pgt Snd 8 Sport                            |                        | 0.0%        | 0.0%        | 0.0%        | 0.0%           | 0.0%           | 0.0%           |
| Pgt Snd 9 Sport                            |                        | 0.9%        | 0.9%        | 0.9%        | 0.0%           | 0.0%           | 0.0%           |
| Pgt Snd 10,11,13                           |                        | 1.2%        | 1.2%        | 1.2%        | 0.0%           | 0.0%           | 0.0%           |
| Pgt Snd 12 Sport                           |                        | 2.1%        | 2.1%        | 2.1%        | 0.0%           | 0.0%           | 0.0%           |
| Pgt Snd Extreme Terminal & FW Sport        |                        | 0.1%        | 0.1%        | 0.1%        | 0.0%           | 0.0%           | 0.0%           |
| PS Preterminal Net**:                      | Ntrty                  | 0.1%        | 0.1%        | 0.1%        | 0.1%           | 0.1%           | 0.1%           |
|  | Trty                   | 0.4%        | 0.4%        | 0.4%        | 0.7%           | 0.7%           | 0.7%           |
| Nonlocal Terminal Net:                     | Ntrty                  | 0.1%        | 0.1%        | 0.1%        | 0.1%           | 0.1%           | 0.1%           |
|  | Trty                   | 1.1%        | 1.1%        | 1.1%        | 0.2%           | 0.2%           | 0.2%           |
| Local Terminal Net:                        | Ntrty                  | 6.2%        | 6.3%        | 6.4%        |                |                |                |
|  | Trty                   | 16.6%       | 17.0%       | 17.2%       |                |                |                |
| Extreme Terminal Net:                      | Ntrty                  | 0.6%        | 0.6%        | 0.6%        | 0.0%           | 0.0%           | 0.0%           |
|  | Trty                   | 5.0%        | 5.1%        | 5.2%        | 0.0%           | 0.0%           | 0.0%           |
| TEST                                       |                        | 0.0%        | 0.0%        | 0.0%        | 0.0%           | 0.0%           | 0.0%           |
| SUS ER - Ntrty                             |                        | 13.9%       | 13.9%       | 13.8%       | 2.7%           | 2.2%           | 2.1%           |
| SUS ER - Trty                              |                        | 27.1%       | 25.9%       | 25.3%       | 4.3%           | 3.0%           | 2.2%           |
| SUS TOTAL                                  |                        | 41.0%       | 39.8%       | 39.1%       | 7.0%           | 5.2%           | 4.3%           |
| Ocean SUS ER - Ntrty                       |                        | 1.1%        | 0.9%        | 0.8%        | 1.1%           | 0.6%           | 0.5%           |
| Ocean SUS ER - Trty                        |                        | 3.8%        | 2.1%        | 1.2%        | 3.0%           | 1.7%           | 0.9%           |
| Ocean SUS TOTAL                            |                        | 4.9%        | 3.1%        | 2.0%        | 4.2%           | 2.3%           | 1.4%           |

Species: COHO Ver:2.17  
 Report: Stock Catch Summary  
 Title:March 13 PFMC Alternate 2 + NOF2  
 Stock:Skagit Unmarked

Date:4/4/2017  
 Time:12:26 AM

Total Mortality by Fishery To get ER % Divide # by 11,191 (Skagit Abundance)

| TOTAL<br>Fishery | MORTALITY ( CH+SHAKERS ) By Time Period for All Age Classes |      |        |           |         | Total |     |
|------------------|---|------|--------|-----------|---------|-------|-----|
|                  | Jan-June  | July | August | September | Oct-Dec |       |     |
| Area3TrlINT      |   | 2    | 3      | 4         | 3       | 0     | 12  |
| Area3TrlTR       |   | 1    | 6      | 15        | 6       | 0     | 28  |
| Area 3 Spt       |   | 0    | 1      | 1         | 0       | 0     | 2   |
| Area 4 Spt       |   | 2    | 12     | 16        | 3       | 0     | 33  |
| A4/4BTrlINT      |   | 1    | 0      | 0         | 0       | 0     | 2   |
| A4/4BTrlTR       |   | 11   | 75     | 85        | 55      | 17    | 242 |
| A 5-6C Trl       |   | 0    | 0      | 1         | 3       | 2     | 6   |
| A4B6CNetTR       |   | 0    | 1      | 10        | 2       | 2     | 15  |
| A6-7ANetNT       |   | 0    | 0      | 9         | 22      | 12    | 43  |
| A6-7ANetTR       |   | 0    | 0      | 18        | 44      | 33    | 95  |
| Area 5 Spt       |   | 0    | 18     | 40        | 53      | 0     | 111 |
| Area 6 Spt       |   | 0    | 0      | 3         | 6       | 0     | 9   |
| Area 7 Spt       |   | 0    | 1      | 2         | 12      | 1     | 16  |
| A7BCDNetNT       |   | 0    | 0      | 0         | 20      | 1     | 22  |
| A7BCDNetTR       |   | 0    | 0      | 0         | 49      | 5     | 55  |
| Skag R Net       |   | 0    | 0      | 0         | 0       | 454   | 454 |
| SkagR TsNet      |   | 0    | 0      | 0         | 0       | 233   | 233 |
| Ar 8-1 Spt       |   | 0    | 0      | 0         | 0       | 1     | 1   |
| Area 9 Spt       |   | 0    | 7      | 17        | 5       | 14    | 43  |
| Ar8A NetTR       |   | 0    | 0      | 0         | 62      | 4     | 66  |
| Ar 8-2 Spt       |   | 0    | 0      | 0         | 1       | 0     | 1   |
| Ar 10 Spt        |   | 1    | 7      | 6         | 9       | 1     | 24  |
| Ar10 NetNT       |   | 0    | 0      | 0         | 1       | 0     | 1   |
| Ar10 NetTR       |   | 0    | 0      | 0         | 8       | 1     | 9   |
| Ar 11 Spt        |   | 1    | 0      | 2         | 2       | 1     | 6   |
| Ar11 NetTR       |   | 0    | 0      | 0         | 2       | 0     | 2   |
| Ar 13 Spt        |   | 2    | 0      | 0         | 1       | 0     | 3   |
| Ar 12 Spt        |   | 0    | 0      | 0         | 0       | 1     | 1   |
| 1212BNetNT       |   | 0    | 0      | 0         | 0       | 3     | 3   |
| 1212BNetTR       |   | 0    | 0      | 0         | 0       | 3     | 4   |
| Ar9ANetTR        |   | 0    | 0      | 0         | 0       | 1     | 1   |
| No BC Trl        |   | 0    | 1      | 0         | 0       | 0     | 2   |
| NW VI Trl        |   | 0    | 0      | 0         | 1       | 0     | 1   |
| SW VI Trl        |   | 0    | 0      | 2         | 6       | 0     | 8   |
| SW VI Net        |   | 1    | 0      | 0         | 0       | 0     | 2   |
| Johnst Net       |   | 0    | 0      | 0         | 7       | 1     | 9   |
| JStrBC Spt       |   | 1    | 3      | 0         | 0       | 0     | 4   |
| BC JDF Spt       |   | 12   | 20     | 9         | 14      | 7     | 62  |
| WC VI Spt        |   | 1    | 96     | 51        | 2       | 0     | 150 |
| NGaStr Spt       |   | 10   | 6      | 1         | 1       | 0     | 19  |
| SGaStr Spt       |   | 3    | 2      | 0         | 0       | 0     | 5   |