



**DRAFT AGENDA**  
**PSC Fraser River Panel Meeting**  
**Via Zoom Webinar: <https://psc-org.zoom.us/j/85284137826>**

**FRP meeting: Tuesday, August 12, 2025 at 11 am**

|                                         |                                                                                      |        |                 |
|-----------------------------------------|--------------------------------------------------------------------------------------|--------|-----------------|
| 1)                                      | Roll Call (Panel and Tech members, others please email Angela Xu, frontdesk@psc.org) | 5 min  |                 |
| 2)                                      | Webinar Etiquette: mute phone & chat feature                                         | 2 min  |                 |
| <input checked="" type="checkbox"/> 3)  | Agenda                                                                               | 5 min  |                 |
| <b>4)</b>                               | <b>Overview of run and catch status</b>                                              | 5 min  | PSC staff       |
| <input checked="" type="checkbox"/>     | a) Accounted run to date relative to forecast and adopted run sizes                  |        |                 |
| <input checked="" type="checkbox"/>     | b) Catch-to-date by fishery                                                          |        |                 |
| <input checked="" type="checkbox"/>     | c) Release mortalities                                                               |        |                 |
| <input checked="" type="checkbox"/>     | d) TAC table                                                                         |        |                 |
| <b>5)</b>                               | <b>Biological information</b>                                                        | 20 min | PSC staff       |
| <input checked="" type="checkbox"/>     | a) Test fishing catches and acoustics summary                                        |        |                 |
| <input checked="" type="checkbox"/>     | b) Comparison of predictions from Mission to Qualark                                 |        |                 |
| <input type="checkbox"/>                | c) Species composition review                                                        |        |                 |
| <input checked="" type="checkbox"/>     | d) Stock Identification review                                                       |        |                 |
|                                         | e) Management Adjustment (MA) considerations                                         |        |                 |
| <input checked="" type="checkbox"/>     | i) Environmental report                                                              |        |                 |
| <input checked="" type="checkbox"/>     | ii) pDBE forecast and sensitivity analysis                                           |        |                 |
| <input checked="" type="checkbox"/>     | iii) Current temperatures in areas of the Fraser Watershed                           |        |                 |
| <input type="checkbox"/>                | iv) TNG Taskforce Update                                                             |        |                 |
| <input type="checkbox"/>                | v) Report on fish condition                                                          |        | DFO             |
| <input type="checkbox"/>                | vi) Spawning ground reports                                                          |        | DFO             |
| <b>6)</b>                               | <b>Assessment information</b>                                                        |        | PSC staff       |
| <input checked="" type="checkbox"/>     | a) Daily migration graphs                                                            |        |                 |
| <input checked="" type="checkbox"/>     | b) Predicted abundance en route to Mission                                           |        |                 |
| <input checked="" type="checkbox"/>     | c) Diversion rate                                                                    |        |                 |
| <input type="checkbox"/>                | d) Technical assessment information                                                  |        |                 |
| <input checked="" type="checkbox"/>     | e) Run size and timing estimates                                                     |        |                 |
| <input type="checkbox"/>                | f) Predicted allowable harvest based on run size and DBE scenarios                   |        |                 |
| <input checked="" type="checkbox"/>     | g) Criteria for fishing decisions table                                              |        |                 |
| <input checked="" type="checkbox"/>     | h) Catch evaluation                                                                  |        |                 |
| <b>7)</b>                               | <b>Recommendations on run size, migration timing and MA</b>                          |        |                 |
| <input checked="" type="checkbox"/>     | a) PSC recommendations                                                               |        | PSC staff       |
|                                         | b) Canadian and/or U.S. recommendations                                              |        | Panel           |
|                                         | c) Panel decision                                                                    |        |                 |
| <b>8)</b>                               | <b>Fisheries recommendations</b>                                                     |        |                 |
|                                         | a) Canadian and U.S. proposals                                                       |        | Panel           |
|                                         | b) Staff evaluation                                                                  |        | PSC staff       |
|                                         | c) Canadian and U.S. evaluation                                                      |        | Panel           |
|                                         | d) Panel decision                                                                    |        |                 |
| <input type="checkbox"/> 9)             | Assessments from other areas                                                         | 5 min  | PSC staff       |
| <input checked="" type="checkbox"/> 10) | Other business: Pay fish memo                                                        | 5 min  | Panel           |
| <input checked="" type="checkbox"/> 11) | Next FRP meeting and agenda                                                          | 2 min  | PSC staff/Panel |
|                                         | 12) Next TC meeting:                                                                 |        | PSC staff       |
| <input checked="" type="checkbox"/> 13) | Data acknowledgements                                                                |        |                 |

Legend: ☒ Content included in the distribution

☐ Not included in the distribution due to not relevant for this meeting or no (new) information

## 4a. Accounted run to date relative to forecast and adopted runsizes

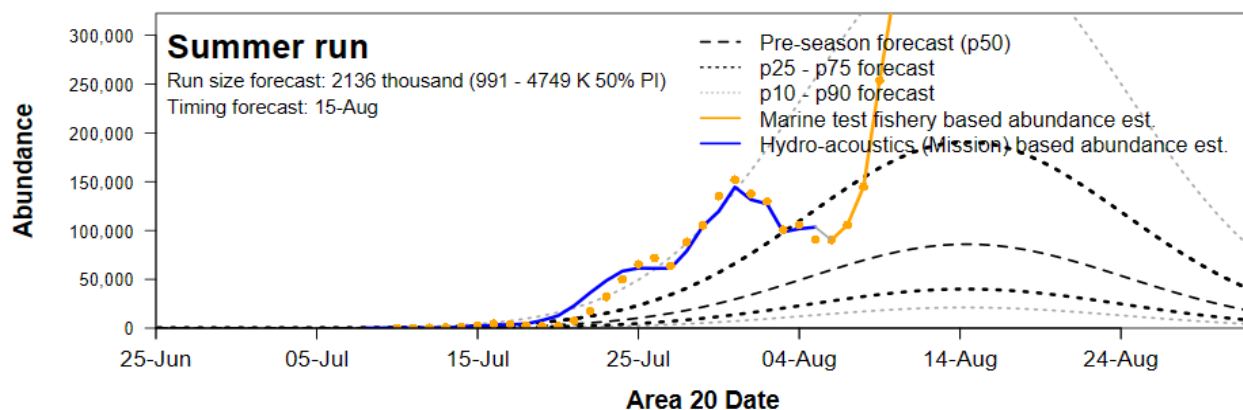
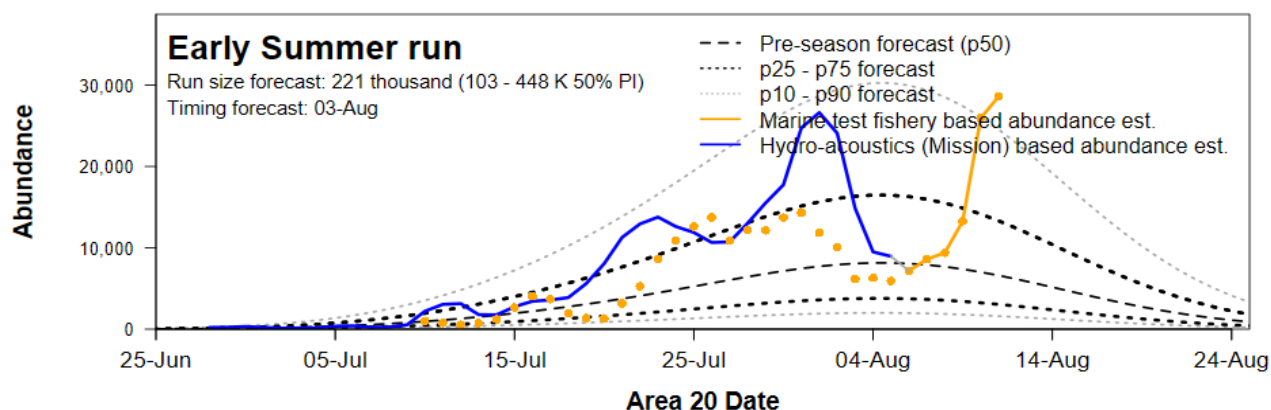
## 2025 Run status of Fraser sockeye and pink salmon

Date: Aug. 12, 2025

The information presented in this distribution has been prepared by PSC Secretariat staff and should be considered preliminary until reviewed by the Fraser River Panel

| Week of: Aug. 10 - Aug. 16, 2025                   | Sockeye          |          |           |         |                                    | Pink       |
|----------------------------------------------------|------------------|----------|-----------|---------|------------------------------------|------------|
|                                                    | Management Group |          |           |         | Total                              | Total      |
|                                                    | E.Stuart         | E.Summer | Summer    | Late    | Fraser                             | Fraser     |
| Mission passage (inclds Pitt, Alouette, Coquitlam) | 731,900          | 274,100  | 1,328,200 | 39,500  | 2,373,700                          | 17,900     |
| Catch downstream of Mission                        | 3,900            | 13,200   | 152,900   | 17,000  | 187,000                            | 16,000     |
| Accounted Run To Date                              | 735,800          | 287,300  | 1,481,100 | 56,500  | 2,560,700                          | 33,800     |
| Run size adopted in-season <sup>1</sup>            | 725,000          | 390,000  | 4,800,000 | na      | na                                 | na         |
| Run size forecasted pre-season                     | 116,000          | 221,000  | 2,136,000 | 468,000 | 2,941,000                          | 26,965,000 |
| Area 20 timing adopted in-season                   | 6-Jul            | 1-Aug    | 11-Aug    | na      | na                                 | na         |
| Area 20 timing expected pre-season                 | 8-Jul            | 3-Aug    | 15-Aug    | 20-Aug  | 14-Aug                             | 21-Aug     |
| Johnstone Str. Diversion Rate                      |                  |          |           |         | In-season 5-day average            | 14%        |
|                                                    |                  |          |           |         | Preseason forecast of annual rate: | 64%        |
|                                                    |                  |          |           |         |                                    | 36%        |

<sup>1</sup> Run sizes are usually not adopted until after the peak of the run has passed through marine test fishery areas in Juan de Fuca and Johnstone straits.



## 4b. Catch-to-date by fishery

## 2025 Catch-to-date by fishery

Date: Aug. 12, 2025

| Week of: Aug. 10 - Aug. 16, 2025     |                                                             | Sockeye        |                | Pink          |               |
|--------------------------------------|-------------------------------------------------------------|----------------|----------------|---------------|---------------|
|                                      |                                                             | Total          | Fraser         | Total         | Fraser        |
| <b>Canada</b>                        |                                                             | <b>182,015</b> | <b>176,734</b> | <b>58,884</b> | <b>15,150</b> |
|                                      | <b>Commercial</b>                                           | <b>0</b>       | <b>0</b>       | <b>0</b>      | <b>0</b>      |
|                                      | B Purse Seine                                               | 0              | 0              | 0             | 0             |
|                                      | H Troll                                                     | 0              | 0              | 0             | 0             |
|                                      | <b>First Nations</b>                                        | <b>177,007</b> | <b>171,726</b> | <b>58,588</b> | <b>15,150</b> |
|                                      | Food, Social & Ceremonial (FSC)                             | 177,007        | 171,726        | 58,588        | 15,150        |
|                                      | Marine                                                      | 169,599        | 164,318        | 58,588        | 15,150        |
|                                      | Fraser R.                                                   | 7,408          | 7,408          | 0             | 0             |
|                                      | Economic Opportunity (EO) & Demonstration (Demo)            | 0              | 0              | 0             | 0             |
|                                      | <b>Single Stock FSC (SS FSC)</b>                            | <b>0</b>       | <b>0</b>       | <b>0</b>      | <b>0</b>      |
|                                      | <b>Recreational</b>                                         | <b>0</b>       | <b>0</b>       | <b>296</b>    | <b>0</b>      |
|                                      | <b>Charter (Albion &amp; A12 Chum test fishery)</b>         | <b>254</b>     | <b>254</b>     | <b>0</b>      | <b>0</b>      |
|                                      | <b>Other****</b>                                            | <b>4,754</b>   | <b>4,754</b>   | <b>0</b>      | <b>0</b>      |
| <b>United States</b>                 |                                                             | <b>0</b>       | <b>0</b>       | <b>0</b>      | <b>0</b>      |
|                                      | <b>Commercial</b>                                           | <b>0</b>       | <b>0</b>       | <b>0</b>      | <b>0</b>      |
|                                      | Treaty Tribes (TRB)                                         | 0              | 0              | 0             | 0             |
|                                      | All Citizen (AC)                                            | 0              | 0              | 0             | 0             |
|                                      | <b>Treaty Tribes Ceremonial &amp; Subsistence (C&amp;S)</b> | <b>0</b>       | <b>0</b>       | <b>0</b>      | <b>0</b>      |
|                                      | <b>All Citizen Recreational</b>                             | <b>0</b>       | <b>0</b>       | <b>0</b>      | <b>0</b>      |
|                                      | <b>Other****</b>                                            | <b>0</b>       | <b>0</b>       | <b>0</b>      | <b>0</b>      |
|                                      | <b>Alaska *</b>                                             | <b>na</b>      | <b>na</b>      | <b>na</b>     | <b>na</b>     |
| <b>Panel-approved Test Fisheries</b> |                                                             | <b>20,271</b>  | <b>19,536</b>  | <b>3,233</b>  | <b>802</b>    |
|                                      | <b>Panel Waters</b>                                         | <b>14,918</b>  | <b>14,667</b>  | <b>1,968</b>  | <b>591</b>    |
|                                      | Canada                                                      | 14,174         | 13,937         | 1,156         | 289           |
|                                      | U.S.                                                        | 744            | 730            | 812           | 302           |
|                                      | <b>Non-Panel Waters**</b>                                   | <b>5,353</b>   | <b>4,869</b>   | <b>1,265</b>  | <b>210</b>    |
| <b>Total</b>                         |                                                             | <b>202,286</b> | <b>196,270</b> | <b>62,117</b> | <b>15,952</b> |
| Catch Seaward of Mission ***         |                                                             | 192,981        | 186,965        | 62,117        | 15,952        |
| Catch Upstream of Mission            |                                                             | 9,305          | 9,305          | 0             | 0             |

\* Alaska data are processed post-season and so are unavailable in-season.

\*\* Includes Qualark

\*\*\* All catches in marine areas and in the Fraser River downstream of Mission.

\*\*\*\* May include unauthorized directed retention or unauthorized bycatch retention in fisheries directed at other species

## 4c. Release mortalities

## 2025 Release Mortalities-to-date by fishery

(release mortalities are excluded from catch)

Date: Aug. 12, 2025

| Week of: Aug. 10 - Aug. 16, 2025     |                                              | Sockeye releases |                | Release mortality |               |
|--------------------------------------|----------------------------------------------|------------------|----------------|-------------------|---------------|
|                                      |                                              | Total            | Fraser         | Total             | Fraser        |
| <b>Canada</b>                        |                                              | <b>1,737</b>     | <b>1,737</b>   | <b>44</b>         | <b>44</b>     |
|                                      | <b>Commercial</b>                            | <b>0</b>         | <b>0</b>       | <b>0</b>          | <b>0</b>      |
|                                      | B Purse Seine                                | 0                | 0              | 0                 | 0             |
|                                      | H Troll                                      | 0                | 0              | 0                 | 0             |
|                                      | <b>First Nations ****</b>                    | <b>1,663</b>     | <b>1,663</b>   | <b>40</b>         | <b>40</b>     |
|                                      | Food, Social & Ceremonial (FSC)              | 1,663            | 1,663          | 40                | 40            |
|                                      | Marine                                       | 0                | 0              | 0                 | 0             |
|                                      | Fraser R.                                    | 1,663            | 1,663          | 40                | 40            |
|                                      | Economic Opportunity (EO) & Demon:           | 0                | 0              | 0                 | 0             |
|                                      | Single Stock FSC (SS FSC)                    | 0                | 0              | 0                 | 0             |
|                                      | Recreational                                 | 0                | 0              | 0                 | 0             |
|                                      | Charter (Albion & A12 Chum test fishery)     | 0                | 0              | 0                 | 0             |
|                                      | Other**                                      | 74               | 74             | 5                 | 5             |
| <b>United States</b>                 |                                              | <b>0</b>         | <b>0</b>       | <b>0</b>          | <b>0</b>      |
|                                      | <b>Commercial</b>                            | <b>0</b>         | <b>0</b>       | <b>0</b>          | <b>0</b>      |
|                                      | Treaty Tribes (TRB)                          | 0                | 0              | 0                 | 0             |
|                                      | All Citizen (AC)                             | 0                | 0              | 0                 | 0             |
|                                      | Treaty Tribes Ceremonial & Subsistence (C&S) | 0                | 0              | 0                 | 0             |
|                                      | All Citizen Recreational                     | 0                | 0              | 0                 | 0             |
|                                      | Other**                                      | 0                | 0              | 0                 | 0             |
|                                      | Alaska *                                     | na               | na             | na                | na            |
| <b>Panel-approved Test Fisheries</b> |                                              | <b>129,560</b>   | <b>119,328</b> | <b>12522</b>      | <b>11,953</b> |
|                                      | <b>Panel Waters</b>                          | <b>129,559</b>   | <b>119,327</b> | <b>12522</b>      | <b>11,952</b> |
|                                      | Canada                                       | 124,782          | 119,327        | 12498             | 11,952        |
|                                      | U.S.                                         | 4,777            | 0              | 24                | 0             |
|                                      | <b>Non-Panel Waters</b>                      | <b>1</b>         | <b>1</b>       | <b>1</b>          | <b>1</b>      |
| <b>Total</b>                         |                                              | <b>131,297</b>   | <b>121,065</b> | <b>12566</b>      | <b>11,997</b> |
| Catch Seaward of Mission ***         |                                              | 129,559          | 119,327        | 12525             | 11,956        |
| Catch Upstream of Mission            |                                              | 1,721            | 1,721          | 41                | 41            |

\* Alaska does not report release mortalities

\*\*May include releases and release mortalities unauthorized directed retention or unauthorized bycatch retention in fisheries directed at other species

\*\*\* All releases and release mortalities in marine areas and in the Fraser River downstream of Mission.

\*\*\*\* As of Aug 7, these releases include 1,597 dipnet/rod and reel releases in a sanctioned Chinook fishery

## 4d. TAC table

|                                                       |  | Fraser Sockeye |              |           |         |           | Fraser Pinks |       |           |
|-------------------------------------------------------|--|----------------|--------------|-----------|---------|-----------|--------------|-------|-----------|
|                                                       |  | Early Stuart   | Early Summer | Summer    | Lates   | Total     | Total        |       |           |
| RUN STATUS, ESCAPEMENT NEEDS & AVAILABLE SURPLUS      |  |                |              |           |         |           |              |       |           |
| Pre-season or Adopted In-season Run Size              |  | 725,000        | 390,000      | 4,800,000 | 468,000 | 6,383,000 | 26,965,000   |       |           |
| Adult Spawning Escapement Target (SET)                |  | 580,000        | 195,000      | 2,400,000 | 346,500 | 3,521,500 | 8,089,500    |       |           |
| %SET from TAM rules                                   |  | 80%            | 50%          | 50%       | 74%     |           | 30%          |       |           |
| Management Adjustment (MA)                            |  | 1,078,800      | 105,300      | 960,000   | 540,540 | 2,684,640 | 0            |       |           |
| Proportional MA (pMA)                                 |  | 1.86           | 0.54         | 0.40      | 1.56    |           | 0.00         |       |           |
| Adjusted Spawning Escapement Target (SET) *           |  | 725,000        | 300,300      | 3,360,000 | 468,000 | 4,853,300 | 8,089,500    |       |           |
| Test Fishing (TF)                                     |  | 5,500          | 3,400        | 29,350    | 5,530   | 43,780    | 90,000       |       |           |
| Surplus above Adjusted SET & Test fishing             |  | 0              | 86,300       | 1,410,650 | 0       | 1,496,950 | 18,785,500   |       |           |
| DEDUCTIONS & TAC FOR INTERNATIONAL SHARING            |  |                |              |           |         |           |              |       |           |
| Aboriginal Fishery Exemption (AFE)                    |  | 0              | 23,887       | 376,113   | 0       | 400,000   | 0            |       |           |
| Total Deductions (Adj. SET + TF + Available AFE)      |  | 730,500        | 327,587      | 3,765,463 | 473,530 | 5,297,080 | 8,179,500    |       |           |
| Available TAC for International Sharing               |  | 0              | 62,413       | 1,034,537 | 0       | 1,096,950 | 18,785,500   |       |           |
| UNITED STATES (Washington) TAC                        |  |                |              |           |         |           |              |       |           |
| Proportionally Distributed TAC **                     |  | 16.5%          | 0            | 10,300    | 170,700 | 0         | 181,000      | 25.7% | 4,827,870 |
| U.S. Payback **                                       |  | -0.2%          | 0            | -140      | -2,250  | 0         | -2,390       |       | 0         |
| Proportionally Distributed TAC + Payback              |  | 0              | 10,160       | 168,450   | 0       | 178,610   | 4,827,870    |       |           |
| Treaty Tribes Share **                                |  | 67.7%          | 0            | 6,830     | 113,310 | 0         | 120,140      | 50.0% | 2,413,935 |
| All Citizen Share                                     |  | 32.3%          | 0            | 3,330     | 55,140  | 0         | 58,470       | 50.0% | 2,413,935 |
| CANADA TAC                                            |  |                |              |           |         |           |              |       |           |
| Aboriginal Fishery Exemption (AFE)                    |  | 0              | 23,887       | 376,113   | 0       | 400,000   | 0            |       |           |
| Canadian TAC + AFE                                    |  | 0              | 76,140       | 1,242,200 | 0       | 1,318,340 | 13,957,630   |       |           |
| CATCH-TO-DATE                                         |  |                |              |           |         |           |              |       |           |
| Test                                                  |  | 5,310          | 2,010        | 11,620    | 590     | 19,540    | 800          |       |           |
| Treaty Tribes (Wash.) / Ceremonial (TRB)              |  | 0              | 0            | 0         | 0       | 0         | 0            |       |           |
| All Citizen (Wash.)                                   |  | 0              | 0            | 0         | 0       | 0         | 0            |       |           |
| Other (Wash.)***                                      |  | 0              | 0            | 0         | 0       | 0         | 0            |       |           |
| Washington                                            |  | 0              | 0            | 0         | 0       | 0         | 0            |       |           |
| First Nations Catch (including AFE)                   |  | 790            | 11,560       | 142,970   | 16,400  | 171,730   | 15,150       |       |           |
| Planned Charter & Recreational Shares                 |  | 60             | 30           | 160       | 7       | 254       | 0            | 0     |           |
| Other***                                              |  | 2,650          | 720          | 1,380     | 0       | 4,750     | 0            | 0     |           |
| Total Commercial (including FN EO/Demo****)           |  | 0              | 0            | 0         | 0       | 0         | 0            | 0     |           |
| Canada                                                |  | 3,500          | 12,310       | 144,510   | 16,410  | 176,730   | 15,150       |       |           |
| Total Catch in All Fisheries                          |  | 8,810          | 14,320       | 156,130   | 17,000  | 196,270   | 15,950       |       |           |
| Exploitation Rate (catch-to-date / run size)          |  | 1.2%           | 3.7%         | 3.3%      | 3.6%    | 3.1%      | 0.1%         |       |           |
| Fisheries induced mortalities (Canada, U.S. & TF)     |  | 77             | 692          | 9,794     | 1,434   | 11,997    |              |       |           |
| Exploit. Rate with fishery-induced mortality included |  | 1.2%           | 3.8%         | 3.5%      | 3.9%    | 3.3%      |              |       |           |
| CATCH REMAINING (BALANCE)                             |  |                |              |           |         |           |              |       |           |
| Washington                                            |  | 0              | 10,160       | 168,450   | 0       | 178,610   | 4,827,870    |       |           |
| Canada                                                |  | -3,500         | 63,830       | 1,097,690 | -16,410 | 1,141,610 | 13,942,480   |       |           |
| Balance Remaining [ below share / -above share]       |  | -3,500         | 73,990       | 1,266,140 | -16,410 | 1,320,220 | 18,770,350   |       |           |

\* The adjusted SET is the lesser of the run size or the sum of the MA + TAM - defined SET.

\*\* Washington sockeye and pink shares according to Annex IV of the Pacific Salmon Treaty.

Sockeye: 16.5% of the TAC - payback (maximum of 5% of share).

Pink: 25.7% of the TAC - payback (maximum of 5% of share)

\*\*\* May include unauthorized directed retention or unauthorized bycatch retention in fisheries directed at other species.

\*\*\*\* EO = FN Economic Opportunity fisheries; Demo = FN Demonstration fisheries.

## 5a\_Test Fishing &amp; Escapement Summary\_Sockeye

## 2025 Fraser Sockeye Test Fishing &amp; Escapement Summary

| Area/Gear Location From A20 | Johnstone Strait                | Juan de Fuca Strait                |                                                | Fraser River                              |                                    |                                    |                       |                                  |                     |                                                              |                     |                                                    |
|-----------------------------|---------------------------------|------------------------------------|------------------------------------------------|-------------------------------------------|------------------------------------|------------------------------------|-----------------------|----------------------------------|---------------------|--------------------------------------------------------------|---------------------|----------------------------------------------------|
|                             | A12 PS<br>Blinkhorn<br>(-1 day) | A20 PS<br>Port Renfrew<br>(0 days) | A7 RN <sup>1</sup><br>San Juan Is<br>(+3 days) | A29-17 GN<br>Brownsville Bar<br>(+5 days) | A29-16 GN<br>Whonnock<br>(+6 days) | Whon CPUE<br>Estimate<br>(+6 days) | GN Catch<br>(+8 days) | Qualark<br>Estimate <sup>2</sup> | Method <sup>3</sup> | Mission Hydroacoustics<br>Estimate <sup>4</sup><br>(+6 days) | Method <sup>5</sup> | Hells Gate<br>Estimates <sup>6</sup><br>(+10 days) |
| 22-Jul                      |                                 |                                    |                                                | 17                                        | 17                                 | 1.56                               | 57                    | 16,765                           | RB + LB             | 22,200                                                       | A1+M2+A2            | 15,390                                             |
| 23-Jul                      |                                 |                                    |                                                | 24                                        | 18                                 | 1.63                               | 61                    | 20,134                           | RB + LB             | 15,600                                                       | A1+M2+A2            | 11,990                                             |
| 24-Jul                      | 850 (5 sets)                    |                                    |                                                | 29                                        | 13                                 | 1.22                               | 69                    | 21,005                           | RB + LB             | 15,900                                                       | A1+M2+A2            | 16,040                                             |
| 25-Jul                      | 35 (5 sets)                     | 1,612                              |                                                | 86                                        | 36                                 | 3.18                               | 48                    | 17,172                           | RB + LB             | 21,100                                                       | A1+M2+A2            | 9,180                                              |
| 26-Jul                      | 1,180                           | 1,624                              |                                                | 105                                       | 71                                 | 5.81                               | 34                    | 14,801                           | RB + LB             | 29,800                                                       | A1+M2+A2            | 2,920                                              |
| 27-Jul                      | 1,159                           | 1,252                              |                                                | 125                                       | 58                                 | 4.80                               | 30                    | 16,386                           | RB + LB             | 40,100                                                       | A1+M2+A2            | 430                                                |
| 28-Jul                      | 8,530                           | 142 (5 sets)                       |                                                | 112                                       | 120                                | 9.55                               | 53                    | 24,694                           | RB + LB             | 56,600                                                       | A1+M2+A2            | 570                                                |
| 29-Jul                      | 7,240                           | 791                                |                                                | 157                                       | 14                                 | 1.27                               | 48                    | 35,144                           | RB + LB             | 68,400                                                       | A1+M2+A2            | No Count                                           |
| 30-Jul                      | 7,847                           | 494                                |                                                | 241                                       | 11                                 | 1.05                               | 74                    | 50,854                           | RB + LB             | 70,100                                                       | A1+M2+A2            | 5,030                                              |
| 31-Jul                      | 15,310                          | 1,592                              |                                                | 218                                       | 8                                  | 0.75                               | 83                    | 62,386                           | RB + LB             | 78,400                                                       | A1+M2+A2            | 6,430                                              |
| 1-Aug                       | 2,384                           | 3,000                              |                                                | 244                                       | 53                                 | 4.16                               | 79                    | 62,707                           | RB + LB             | 75,700                                                       | A1+M2+A2            | No Count                                           |
| 2-Aug                       | 5,140                           | 1,214                              |                                                | 435                                       | 78                                 | 6.25                               | 64                    | 58,059                           | RB + LB             | 65,100                                                       | A1+M2+A2            | 53,570                                             |
| 3-Aug                       | 4519 (5 sets)                   | 973                                |                                                | 490                                       | 96                                 | 7.57                               | 68                    | 53,426                           | RB + LB             | 77,300                                                       | A1+M2+A2            | 60,260                                             |
| 4-Aug                       | 2,530                           | 961                                |                                                | 289                                       | 214                                | 17.12                              | 100                   | 72,384                           | RB + LB             | 132,600                                                      | A1+M2+A2            | 34,070                                             |
| 5-Aug                       | 1 (2 sets)                      | 1,377                              |                                                | 147                                       | 210                                | 16.80                              | 54                    | 55,497                           | RB + LB             | 149,900                                                      | A1+M2+A2            | No Count                                           |
| 6-Aug                       | 913                             | 1,080                              |                                                | 137                                       | 210                                | 16.80                              | 120                   | 122,031                          | RB + LB             | 127,600                                                      | A1+M2+A2            | No Count                                           |
| 7-Aug                       | 1,312                           | 5,420                              |                                                | 167                                       | 397                                | 31.76                              | 165                   | 134,398                          | RB + LB             | 226,700                                                      | A1+M2+A2            | 109,740                                            |
| 8-Aug                       | 2,265                           | 6,422                              | 1,645                                          | 316                                       | 209                                | 16.72                              | 105                   | 104,085                          | RB + LB             | 110,300                                                      | A1+M2+A2            | 78,090                                             |
| 9-Aug                       | 8,274                           | 8,195                              | 1,097                                          | 106                                       | 114                                | 9.12                               | 116                   | 113,425                          | RB + LB             | 102,200                                                      | A1+M2+A2            | No Count                                           |
| 10-Aug                      | 4782 (4 sets)                   | 15,810                             | 2,035                                          | 210                                       | 127                                | 10.16                              | 74                    | 71,850                           | RB + LB             | 100,900                                                      | A1+M2+A2            | 45,300                                             |
| 11-Aug                      | 8,176                           | 15060 (5 sets)                     |                                                | 212                                       | 200                                | 16.00                              | 54                    |                                  |                     | 93,200                                                       | A1+M2+A2            | No Count                                           |
| 12-Aug                      |                                 |                                    |                                                |                                           |                                    |                                    |                       |                                  |                     |                                                              |                     |                                                    |
| 13-Aug                      |                                 |                                    |                                                |                                           |                                    |                                    |                       |                                  |                     |                                                              |                     |                                                    |

<sup>1</sup> Area 7 Reefnet test fishery is for observation of fish presence and species composition. Vessels are operating at two observation sites.<sup>2</sup> Qualark escapement estimate - does not include Chilliwack, Pitt, Harrison, Birkenhead, Big Silver, Weaver, and Cultus.<sup>3</sup> Qualark source:

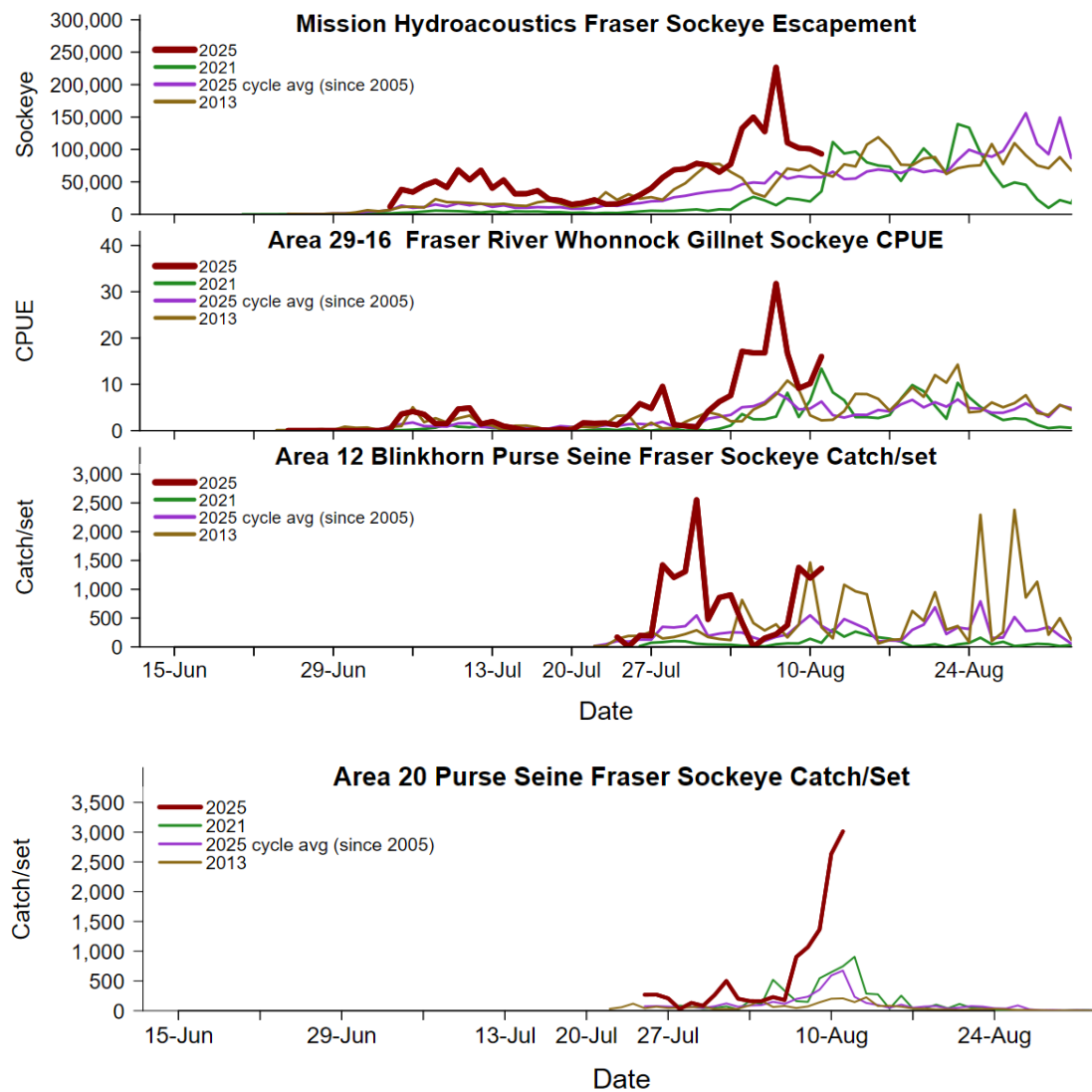
RB + LB = Right-bank (RB) &amp; Left-bank (LB)

<sup>4</sup> Mission escapement estimate - does not include Pitt<sup>5</sup> Mission Source:

A1+S1+M+A2 = Left-bank ARIS (A1) + Mobile ARIS (M2) + Right-bank ARIS (A2)

<sup>6</sup> Daily Hells Gate abundance estimate; actual daily count has been expanded.

## 5a\_Test Fishing &amp; Escapement Summary\_Sockeye



## 2025 Fraser Pink Test Fishing & Escapement Summary

| Area/Gear Location From A20 | Johnstone Strait            | Juan de Fuca Strait          |                                | Fraser River              |                    |                    |          |                  |                     |                                 |                     |                                    |
|-----------------------------|-----------------------------|------------------------------|--------------------------------|---------------------------|--------------------|--------------------|----------|------------------|---------------------|---------------------------------|---------------------|------------------------------------|
|                             | A12 PS Blinkhorn (- 2 days) | A20 PS Port Renfrew (0 days) | A7 RN <sup>1</sup> San Juan Is | A29-17 GN Brownsville Bar | A29-16 GN Whonnock | Whon CPUE Estimate | GN Catch | Qualark Estimate | Method <sup>2</sup> | Mission Hydroacoustics Estimate | Method <sup>3</sup> | Hell's Gate Estimates <sup>4</sup> |
| 22-Jul                      |                             |                              |                                | 0                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 0                               | A1+M2+A2            | 0                                  |
| 23-Jul                      |                             |                              |                                | 0                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 0                               | A1+M2+A2            | 0                                  |
| 24-Jul                      | 2492 (5 sets)               |                              |                                | 0                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 0                               | A1+M2+A2            | 0                                  |
| 25-Jul                      | 92 (5 sets)                 | 257                          |                                | 0                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 0                               | A1+M2+A2            | 0                                  |
| 26-Jul                      | 1,014                       | 86                           |                                | 0                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 0                               | A1+M2+A2            | 0                                  |
| 27-Jul                      | 1,923                       | 117                          |                                | 0                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 0                               | A1+M2+A2            | 4,380                              |
| 28-Jul                      | 4,890                       | 309                          |                                | 0                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 0                               | A1+M2+A2            | 7,480                              |
| 29-Jul                      | 6,224                       | 313                          |                                | 0                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 0                               | A1+M2+A2            | No Count                           |
| 30-Jul                      | 7,502                       | 145                          |                                | 0                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 0                               | A1+M2+A2            | 1,390                              |
| 31-Jul                      | 11,911                      | 5,774                        |                                | 0                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 0                               | A1+M2+A2            | 20,030                             |
| 1-Aug                       | 6,384                       | 8,265                        |                                | 0                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 0                               | A1+M2+A2            | No Count                           |
| 2-Aug                       | 5,130                       | 10,680                       |                                | 0                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 0                               | A1+M2+A2            | 0                                  |
| 3-Aug                       | 3642 (5 sets)               | 12,115                       |                                | 2                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 0                               | A1+M2+A2            | 0                                  |
| 4-Aug                       | 3,201                       | 4,681                        |                                | 0                         | 1                  | 0.08               | 0        | 0                | RB + LB             | 2,020                           | A1+M2+A2            | 0                                  |
| 5-Aug                       | 173 (2 sets)                | 10,427                       |                                | 1                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 2,020                           | A1+M2+A2            | No Count                           |
| 6-Aug                       | 3,260                       | 2,956                        |                                | 0                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 3,030                           | A1+M2+A2            | No Count                           |
| 7-Aug                       | 6,712                       | 25,344                       |                                | 1                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 1,010                           | A1+M2+A2            | 0                                  |
| 8-Aug                       | 8,620                       | 21,315                       | 870                            | 0                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 2,020                           | A1+M2+A2            | 0                                  |
| 9-Aug                       | 9,400                       | 6,655                        | 411                            | 0                         | 0                  | 0.00               | 0        | 0                | RB + LB             | 1,010                           | A1+M2+A2            | No Count                           |
| 10-Aug                      | 1490 (4 sets)               | 17,420                       | 658                            | 0                         | 1                  | 0.08               | 0        | 0                | RB + LB             | 1,010                           | A1+M2+A2            | 0                                  |
| 11-Aug                      | 995                         | 18100 (5 sets)               |                                | 1                         | 2                  | 0.16               | 0        |                  |                     | 5,730                           | A1+M2+A2            | No Count                           |
| 12-Aug                      |                             |                              |                                |                           |                    |                    |          |                  |                     |                                 |                     |                                    |
| 13-Aug                      |                             |                              |                                |                           |                    |                    |          |                  |                     |                                 |                     |                                    |

<sup>1</sup> Area 7 Reefnet test fishery is for observation of fish presence and species composition. No fish are retained. Vessels are operating at two observation sites.

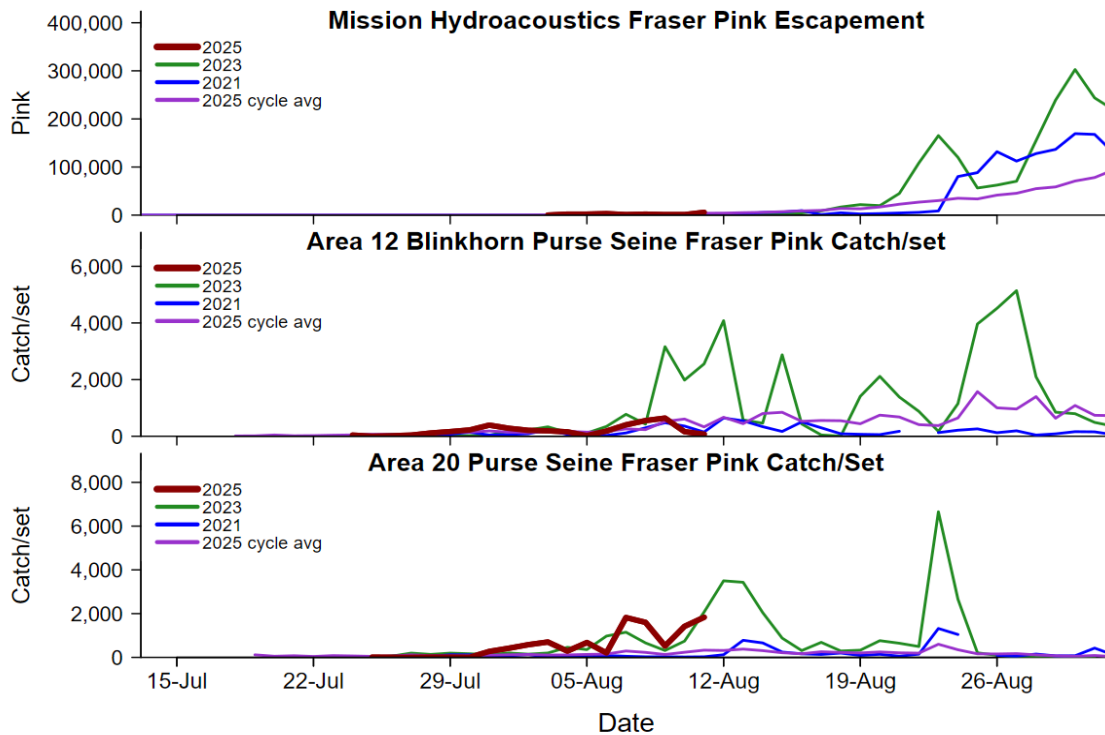
<sup>2</sup> Qualark source:

RB + LB = Right-bank (RB) + Left-bank (LB)

<sup>3</sup> Mission source:

A1+M2+A2 = Left bank ARIS (A1) + Mobile ARIS (M2) + Right bank ARIS (A2)

<sup>4</sup> Daily Hells Gate abundance estimate; actual daily count has been expanded.



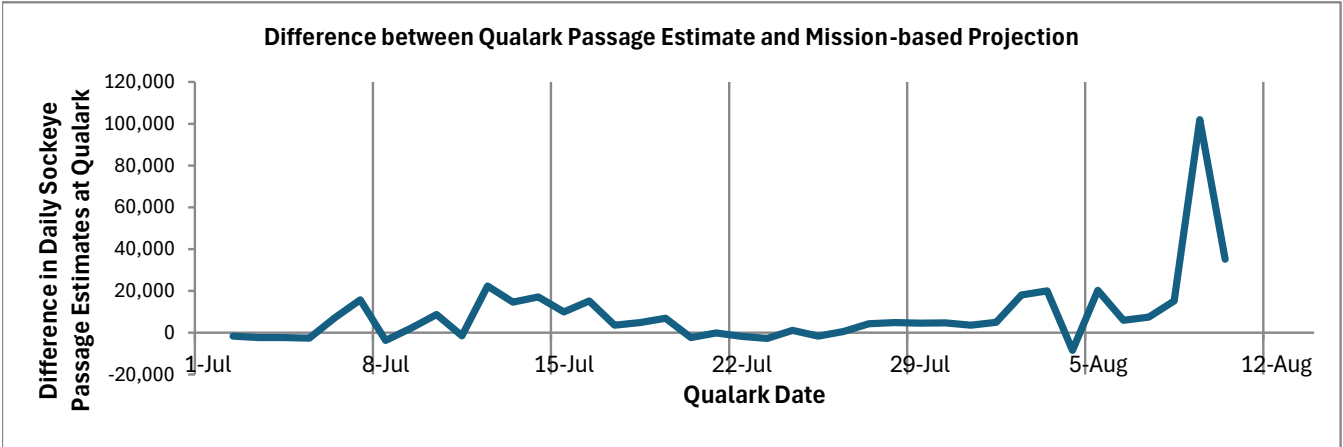
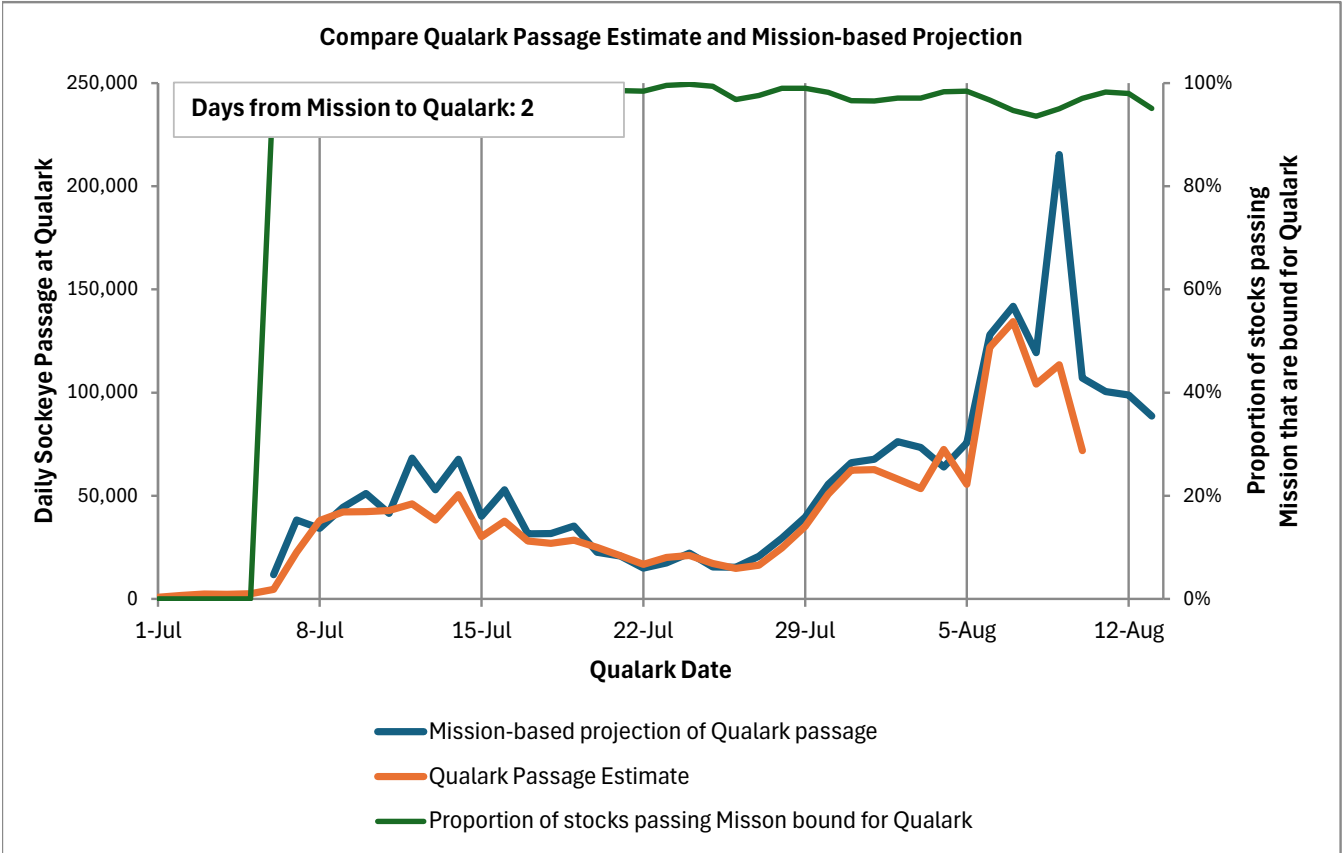
5b. Comparison of predictions from Mission to Qualark

Year: 2025

Date: 12-Aug-25

Time: 9:45 AM

|                    | All Days    | *Common Days |
|--------------------|-------------|--------------|
| Mission projection | 2,297,882   | 2,009,946    |
| Qualark estimate   | 1,660,993   | 1,651,349    |
|                    | Difference  | 358,596      |
|                    | %Difference | 18%          |



## 5d. Fraser River Sockeye Salmon Stock identification Review

Recent stock composition estimates for sockeye salmon

| Fishing                                  |                     |         |                   |          |         | Fraser-only Stock Proportions by Reporting Group <sup>4</sup> (%) |              |               |                   |                |                        |           |             |                 |                     |                  |                        |                      | Age (%)       |                |                    |     |
|------------------------------------------|---------------------|---------|-------------------|----------|---------|-------------------------------------------------------------------|--------------|---------------|-------------------|----------------|------------------------|-----------|-------------|-----------------|---------------------|------------------|------------------------|----------------------|---------------|----------------|--------------------|-----|
|                                          |                     |         |                   |          |         | Early Stuart                                                      | Early Summer |               |                   |                |                        | Summer    |             |                 |                     |                  | Late                   |                      |               | Overall Stocks |                    |     |
|                                          |                     |         |                   |          |         | Early Stuart                                                      | Chilli-wack  | Pitt Alouette | Gates Nahat-latch | Early Thompson | Early Summer sub-total | Harri-son | Late Stuart | Chilko Ques-nel | Raft North Thompson | Summer sub-total | Birken-head Big Silver | Late Shuswap Portage | Weaver Cultus | Late sub-total | Age-4 <sub>2</sub> |     |
| Area/Gear <sup>1</sup>                   | Sector <sup>2</sup> | Date    | Type <sup>3</sup> | Size (n) | %Fraser | Johnstone Strait & Queen Charlotte Strait                         |              |               |                   |                |                        |           |             |                 |                     |                  |                        |                      |               |                |                    |     |
| A13 ps                                   | fsc                 | Aug 1   | DNA               | 89       | 97%     | 0%                                                                |              |               |                   | 2%             | 5%                     | 7%        | 1%          | 52%             | 30%                 |                  | 83%                    | 6%                   | 1%            | 3%             | 9%                 | NA  |
| A12 ps                                   | tf                  | Aug 4   | DNA               | 99       | 98%     | 0%                                                                |              |               |                   | 3%             | 4%                     | 7%        | 2%          | 57%             | 30%                 | 1%               | 90%                    | 3%                   |               |                | 3%                 | 97% |
| A12 ps                                   | tf                  | Aug 8   | DNA               | 100      | 96%     | 0%                                                                | 1%           |               |                   | 3%             | 3%                     | 7%        |             | 29%             | 43%                 | 4%               | 76%                    | 5%                   | 1%            | 10%            | 16%                | 94% |
| A12 ps                                   |                     | Aug 13  | Prediction        | 1        | 98%     | 0%                                                                |              |               |                   | 2%             | 2%                     | 4%        | 1%          | 26%             | 55%                 | 3%               | 84%                    | 4%                   | 1%            | 7%             | 12%                | NA  |
| Juan de Fuca Strait & Washington & Other |                     |         |                   |          |         |                                                                   |              |               |                   |                |                        |           |             |                 |                     |                  |                        |                      |               |                |                    |     |
| A20 ps                                   | tf                  | Aug 6   | DNA               | 100      | 100%    | 0%                                                                |              |               |                   | 2%             | 4%                     | 6%        | 2%          | 33%             | 51%                 |                  | 86%                    | 5%                   | 2%            | 1%             | 8%                 | 97% |
| A20 ps                                   | tf                  | Aug 8   | DNA               | 93       | 100%    | 0%                                                                |              |               |                   | 2%             | 1%                     | 3%        |             | 42%             | 34%                 | 1%               | 77%                    | 6%                   | 8%            | 7%             | 20%                | 99% |
| A20 ps                                   | tf                  | Aug 10  | DNA               | 100      | 100%    | 0%                                                                |              |               |                   | 1%             | 1%                     | 2%        | 3%          | 34%             | 56%                 | 2%               | 96%                    | 2%                   |               |                | 2%                 | 95% |
| A20 ps                                   |                     | Aug 13  | Prediction        | 1        | 100%    | 0%                                                                |              |               |                   | 3%             | 2%                     | 5%        | 2%          | 27%             | 53%                 | 2%               | 83%                    | 4%                   | 4%            | 4%             | 12%                | NA  |
| In-river                                 |                     |         |                   |          |         |                                                                   |              |               |                   |                |                        |           |             |                 |                     |                  |                        |                      |               |                |                    |     |
| AB gn                                    | tf                  | Aug5-6  | DNA               | 100      | 100%    | 0%                                                                |              |               |                   | 5%             | 4%                     | 9%        | 1%          | 36%             | 49%                 | 1%               | 87%                    | 4%                   |               |                | 4%                 | 99% |
| AB gn                                    | tf                  | Aug9-10 | DNA               | 99       | 100%    | 0%                                                                |              |               |                   | 7%             | 4%                     | 11%       |             | 31%             | 51%                 | 1%               | 83%                    | 4%                   | 1%            | 1%             | 6%                 | NA  |
| BB gn                                    | tf                  | Aug 7   | DNA               | 50       | 100%    | 0%                                                                |              |               |                   | 12%            | 10%                    | 22%       | 1%          | 36%             | 40%                 |                  | 76%                    | 2%                   |               |                | 2%                 | NA  |
| BB gn                                    | tf                  | Aug8-9  | DNA               | 100      | 100%    | 0%                                                                |              |               |                   | 4%             | 5%                     | 9%        |             | 40%             | 49%                 | 1%               | 91%                    |                      |               |                | 0%                 | 98% |

## 2025 Fraser River Pink Salmon Stock identification Review

Recent stock composition estimates for pink salmon

| Fishing                    |                     |        |                   |          | DNA % Estimates by Group |            |                    |
|----------------------------|---------------------|--------|-------------------|----------|--------------------------|------------|--------------------|
| Area/Gear <sup>1</sup>     | Sector <sup>2</sup> | Date   | Type <sup>3</sup> | Size (n) | Fraser River             | Washington | Canada South Coast |
| <b>Johnstone Strait</b>    |                     |        |                   |          |                          |            |                    |
| A13 PS                     | fsc                 | Aug2   | DNA               | 94       | 28%                      | 4%         | 68%                |
| A12 PS                     | tf                  | Aug5-6 | DNA               | 97       | 11%                      | 29%        | 60%                |
| A12                        |                     | Aug14  | Prediction        | 1        | 52%                      | 20%        | 28%                |
| <b>Juan de Fuca Strait</b> |                     |        |                   |          |                          |            |                    |
| A20 PS                     | tf                  | Jul31  | DNA               | 94       | 18%                      | 53%        | 28%                |
| A20 PS                     | tf                  | Aug7   | DNA               | 98       | 56%                      | 26%        | 18%                |
| A20                        |                     | Aug14  | Prediction        | 1        | 56%                      | 33%        | 11%                |
| <b>Washington</b>          |                     |        |                   |          |                          |            |                    |
| A7                         |                     | Aug14  | Prediction        | 1        | 51%                      | 19%        | 30%                |
| A7A                        |                     | Aug14  | Prediction        | 1        | 49%                      | 15%        | 36%                |

### Notes for sockeye and pink tables:

<sup>1</sup> BB GN=29\_13 (Brownsville), AT = Alaska Twist, AB GN=29\_16 (Whonnock), MA FW=Matsqui Fish Wheel, QU GN=Qualark

<sup>2</sup> TF=sample from test fishery catch, CM=sample from commercial catch, C&S=ceremonial & subsistence catch, FSC=food, social, & ceremonial catch, rec= recreational catch

<sup>3</sup> Predictions for sockeye are multinomial extrapolations of current year data to 5 days after the last observation; Predictions for pink salmon are projections of stock compositions based on historic and current data

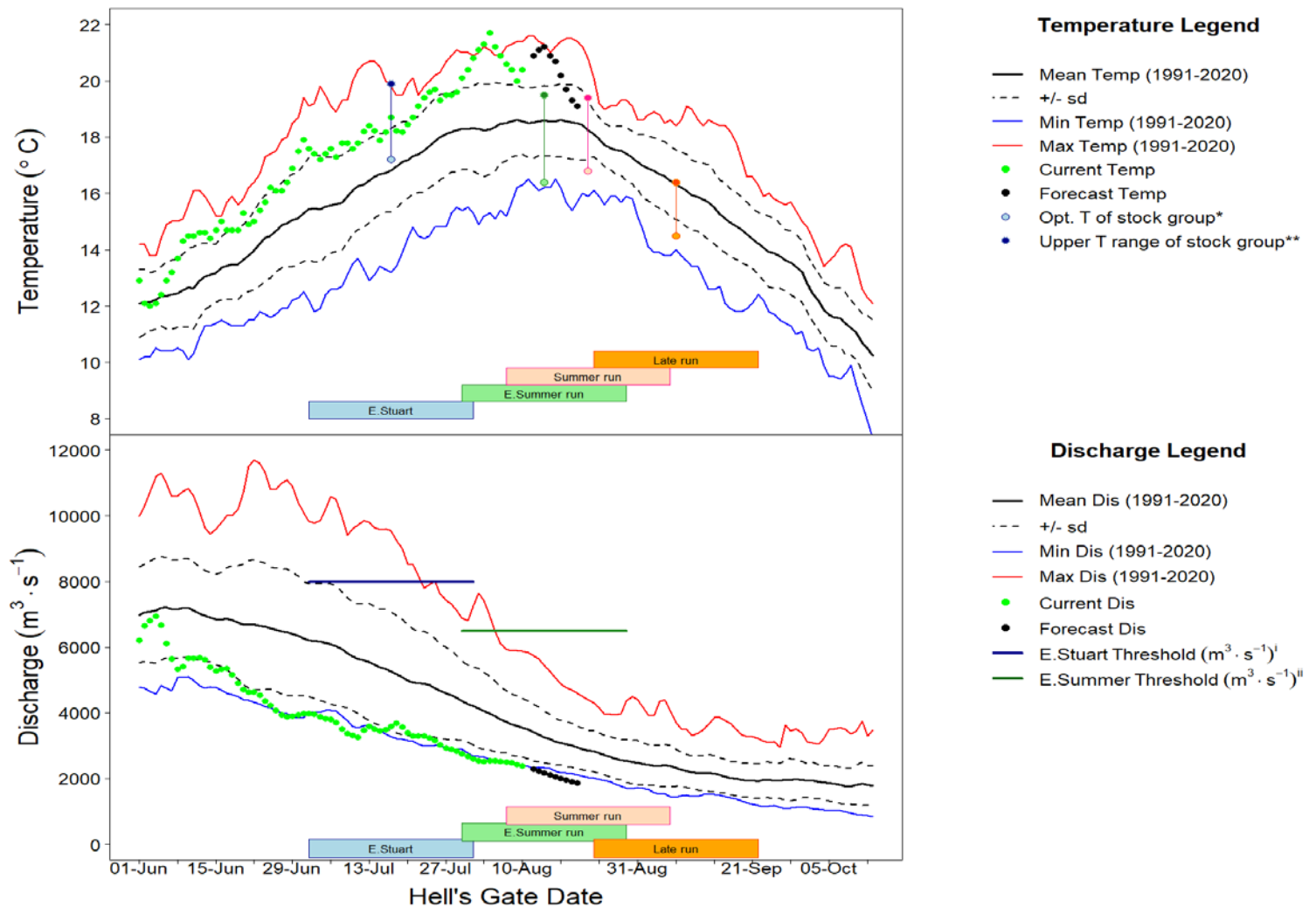
<sup>4</sup> Further information relating stock group descriptions to spawning ground locations and population definitions can be found at [http://www.psc.org/FRPWeb/Escapement/PSC\\_Fraser\\_Sockeye\\_Stock\\_Group\\_Definitions.pdf](http://www.psc.org/FRPWeb/Escapement/PSC_Fraser_Sockeye_Stock_Group_Definitions.pdf)

Results in grey text have been presented to the Panel previously

## Fraser River Environmental Report for August 11, 2025

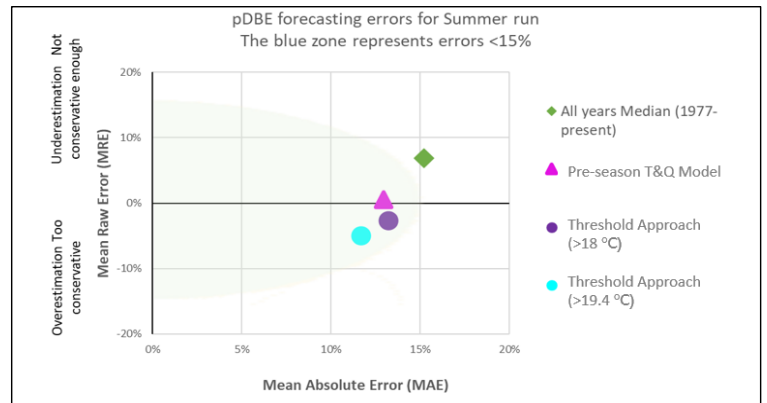
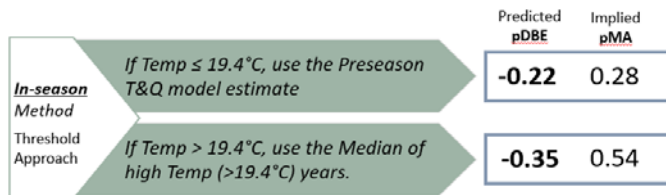
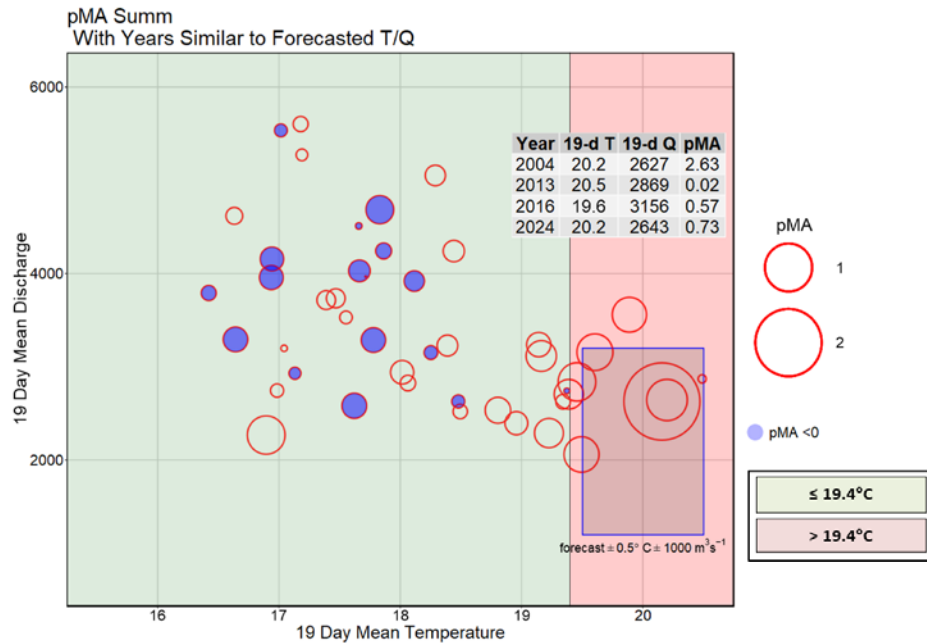
|                                                                                                     |        |
|-----------------------------------------------------------------------------------------------------|--------|
| Observed Fraser River Temperature at Qualark for 11-Aug                                             | 20.7°C |
| Average (1991-2020) Historical Temperature on this day                                              | 18.5°C |
| Deviation from Average                                                                              | 2.2°C  |
| Forecast Temperature for 17-Aug-25                                                                  | 20.2°C |
| The forecast in Kamloops and Prince George is for variable temperature through the forecast period. |        |

|                                                                                               |                                      |
|-----------------------------------------------------------------------------------------------|--------------------------------------|
| Observed Fraser River Discharge at Hope for 11-Aug                                            | 2348 m <sup>3</sup> ·s <sup>-1</sup> |
| Average (1991-2020) Historical Discharge on this day                                          | 3491 m <sup>3</sup> ·s <sup>-1</sup> |
| % above or below Historical Discharge                                                         | -33%                                 |
| Forecast Discharge for 17-Aug-25                                                              | 2006 m <sup>3</sup> ·s <sup>-1</sup> |
| The forecast in Kamloops and Prince George is for 6 mm and 30 mm precipitation, respectively. |                                      |



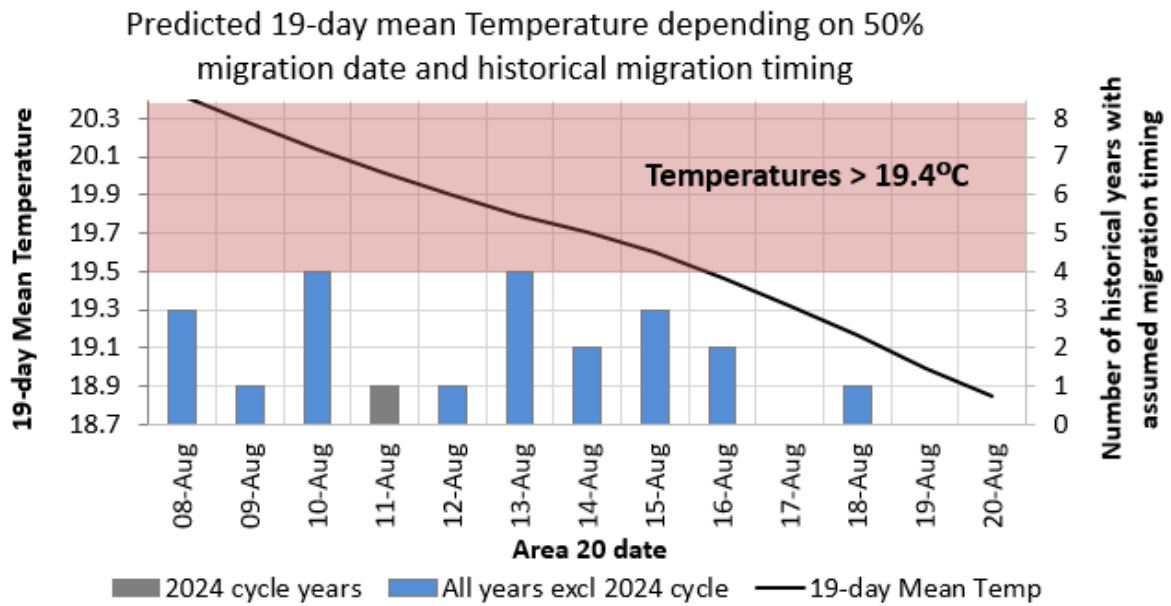
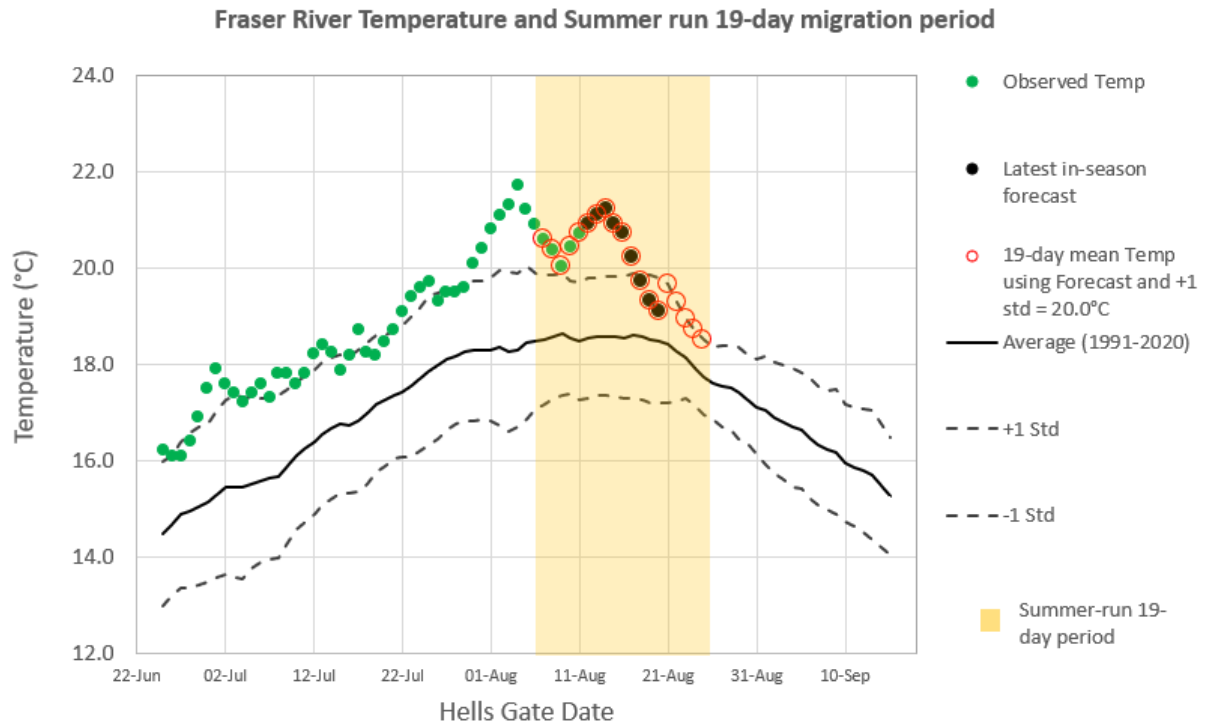
Run timing bars represent a 31 day spread of the run centered around the Hell's Gate date. Hell's gate timing is 5 days from Mission for Early Stuart and Late run; and 4 days from Mission for Early Summer and Summer run. <sup>i</sup>pMA is the proportional increase to spawning escapement targets to help ensure targets are achieved. <sup>ii</sup>%DBE is %difference between estimates of potential spawning escapement and spawning escapement. <sup>\*</sup>This is the optimum temp for aerobic swimming - T<sub>opt</sub> (Eliaison et al. (2011). Science 332: 109-112) <sup>\*\*</sup>This is the upper range of the optimum temp for aerobic swimming - T<sub>pejus</sub>. <sup>i</sup>Discharge threshold of 8000cms for Early Stuart from Macdonald (2000). Can. Tech. Rep. Fish. Aquat. Sci. 2315: 120p. <sup>ii</sup>Discharge threshold of 6500cms for Early Summer run from Macdonald et al. (2010). Trans. Am. Fish. Soc. 139: 768-782. 19 days of T & Q data are required to calculate a pMA - 15 days before the Hell's Gate Date and 3 days after. MA estimates can be calculated 4 days after the Area 20 date.

## Summer run pDBE Forecast and Sensitivity Analysis for August 12, 2025



| Model Performance Based on the Retrospective of the "In-season pDBE Method" |                 |                                        |                                         |                 | Best if Temp $\leq 19.4^{\circ}\text{C}$ |                                                       | Best if Temp $> 19.4^{\circ}\text{C}$ |                                  |
|-----------------------------------------------------------------------------|-----------------|----------------------------------------|-----------------------------------------|-----------------|------------------------------------------|-------------------------------------------------------|---------------------------------------|----------------------------------|
|                                                                             |                 |                                        |                                         | Current Adopted | Pre-season T&Q Model                     | Median of high Temp ( $>19.4^{\circ}\text{C}$ ) years | All-Years Median (1977-2024)          | Current 19-day Model Predictions |
| Area                                                                        | Hells Gate Date | Average Temperature $^{\circ}\text{C}$ | Average Discharge $\text{m}^3/\text{s}$ | pDBE            | Predicted pDBE                           | Predicted pDBE                                        | Predicted pDBE                        | Predicted pDBE                   |
| 08-Aug                                                                      | 19-Aug          | 20.4                                   | 2255                                    | -0.22           | -0.22                                    | -0.35                                                 | -0.08                                 | -0.51                            |
| 09-Aug                                                                      | 20-Aug          | 20.3                                   | 2238                                    | -0.22           | -0.22                                    | -0.35                                                 | -0.08                                 | -0.49                            |
| 10-Aug                                                                      | 21-Aug          | 20.1                                   | 2218                                    | -0.22           | -0.22                                    | -0.35                                                 | -0.08                                 | -0.47                            |
| *                                                                           | 11-Aug          | 22-Aug                                 | 20.0                                    | -0.22           | -0.22                                    | -0.35                                                 | -0.08                                 | -0.45                            |
| Implied pMA                                                                 |                 |                                        |                                         |                 |                                          |                                                       |                                       |                                  |
| *                                                                           | 11-Aug          | 22-Aug                                 | 20.0                                    | 0.28            | 0.28                                     | 0.54                                                  | 0.09                                  | 0.82                             |

\*Currently adopted timing with 5 day of observed, 9 days of forecasted and 5 days of the +1 std Temp data.

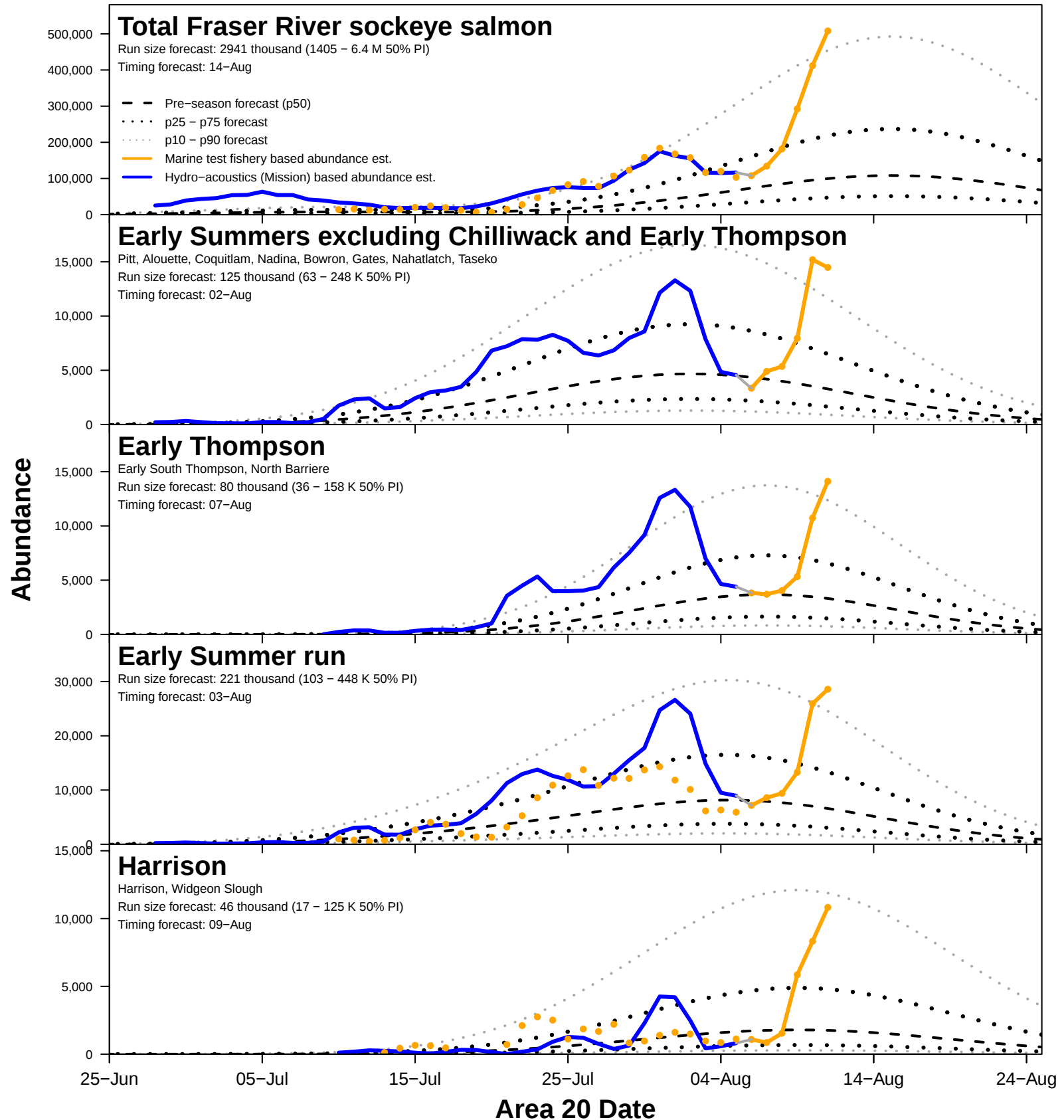


### Seiii. Current temperatures in areas of the Fraser Watershed

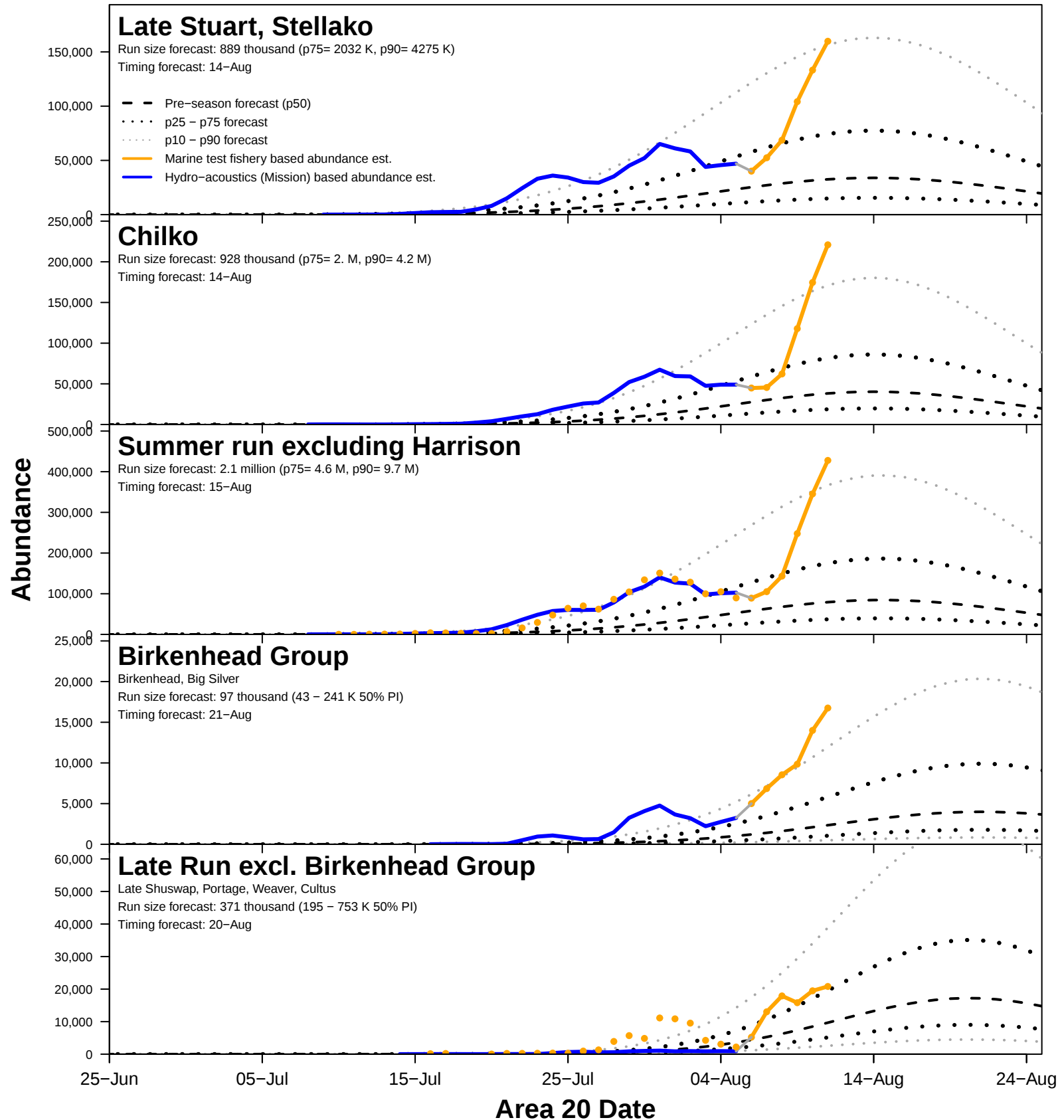
| Current Temperatures                   |                            |            |               |                                |                     |
|----------------------------------------|----------------------------|------------|---------------|--------------------------------|---------------------|
| Map #                                  | 10-Aug                     | Daily Mean | Historic Mean | Deviation from Historical Mean | Historic Year Range |
| <b><u>Fraser River Mainstem</u></b>    |                            |            |               |                                |                     |
| 1                                      | Fraser River @ Qualark     | 20.4       | 18.6          | 1.8                            | 1991-2020           |
| 2                                      | Fraser River @ Texas Creek | na         | 18.6          | na                             | 2006-2024           |
| 3                                      | Fraser River @ Marguerite  | 18.9       | 18.6          | 0.3                            | 2015-2024           |
| 4                                      | Upper Fraser @ Shelley     | na         | 15.3          | na                             | 1994-2024           |
| <b><u>Fraser River Tributaries</u></b> |                            |            |               |                                |                     |
| 5                                      | Thompson R. @ Ashcroft     | 20.1       | 18.4          | 1.7                            | 1995-2024           |
| 6                                      | South Thompson @ Chase     | 22.1       | 19.4          | 2.7                            | 1994-2024           |
| 7                                      | North Thompson @ McLure    | 17.8       | 15.8          | 2.0                            | 2006-2023           |
| 8                                      | Quesnel R. @ Quesnel       | 18.2       | 17.1          | 1.1                            | 2000-2024           |
| 9                                      | Nechako R. @ Isle Pierre   | 18.9       | 19.0          | -0.1                           | 2006-2024           |
| 10                                     | Stuart R. @ Ft. St. James  | 19.5       | 18.6          | 0.9                            | 2000-2024           |



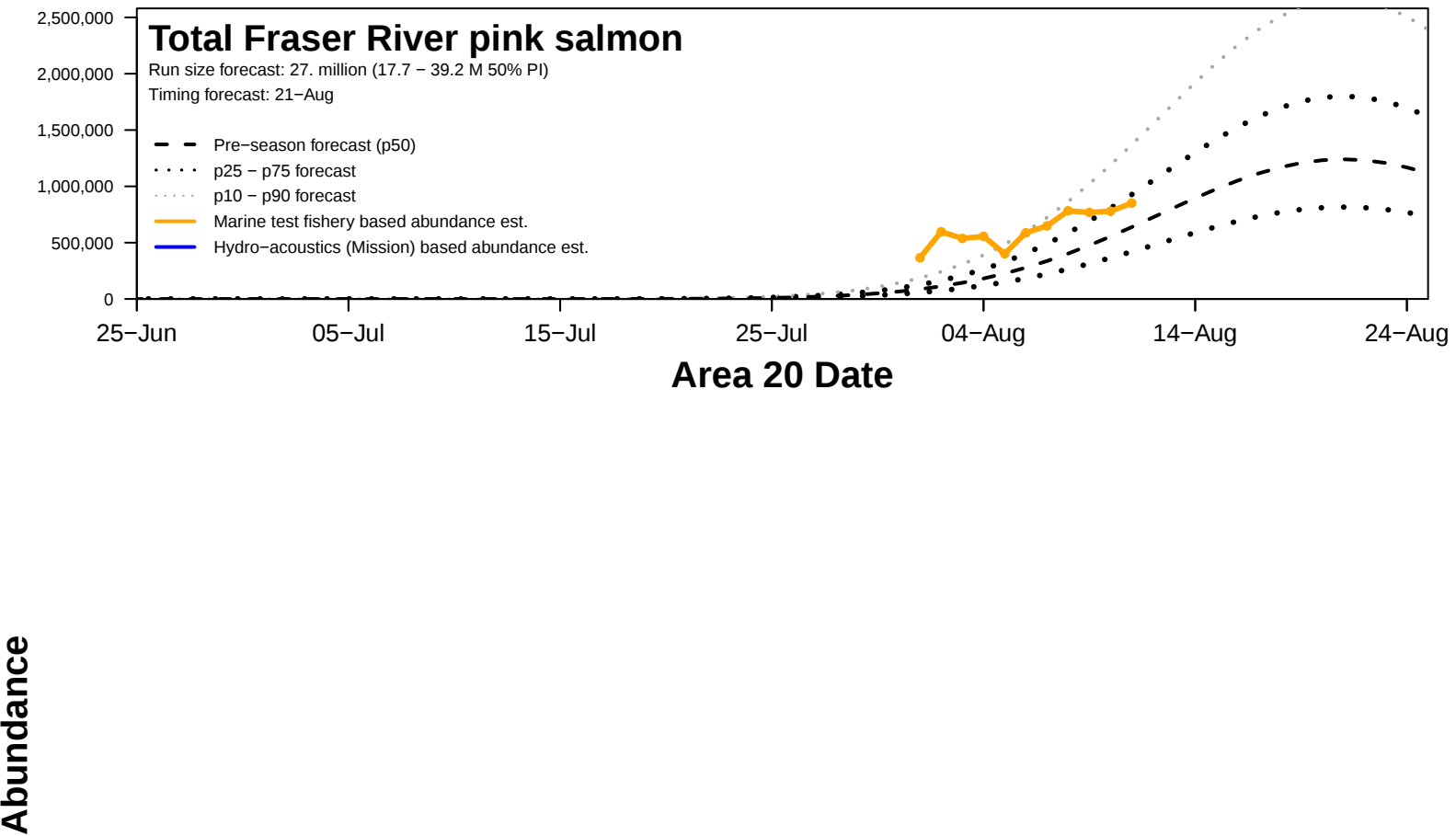
## 6a. 2025 Fraser River sockeye salmon daily migration



## 6a. 2025 Fraser River sockeye salmon daily migration



# 6a. 2025 Fraser River sockeye salmon daily migration



## 6b. 2025 Fraser River sockeye abundance en-route to Mission

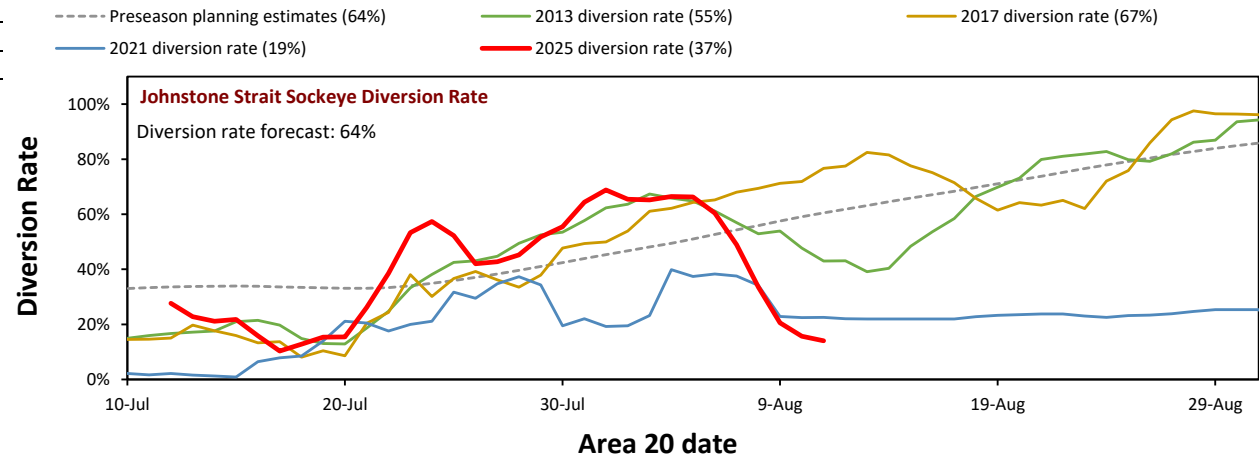
Current date: 12-Aug

|                                     | Escapement<br>past Mission<br>through 11-Aug | Projected abundance en route to Mission based on marine test fishery data <sup>1,2</sup> |                |                |                |                |                |                  |                     | Escapement +<br>projections<br>through 17-Aug |                  |
|-------------------------------------|----------------------------------------------|------------------------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|------------------|---------------------|-----------------------------------------------|------------------|
| Area 20 date                        |                                              | 06-Aug                                                                                   | 07-Aug         | 08-Aug         | 09-Aug         | 10-Aug         | 11-Aug         | Total            | 80% PI <sup>3</sup> |                                               |                  |
| Mission date                        |                                              | 12-Aug                                                                                   | 13-Aug         | 14-Aug         | 15-Aug         | 16-Aug         | 17-Aug         |                  | 10p                 | 90p                                           |                  |
| <b>Total Fraser</b>                 | <b>2,373,800</b>                             | <b>67,300</b>                                                                            | <b>130,100</b> | <b>150,900</b> | <b>191,300</b> | <b>459,600</b> | <b>537,400</b> | <b>1,536,600</b> | <b>926,100</b>      | <b>2,271,400</b>                              | <b>3,910,400</b> |
| <b>Early Stuart</b>                 | <b>731,900</b>                               | <b>0</b>                                                                                 | <b>0</b>       | <b>0</b>       | <b>0</b>       | <b>0</b>       | <b>0</b>       | <b>0</b>         | <b>0</b>            | <b>0</b>                                      | <b>731,900</b>   |
| <b>Early Summer Run</b>             | <b>274,200</b>                               | <b>4,300</b>                                                                             | <b>9,900</b>   | <b>7,000</b>   | <b>9,100</b>   | <b>18,100</b>  | <b>44,700</b>  | <b>93,100</b>    | <b>45,600</b>       | <b>192,700</b>                                | <b>367,300</b>   |
| Chilliwack                          | 4,300                                        | 0                                                                                        | 0              | 0              | 0              | 0              | 0              | 0                | 0                   | 0                                             | 4,300            |
| Pitt/Alouette/Coquitlam             | 12,600                                       | 100                                                                                      | 0              | 0              | 200            | 0              | 0              | 300              | 100                 | 600                                           | 12,900           |
| Nadina group <sup>4</sup>           | 150,100                                      | 1,600                                                                                    | 4,700          | 5,600          | 5,800          | 8,800          | 26,300         | 52,800           | 25,900              | 109,300                                       | 202,900          |
| Early Thompson <sup>5</sup>         | 107,200                                      | 2,600                                                                                    | 5,200          | 1,400          | 3,100          | 9,300          | 18,400         | 40,000           | 19,600              | 82,800                                        | 147,200          |
| <b>Summer Run</b>                   | <b>1,328,200</b>                             | <b>57,900</b>                                                                            | <b>102,400</b> | <b>112,400</b> | <b>161,000</b> | <b>427,200</b> | <b>434,700</b> | <b>1,295,600</b> | <b>790,300</b>      | <b>1,865,700</b>                              | <b>2,623,800</b> |
| Harrison / Widgeon <sup>2</sup>     | 22,600                                       | 1,100                                                                                    | 1,100          | 0              | 3,200          | 14,100         | 7,500          | 27,000           | 16,500              | 38,900                                        | 49,600           |
| Late Stuart / Stellako              | 640,000                                      | 25,600                                                                                   | 47,100         | 61,800         | 70,900         | 154,500        | 159,400        | 519,300          | 316,800             | 747,800                                       | 1,159,300        |
| Chilko                              | 586,200                                      | 29,000                                                                                   | 48,800         | 40,500         | 70,800         | 213,800        | 220,400        | 623,300          | 380,200             | 897,600                                       | 1,209,500        |
| Quesnel                             | 69,400                                       | 1,800                                                                                    | 4,900          | 8,700          | 13,200         | 35,400         | 38,600         | 102,600          | 62,600              | 147,700                                       | 172,000          |
| Raft / North Thompson               | 10,000                                       | 400                                                                                      | 500            | 1,400          | 2,900          | 9,400          | 8,800          | 23,400           | 14,300              | 33,700                                        | 33,400           |
| <b>Late Run</b>                     | <b>39,500</b>                                | <b>5,100</b>                                                                             | <b>17,800</b>  | <b>31,500</b>  | <b>21,200</b>  | <b>14,300</b>  | <b>58,000</b>  | <b>147,900</b>   | <b>90,200</b>       | <b>213,000</b>                                | <b>187,400</b>   |
| Birkenhead / Big Silver             | 30,800                                       | 3,100                                                                                    | 6,700          | 8,600          | 7,200          | 10,400         | 22,200         | 58,200           | 35,500              | 83,800                                        | 89,000           |
| Late Shuswap / Portage <sup>2</sup> | 5,100                                        | 800                                                                                      | 6,100          | 12,100         | 7,300          | 300            | 16,100         | 42,700           | 26,000              | 61,500                                        | 47,800           |
| Weaver / Cultus <sup>2</sup>        | 3,600                                        | 1,200                                                                                    | 5,000          | 10,800         | 6,700          | 3,600          | 19,700         | 47,000           | 28,700              | 67,700                                        | 50,600           |

<sup>1</sup> En route catches are incomplete: catches from present and future fisheries must be deducted from projections and added to the catches removed<sup>2</sup> Projected abundances en route to Mission include Harrison and Late runs, an uncertain number of which are expected to delay<sup>3</sup> 80% Probability Interval: there exists an 80% chance that the true abundance lies within this interval<sup>4</sup> Nadina / Bowron / Gates / Nahatlatch / Taseko<sup>5</sup> Early South Thompson / North Barriere

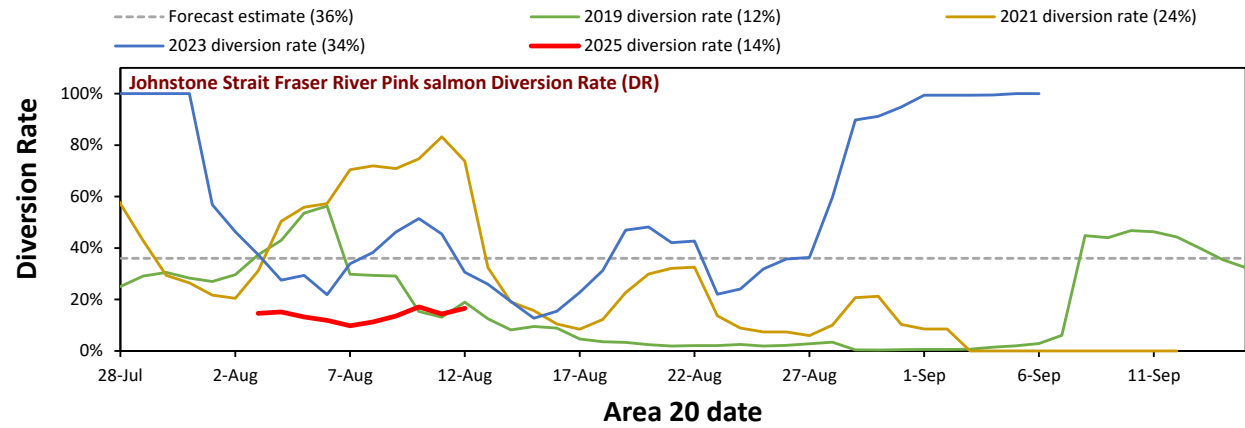
## 6c. 2025 Fraser River sockeye diversion rates through Johnstone Strait

|                       |               |
|-----------------------|---------------|
|                       | 5-day-average |
| <b>Diversion rate</b> | <b>14%</b>    |



### 2025 Fraser River Pink salmon diversion rates through Johnstone Strait

|                    |               |
|--------------------|---------------|
|                    | 5-day-average |
| Fraser pink salmon | 14%           |



## 6e Fraser River run size and timing estimates

The information presented on this page has been prepared by PSC Secretariat Staff. All in-season estimates of run size and timing should be considered draft preliminary estimates unless adopted by the Fraser River Panel.

Preseason forecasts, inseason estimates, and official estimates of run size and associated timing

|                             | Run Size         |                    |                   |                               |            |              | Run Size Components |                               |                   |                 | Run Timing <sup>1</sup> |                    |                   |                               |        |              |
|-----------------------------|------------------|--------------------|-------------------|-------------------------------|------------|--------------|---------------------|-------------------------------|-------------------|-----------------|-------------------------|--------------------|-------------------|-------------------------------|--------|--------------|
|                             | Inseason Adopted | Preseason Forecast | Inseason estimate | Inseason 80% Pls <sup>2</sup> |            | Method       | Catch + Escapement  | 6-day Projection <sup>3</sup> | Seaward Abundance | Migration Delay | Inseason Adopted        | Preseason Forecast | Inseason estimate | Inseason 80% Pls <sup>2</sup> |        | Method       |
|                             |                  |                    |                   | 10% PI                        | 90% PI     |              |                     |                               |                   |                 |                         |                    |                   | 10% PI                        | 90% PI |              |
| Total Fraser sockeye        |                  | 2,941,000          | ◇ 5,818,000       | 3,813,000                     | 10,042,000 | Sum          | 2,560,000           | 1,205,000                     | 1,995,000         | 58,000          |                         | 14-Aug             |                   |                               |        |              |
| Early Stuart Run            | 725,000          | 116,000            | ✓ 736,000         | 736,000                       | 736,000    | Recon        | 736,000             | 0                             | 0                 | 0               | 06-Jul                  | 08-Jul             | 06-Jul            | 06-Jul                        | 06-Jul | 50% Date     |
| Early Summer Run            | 390,000          | 221,000            | ▲ 425,000         | 331,000                       | 537,000    | Sum          | 287,000             | 71,000                        | 67,000            | 0               | 01-Aug                  | 03-Aug             | 01-Aug            | 30-Jul                        | 15-Aug | 50% Date     |
| Chilliwack                  |                  | 15,000             | ✓ 4,000           | 4,000                         | 4,000      | Recon        | 4,000               | 0                             | 0                 | 0               |                         | 18-Jul             | 21-Jul            | 21-Jul                        | 21-Jul | 50% Date     |
| Nadina Group <sup>4</sup>   |                  | 80,000             | ● 210,000         | 176,000                       | 244,000    | Recon(2)     | 156,000             | 31,000                        | 23,000            | 0               |                         | 31-Jul             | 31-Jul            | 29-Jul                        | 08-Aug | 50% Date     |
| Pitt/Alouette/Coquitlam     |                  | 46,000             | ● 18,000          | 14,000                        | 26,000     | Recon(2)     | 13,000              | 3,000                         | 2,000             | 0               |                         | 04-Aug             | 31-Jul            | 30-Jul                        | 31-Jul | 50% Date     |
| Early Thompson <sup>5</sup> |                  | 80,000             | ▲ 193,000         | 137,000                       | 263,000    | Recon(2)     | 114,000             | 37,000                        | 42,000            | 0               |                         | 07-Aug             | 02-Aug            | 01-Aug                        | 10-Aug | 50% Date     |
| Summer Run                  | 4,800,000        | 2,136,000          | ◇ 4,053,000       | 2,518,000                     | 6,695,000  | Sum          | 1,481,000           | 985,000                       | 1,587,000         | 0               | 11-Aug                  | 15-Aug             | 10-Aug            | 07-Aug                        | 24-Aug | 50% Date     |
| Harrison / Widgeon          |                  | 46,000             | ◇ 58,000          | 32,000                        | 107,000    | Model        | 25,000              | 27,000                        | 6,000             | 0               |                         | 09-Aug             | 06-Aug            | 02-Aug                        | 12-Aug | Model        |
| Late Stuart / Stellako      |                  | 889,000            | ◇ 2,083,000       | 1,452,000                     | 3,550,000  | Model        | 716,000             | 519,000                       | 848,000           | 0               |                         | 14-Aug             | 12-Aug            | 08-Aug                        | 16-Aug | Model        |
| Chilko/Quesnel              |                  | 1,188,000          | ◇ 1,880,000       | 1,025,000                     | 2,927,000  | Recon(2)     | 741,000             | 421,000                       | 718,000           | 0               |                         | 15-Aug             | 09-Aug            | 06-Aug                        | 13-Aug | Model        |
| Raft / North Thompson       |                  | 14,000             | ◇ 32,000          | 14,000                        | 111,000    | p75 Forecast | 14,000              | 18,000                        | 0                 | 0               |                         | 23-Aug             | 23-Aug            | 16-Aug                        | 30-Aug | p75 Forecast |
| Late Run                    | NA               | 468,000            | ◇ 604,000         | 228,000                       | 2,074,000  | Sum          | 56,000              | 149,000                       | 341,000           | 58,000          | NA                      | 20-Aug             | 18-Aug            | 12-Aug                        | 27-Aug | Weight       |
| Birkenhead Group            |                  | 97,000             | ◇ 233,000         | 131,000                       | 573,000    | Model        | 38,000              | 59,000                        | 136,000           | 0               |                         | 21-Aug             | 16-Aug            | 12-Aug                        | 21-Aug | Model        |
| L.Shuswap / Weaver Gr.      |                  | 371,000            | ◇ 371,000         | 97,000                        | 1,501,000  | p50 Forecast | 18,000              | 90,000                        | 205,000           | 58,000          |                         | 20-Aug             | 20-Aug            | 12-Aug                        | 29-Aug | p50 Forecast |

<sup>1</sup> Run timing refers to the date when 50% of the run migrated past the Area 20 reference point.

<sup>2</sup> 80% Probability Interval: there exists an 80% chance that the true abundance lies within this interval

<sup>3</sup> Normally based on test fishery data. Based on Model if Method = Recon(2).

<sup>4</sup> Nadina / Bowron / Gates / Nahatlatch / Taseko.

<sup>5</sup> Early South Thompson / North Barriere.

Methods for run size & timing estimation

|              |                                                                            |
|--------------|----------------------------------------------------------------------------|
| p75 forecast | Preseason forecast level                                                   |
| Model        | Run size assessment model (median)                                         |
| Recon        | Catch + escapement + 6-day test fish projection + model seaward projection |
| Recon(2)     | Catch + escapement + model projections                                     |
| 50% Date     | Double the reconstructed abundance observed at the assumed 50% date        |
| Sum          | Sum of individual groups                                                   |
| Weight       | Weighted average of individual groups                                      |

### Run Size Uncertainty Legend<sup>†</sup>

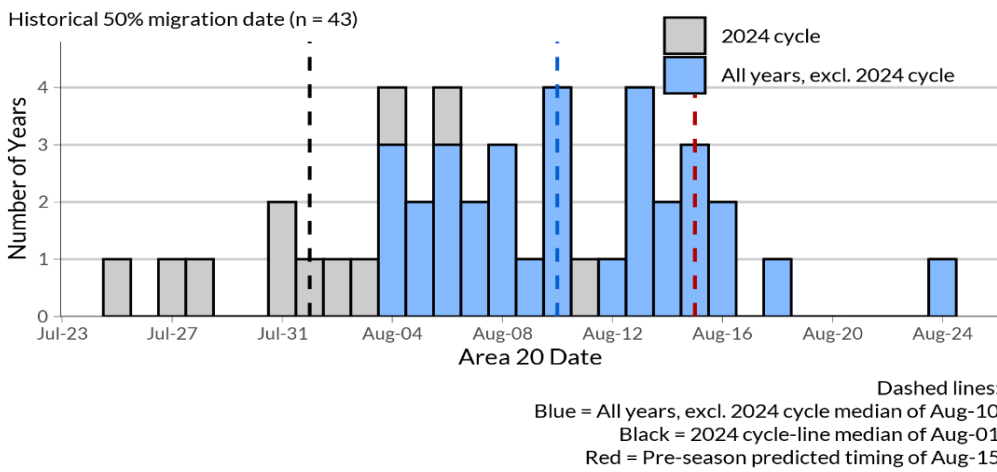
- ✓ ≥ 95% of the run size has been accounted for in catch + escapement. The CV associated with the run size is < 5%. Clear indication of run size; minor run size updates still expected
- ≥ 70% of the run size has been accounted for in catch + escapement. The CV associated with the run size is < 20%. Good indication of run size; peak fo the run has been observed at Mission, uncertainty relates to 6 day projection and seaward abundance
- ▲ ≥ 50% of the run size has been accounted for in catch + escapement. The CV associated with the run size is < 35%. Decent indciation of run size.
- ◇ < 50% of the run size has been accounted for in catch + escapement. The CV associated with the run size can be as high as 80%. Uncertain or early indciation of run size based on marine data

<sup>†</sup> The **Run Size Uncertainty Indicator** is a categorical indication of the degree of uncertainty present in the run size estimate. Estimates are categorized quantitatively based on the proportion of the run that has been accounted for with high certainty in catch + escapement.

### Run size forecasts by management group

| Management Group | p10        | p25        | p50        | p75        | p90        |
|------------------|------------|------------|------------|------------|------------|
| Early Stuart Run | 42,000     | 72,000     | 116,000    | 202,000    | 319,000    |
| Early Summer Run | 55,000     | 103,000    | 221,000    | 448,000    | 820,000    |
| Summer Run       | 522,000    | 991,000    | 2,136,000  | 4,749,000  | 10,003,000 |
| Late Run         | 118,000    | 238,000    | 468,000    | 994,000    | 1,996,000  |
| Pink Salmon Run  | 12,585,000 | 17,738,000 | 26,965,000 | 39,168,000 | 57,854,000 |

### Summer



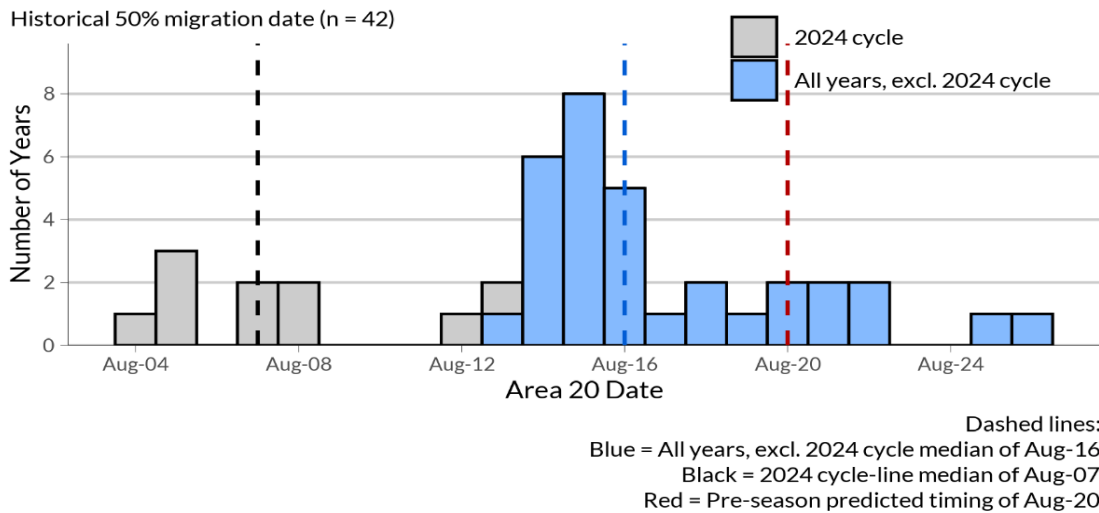
### Summer run size based on timing

|                           |           |           |                      |
|---------------------------|-----------|-----------|----------------------|
| Catch+Escapement To Date: | 1,481,000 |           |                      |
| 6-day Projection:         | 985,000   |           |                      |
|                           | Method    | Run Size* | % Seaward of Mission |
| Based on timing of 08-Aug | 50% Date  | 3,437,000 | 57%                  |
| Based on timing of 09-Aug | 50% Date  | 3,805,000 | 61%                  |
| Based on timing of 10-Aug | 50% Date  | 4,690,000 | 68%                  |
| Based on timing of 11-Aug | 50% Date  | 5,559,000 | 73%                  |
| Based on timing of 12-Aug | % Seaward | 6,442,000 | 77%                  |

\*Based on % seaward in 2013, 2017 and 2021 if timing is later than 11-Aug

\*Equal to double the reconstructed abundance if timing is earlier than 12-Aug

### Late



## 6g. Comparisons for Fishing Decisions: Based on Information Available on Tuesday August 12, 2025

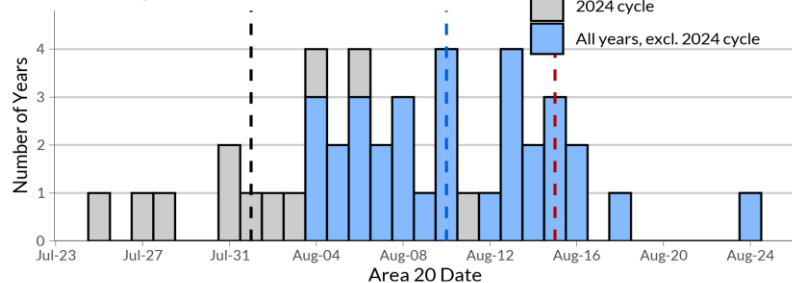
### Based on the p75 planning model scenario

Compare observed reconstructions of abundance and stock ID to the modelled expectations up until the specified Area 20 dates to determine if observed values are consistent with pre-season conditions used for fisheries planning.

|              |                                                 |                      |                                      | Total Reconstructed Abundance |           | Reconstructed Stock ID % |     | Int'l TAC |
|--------------|-------------------------------------------------|----------------------|--------------------------------------|-------------------------------|-----------|--------------------------|-----|-----------|
|              |                                                 |                      |                                      | Area 20                       | Mission   | A20                      | A12 |           |
|              |                                                 |                      |                                      | Cumulative Through: 11-Aug    |           | Last A20 Sample: 10-Aug  |     |           |
|              |                                                 | Assumed A20 50% Date | Days offset from pre-season forecast |                               |           |                          |     |           |
| Early Summer | Pre-Season Model Expectations                   | 03-Aug               | 0                                    | 352,822                       | 266,222   | 6%                       | 7%  | 75,732    |
|              | Current Timing Assumption                       | 01-Aug               | -2                                   | 375,661                       | 297,353   | 5%                       | 5%  |           |
|              |                                                 | 31-Jul               | -3                                   | 385,669                       | 312,239   | 5%                       | 5%  |           |
|              |                                                 | 02-Aug               | -1                                   | 364,702                       | 281,971   | 6%                       | 6%  |           |
|              | Reconstructions (compare to model expectations) |                      |                                      | 380,350                       | 280,477   | 2%                       | 4%  | 62,400    |
| Summer       | Pre-Season Model Expectations                   | 15-Aug               | 0                                    | 1,799,989                     | 866,719   | 80%                      | 83% | 1,304,136 |
|              | Current Timing Assumption                       | 11-Aug               | -4                                   | 2,546,381                     | 1,452,754 | 78%                      | 82% |           |
|              |                                                 | 09-Aug               | -6                                   | 2,916,603                     | 1,799,989 | 78%                      | 81% |           |
|              |                                                 | 12-Aug               | -3                                   | 2,357,718                     | 1,291,108 | 79%                      | 83% |           |
|              | Reconstructions (compare to model expectations) |                      |                                      | 2,776,429                     | 1,397,711 | 96%                      | 86% | 1,034,500 |
| Lates        | Pre-Season Model Expectations                   | 20-Aug               | 0                                    | 181,811                       | 61,486    | 14%                      | 10% | ----      |
|              | Current Timing Assumption                       | 20-Aug               | 0                                    | 181,811                       | 61,486    | 14%                      | 10% |           |
|              |                                                 | 18-Aug               | -2                                   | 243,244                       | 91,510    | 16%                      | 12% |           |
|              |                                                 | 17-Aug               | -3                                   | 277,873                       | 110,118   | 17%                      | 13% |           |
|              | Reconstructions (compare to model expectations) |                      |                                      | 268,507                       | ----      | 2%                       | 11% | ----      |

#### Summer

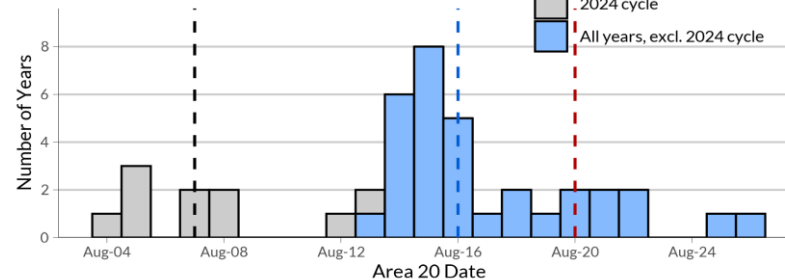
Historical 50% migration date (n = 43)



Dashed lines:  
Blue = All years, excl. 2024 cycle median of Aug-10  
Black = 2024 cycle-line median of Aug-01  
Red = Pre-season predicted timing of Aug-15

#### Late

Historical 50% migration date (n = 42)



Dashed lines:  
Blue = All years, excl. 2024 cycle median of Aug-16  
Black = 2024 cycle-line median of Aug-07  
Red = Pre-season predicted timing of Aug-20

6h. Fishery Catch Evaluation

The following is not associated with an official fishery proposal. The information contained on these pages is for informational purposes only.

|                                                      | Number of Days | Total Fraser Sockeye Catch |                      |         | Catch by Management Group |              |         |        |
|------------------------------------------------------|----------------|----------------------------|----------------------|---------|---------------------------|--------------|---------|--------|
|                                                      |                | Total Catch                | Prediction Intervals |         | Early Stuart              | Early Summer | Summer  | Late   |
|                                                      |                |                            | 10%                  | 90%     |                           |              |         |        |
| Fisheries In-progress                                |                | 79,336                     | 34,437               | 160,547 | 0                         | 4,631        | 68,781  | 5,923  |
| Potential Additional Fisheries                       |                |                            |                      |         |                           |              |         |        |
| Area 4B, 5, 6C - Treaty Tribes - Gillnet             | 3              | 922                        | 600                  | 2,001   | 0                         | 36           | 697     | 188    |
| Area 6, 7, 7A - Treaty Tribes - Purse Seine          | 2              | 42,831                     | 19,181               | 78,831  | 0                         | 2,157        | 33,058  | 7,616  |
| Area 6, 7, 7A - Treaty Tribes - Gillnet              | 2              | 59,307                     | 26,432               | 108,050 | 0                         | 2,988        | 45,783  | 10,536 |
| Area 6, 7, 7A - All Citizen - Purse Seine            | 1              | 10,845                     | 3,390                | 21,414  | 0                         | 453          | 7,505   | 2,887  |
| Area 6, 7, 7A - All Citizen - Gillnet                | 1              | 5,440                      | 1,703                | 10,774  | 0                         | 227          | 3,765   | 1,448  |
| Area 7 - All Citizen - Reefnet                       | 2              | 5,063                      | 530                  | 29,556  | 0                         | 227          | 3,670   | 1,167  |
| Total (excluding fisheries in-progress) <sup>2</sup> |                | 124,408                    | 51,836               | 250,626 | 0                         | 6,088        | 94,478  | 23,842 |
| Total (including fisheries in-progress) <sup>2</sup> |                | 203,744                    | 86,273               | 411,173 | 0                         | 10,719       | 163,259 | 29,765 |

1 The total prediction intervals in this table are calculated by adding together the prediction intervals from each fishery's catch estimate. However, this total should be interpreted very cautiously — adding prediction intervals in this way does not provide a statistically reliable measure of uncertainty.

## 6h. Fishery Catch Evaluation

The following is not associated with an official fishery proposal. The information contained on these pages is for informational purposes only.

**Fishery:** Area 4B/5/6C - Treaty Tribes - Gillnet

**Dates:** Thursday August 14 to Saturday August 16

**Effort:** 5

### Daily Catch Estimate

A total of 922 Fraser Sockeye are expected to be retained with an 80% prediction interval of 600 - 2,001.

| Date         | Fraser Sockeye | Early Stuart | Early Summer | Summer     | Late       |
|--------------|----------------|--------------|--------------|------------|------------|
| Aug 14       | 331            | 0            | 14           | 254        | 63         |
| Aug 15       | 307            | 0            | 12           | 232        | 63         |
| Aug 16       | 283            | 0            | 10           | 211        | 62         |
| <b>Total</b> | <b>922</b>     | <b>0</b>     | <b>36</b>    | <b>697</b> | <b>188</b> |

### Abundances in Fishing Area

The following table shows the estimated abundances as well as the management group proportions in the area during the potential fishery dates.

| Date         | Fraser Sockeye | Early Stuart | Early Summer | Summer     | Late       |
|--------------|----------------|--------------|--------------|------------|------------|
| Aug 14       | 57,433         | 0%           | 4.2%         | 77%        | 19%        |
| Aug 15       | 53,321         | 0%           | 3.9%         | 76%        | 20%        |
| Aug 16       | 49,070         | 0%           | 3.6%         | 74%        | 22%        |
| <b>Total</b> | <b>159,823</b> | <b>0%</b>    | <b>3.9%</b>  | <b>76%</b> | <b>20%</b> |

Estimated abundances may be based on test fishing or run size model projections. The method chosen is consistent with those used for run size estimation, so refer to the run size table (item 6e) for more information.

Further details on the methods used to estimate area specific abundances and catchabilities are available on the [FRP SharePoint site](#).

## 6h. Fishery Catch Evaluation

The following is not associated with an official fishery proposal. The information contained on these pages is for informational purposes only.

**Fishery:** Area 6/7/7A - All Citizen - Gillnet

**Dates:** Saturday August 16 to Saturday August 16

**Effort:** 15

### Daily Catch Estimate

A total of 5,440 Fraser Sockeye are expected to be retained with an 80% prediction interval of 1,703 - 10,774.

| Date         | Fraser Sockeye | Early Stuart | Early Summer | Summer       | Late         |
|--------------|----------------|--------------|--------------|--------------|--------------|
| Aug 16       | 5,440          | 0            | 227          | 3,765        | 1,448        |
| <b>Total</b> | <b>5,440</b>   | <b>0</b>     | <b>227</b>   | <b>3,765</b> | <b>1,448</b> |

### Abundances in Fishing Area

The following table shows the estimated abundances as well as the management group proportions in the area during the potential fishery dates.

| Date         | Fraser Sockeye | Early Stuart | Early Summer | Summer     | Late       |
|--------------|----------------|--------------|--------------|------------|------------|
| Aug 16       | 354,575        | 0%           | 4%           | 70%        | 26%        |
| <b>Total</b> | <b>354,575</b> | <b>0%</b>    | <b>4%</b>    | <b>70%</b> | <b>26%</b> |

Estimated abundances may be based on test fishing or run size model projections. The method chosen is consistent with those used for run size estimation, so refer to the run size table (item 6e) for more information.

Further details on the methods used to estimate area specific abundances and catchabilities are available on the [FRP SharePoint site](#).

## 6h. Fishery Catch Evaluation

The following is not associated with an official fishery proposal. The information contained on these pages is for informational purposes only.

**Fishery:** Area 6/7/7A - Treaty Tribes - Gillnet

**Dates:** Thursday August 14 to Friday August 15

**Effort:** 70

### Daily Catch Estimate

A total of 59,307 Fraser Sockeye are expected to be retained with an 80% prediction interval of 26,432 - 108,050.

| Date         | Fraser Sockeye | Early Stuart | Early Summer | Summer        | Late          |
|--------------|----------------|--------------|--------------|---------------|---------------|
| Aug 14       | 30,326         | 0            | 1,603        | 23,960        | 4,762         |
| Aug 15       | 28,981         | 0            | 1,384        | 21,823        | 5,774         |
| <b>Total</b> | <b>59,307</b>  | <b>0</b>     | <b>2,988</b> | <b>45,783</b> | <b>10,536</b> |

### Abundances in Fishing Area

The following table shows the estimated abundances as well as the management group proportions in the area during the potential fishery dates.

| Date         | Fraser Sockeye | Early Stuart | Early Summer | Summer     | Late       |
|--------------|----------------|--------------|--------------|------------|------------|
| Aug 14       | 437,213        | 0%           | 5.2%         | 79%        | 16%        |
| Aug 15       | 398,747        | 0%           | 4.7%         | 75%        | 20%        |
| <b>Total</b> | <b>835,960</b> | <b>0%</b>    | <b>5.0%</b>  | <b>77%</b> | <b>18%</b> |

Estimated abundances may be based on test fishing or run size model projections. The method chosen is consistent with those used for run size estimation, so refer to the run size table (item 6e) for more information.

Further details on the methods used to estimate area specific abundances and catchabilities are available on the [FRP SharePoint site](#).

## 6h. Fishery Catch Evaluation

The following is not associated with an official fishery proposal. The information contained on these pages is for informational purposes only.

**Fishery:** Area 6/7/7A - All Citizen - Purse Seine

**Dates:** Saturday August 16 to Saturday August 16

**Effort:** 6

### Daily Catch Estimate

A total of 10,845 Fraser Sockeye are expected to be retained with an 80% prediction interval of 3,390 - 21,414.

| Date         | Fraser Sockeye | Early Stuart | Early Summer | Summer       | Late         |
|--------------|----------------|--------------|--------------|--------------|--------------|
| Aug 16       | 10,845         | 0            | 453          | 7,505        | 2,887        |
| <b>Total</b> | <b>10,845</b>  | <b>0</b>     | <b>453</b>   | <b>7,505</b> | <b>2,887</b> |

### Abundances in Fishing Area

The following table shows the estimated abundances as well as the management group proportions in the area during the potential fishery dates.

| Date         | Fraser Sockeye | Early Stuart | Early Summer | Summer     | Late       |
|--------------|----------------|--------------|--------------|------------|------------|
| Aug 16       | 352,651        | 0%           | 4%           | 70%        | 26%        |
| <b>Total</b> | <b>352,651</b> | <b>0%</b>    | <b>4%</b>    | <b>70%</b> | <b>26%</b> |

Estimated abundances may be based on test fishing or run size model projections. The method chosen is consistent with those used for run size estimation, so refer to the run size table (item 6e) for more information.

Further details on the methods used to estimate area specific abundances and catchabilities are available on the [FRP SharePoint site](#).

## 6h. Fishery Catch Evaluation

The following is not associated with an official fishery proposal. The information contained on these pages is for informational purposes only.

**Fishery:** Area 6/7/7A - Treaty Tribes - Purse Seine

**Dates:** Thursday August 14 to Friday August 15

**Effort:** 10

### Daily Catch Estimate

A total of 42,831 Fraser Sockeye are expected to be retained with an 80% prediction interval of 19,181 - 78,831.

| Date         | Fraser Sockeye | Early Stuart | Early Summer | Summer        | Late         |
|--------------|----------------|--------------|--------------|---------------|--------------|
| Aug 14       | 21,782         | 0            | 1,151        | 17,207        | 3,424        |
| Aug 15       | 21,050         | 0            | 1,006        | 15,851        | 4,192        |
| <b>Total</b> | <b>42,831</b>  | <b>0</b>     | <b>2,157</b> | <b>33,058</b> | <b>7,616</b> |

### Abundances in Fishing Area

The following table shows the estimated abundances as well as the management group proportions in the area during the potential fishery dates.

| Date         | Fraser Sockeye | Early Stuart | Early Summer | Summer     | Late       |
|--------------|----------------|--------------|--------------|------------|------------|
| Aug 14       | 441,275        | 0%           | 5.2%         | 79%        | 16%        |
| Aug 15       | 410,484        | 0%           | 4.7%         | 75%        | 20%        |
| <b>Total</b> | <b>851,759</b> | <b>0%</b>    | <b>5.0%</b>  | <b>77%</b> | <b>18%</b> |

Estimated abundances may be based on test fishing or run size model projections. The method chosen is consistent with those used for run size estimation, so refer to the run size table (item 6e) for more information.

Further details on the methods used to estimate area specific abundances and catchabilities are available on the [FRP SharePoint site](#).

## 6h. Fishery Catch Evaluation

The following is not associated with an official fishery proposal. The information contained on these pages is for informational purposes only.

**Fishery:** Area 7 - All Citizen - Reefnet

**Dates:** Friday August 15 to Saturday August 16

**Effort:** 10

### Daily Catch Estimate

A total of 5,063 Fraser Sockeye are expected to be retained with an 80% prediction interval of 530 - 29,556.

| Date         | Fraser Sockeye | Early Stuart | Early Summer | Summer       | Late         |
|--------------|----------------|--------------|--------------|--------------|--------------|
| Aug 15       | 2,849          | 0            | 133          | 2,117        | 599          |
| Aug 16       | 2,214          | 0            | 93           | 1,553        | 568          |
| <b>Total</b> | <b>5,063</b>   | <b>0</b>     | <b>227</b>   | <b>3,670</b> | <b>1,167</b> |

### Abundances in Fishing Area

The following table shows the estimated abundances as well as the management group proportions in the area during the potential fishery dates.

| Date         | Fraser Sockeye | Early Stuart | Early Summer | Summer     | Late       |
|--------------|----------------|--------------|--------------|------------|------------|
| Aug 15       | 331,335        | 0%           | 4.7%         | 74%        | 21%        |
| Aug 16       | 257,430        | 0%           | 4.2%         | 70%        | 26%        |
| <b>Total</b> | <b>588,766</b> | <b>0%</b>    | <b>4.5%</b>  | <b>72%</b> | <b>23%</b> |

Estimated abundances may be based on test fishing or run size model projections. The method chosen is consistent with those used for run size estimation, so refer to the run size table (item 6e) for more information.

Further details on the methods used to estimate area specific abundances and catchabilities are available on the [FRP SharePoint site](#).

## 7a Recommendations on Run Size, Timing, and MA

The following table presents the run size recommendations from PSC staff. These numbers may deviate from the model derived run size estimates as additional consideration is given to the potential strength of the tail of the run based on past observations. The Panel may either accept or reject the run size recommendations or propose alternative estimates. The run size estimates presented here may not reflect the final estimates adopted by the Fraser River Panel. The recommended timing estimates are dependent on the recommended run size estimates.

| Management Group        | PSC Staff Recommendation | Run Size          |                          | Timing            |                          |
|-------------------------|--------------------------|-------------------|--------------------------|-------------------|--------------------------|
|                         |                          | Currently Adopted | PSC staff recommendation | Currently Adopted | PSC Staff recommendation |
| <b>Early Stuart Run</b> | No recommendation        | 725,000           | NA                       | 06-Jul            | NA                       |
| <b>Early Summer Run</b> | No recommendation        | 390,000           | NA                       | 01-Aug            | NA                       |
| <b>Summer Run</b>       | No recommendation        | 4,800,000         | NA                       | 11-Aug            | NA                       |
| <b>Late Run*</b>        | No recommendation        | 468,000           | NA                       | 20-Aug            | NA                       |
| <b>Pink Salmon Run*</b> | No recommendation        | 27,000,000        | NA                       | 21-Aug            | NA                       |

\* Currently adopted estimates are based on preseason estimates

PSC staff recommend pDBE estimates (not MA estimates) for consideration by the Panel. The Panel may either accept or reject the MA estimates implied by the pDBE recommendations or propose alternative estimates, by incorporating additional information, e.g., natural, environmental or stock assessment factors, that are not accounted for in the current quantitative approach. The Management Adjustment estimates presented here may not reflect the final estimates adopted by the Fraser River Panel.

| Management Group        | PSC Staff Recommendation | pDBE and implied pMA estimate |      |                    |             |
|-------------------------|--------------------------|-------------------------------|------|--------------------|-------------|
|                         |                          | Currently Adopted             |      | PSC recommendation | Implied pMA |
|                         |                          | pDBE                          | pMA  | pDBE               | pMA         |
| <b>Early Stuart Run</b> | No recommendation        | -0.65                         | 1.86 | NA                 | NA          |
| <b>Early Summer Run</b> | No recommendation        | -0.35                         | 0.54 | NA                 | NA          |
| <b>Summer Run</b>       | No recommendation        | -0.29                         | 0.4  | NA                 | NA          |
| <b>Late Run*</b>        | No recommendation        | -0.61                         | 1.56 | NA                 | NA          |

\* Currently adopted pMA estimates are estimates agreed to by the Fraser River Panel in June, 2025



# PACIFIC SALMON COMMISSION

ESTABLISHED BY TREATY BETWEEN CANADA  
AND THE UNITED STATES OF AMERICA  
MARCH 18, 1985

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August 7, 2025

## MEMO

**To:** Mr. Adam Keizer, Chair, Fraser River Panel  
Mr. Jason Gobin, Vice Chair, Fraser River Panel  
Mr. Marcel Shepert, Canadian Section First Nations Chair, Fraser River Panel

**From:** Fiona Martens, Catherine Michielsens, Tosh Sutherland, Eric Taylor, PSC Staff

**Re:** 2025 Pay Fish Retention Plan

In 2025, the sockeye run size was considered insufficient to retain sockeye pay fish in the test fisheries based on the median preseason forecast. In-season, returns of Fraser River sockeye salmon are exceeding the preseason forecast with the potential for the harvestable surplus to exceed First Nations food, social and ceremonial fisheries (FSC) and First Nations Treaty domestic allocations. If this happens, pay fish catches could potentially include sockeye salmon. It is anticipated that 20,000 sockeye are needed as pay fish in order to pay for the 2025 test fishing program and pay fish would need to focus on the retention of Summer run sockeye given the lack of harvestable surplus for Late run sockeye. Given the uncertainty associated with meeting domestic allocations the likelihood of retaining sockeye pay fish this season is still unlikely but with the increasing run sizes, staff wanted to highlight the potential opportunity should domestic allocations be met and the Panel deems the international TAC sufficient to retain pay fish.

While there is uncertainty associated with the retention of sockeye pay fish, retaining pink salmon pay fish could be considered at all pre-season forecast levels as discussed pre-season. As outlined at the June meeting, PSC Staff developed a proposal for taking pink salmon pay fish without additional sockeye mortality beyond what is required for sampling purposes. This proposal focused on pink salmon pay fish retention on the Area 20 purse seine test fishery given the lower proportion of sockeye versus pink salmon in this test fishery in comparison to the Area 12. To ensure the daily sockeye mortality does not exceed the daily sampling requirement of 100 sockeye, pay fish retention would occur in three stages:

### **First Stage** (*Starting August 21, 2025, the forecasted date of peak pink salmon migration*):

- If one of the sets seems dominated by pink salmon with limited sockeye, brail the set for pink salmon, while keeping all sockeye caught within the brail for sampling purposes.
- Stop brailing once 40 sockeye have been landed, and release the remainder of the set by spilling across the cork line.
- Ensure the daily total sockeye mortality does not exceed the number of sockeye required for sampling purposes.

### **Second Stage** (*When sockeye catches are below sampling requirement in individual sets*):

- If 1 of the 6 purse seine test fishing sets seems to contain limited sockeye (< 30 sockeye), land the full set of both pink salmon as well as sockeye.
- Adjust the sample requirements for subsequent sets to ensure the number of sockeye retained does not exceed the number of sockeye required for sampling purposes.
- Re-evaluate daily if there is a need to move to stage 1 or stage 3 depending on the number of sockeye in the catch.

### **Third Stage** (*When the total daily sockeye catch is less than biological sampling requirements*):

- Proceed with full retention of all purse seine sets containing primarily pink salmon.
- Re-evaluate daily if there is a need to move back to stage 2.

In June 2025, the Fraser River Panel conditionally approved the PSC Secretariat's plan for taking pink salmon pay fish in 2025 with the caveat that final approval to proceed with the agreed plan would be provided in-season. Also, while there is uncertainty regarding sockeye run size, the panel should consider the option for sockeye pay fish should international TAC be sufficiently large.

Please see our website for further information on the [PSC Test Fishing Policy](#). Additional information is available within the [PSC Bylaws](#) (Rule 25 Test Fishing Revolving Fund).



**DRAFT AGENDA**  
**PSC Fraser River Panel Meeting**  
**Via Zoom Webinar: <https://psc-org.zoom.us/j/85284137826>**

**FRP meeting: Friday, August 15, 2025 at 11 am**

|                                         |                                                                                      |        |                 |
|-----------------------------------------|--------------------------------------------------------------------------------------|--------|-----------------|
| 1)                                      | Roll Call (Panel and Tech members, others please email Angela Xu, frontdesk@psc.org) | 5 min  |                 |
| 2)                                      | Webinar Etiquette: mute phone & chat feature                                         | 2 min  |                 |
| <input checked="" type="checkbox"/> 3)  | Agenda                                                                               | 5 min  |                 |
| <b>4)</b>                               | <b>Overview of run and catch status</b>                                              | 5 min  | PSC staff       |
| <input checked="" type="checkbox"/>     | a) Accounted run to date relative to forecast and adopted run sizes                  |        |                 |
| <input checked="" type="checkbox"/>     | b) Catch-to-date by fishery                                                          |        |                 |
| <input checked="" type="checkbox"/>     | c) Release mortalities                                                               |        |                 |
| <input checked="" type="checkbox"/>     | d) TAC table                                                                         |        |                 |
| <b>5)</b>                               | <b>Biological information</b>                                                        | 20 min | PSC staff       |
| <input checked="" type="checkbox"/>     | a) Test fishing catches and acoustics summary                                        |        |                 |
| <input checked="" type="checkbox"/>     | b) Comparison of predictions from Mission to Qualark                                 |        |                 |
| <input type="checkbox"/>                | c) Species composition review                                                        |        |                 |
| <input checked="" type="checkbox"/>     | d) Stock Identification review                                                       |        |                 |
|                                         | e) Management Adjustment (MA) considerations                                         |        |                 |
| <input checked="" type="checkbox"/>     | i) Environmental report                                                              |        |                 |
| <input checked="" type="checkbox"/>     | ii) pDBE forecast and sensitivity analysis                                           |        |                 |
| <input checked="" type="checkbox"/>     | iii) Current temperatures in areas of the Fraser Watershed                           |        |                 |
| <input checked="" type="checkbox"/>     | iv) TNG Taskforce Update                                                             |        |                 |
| <input checked="" type="checkbox"/>     | v) Report on fish condition                                                          |        | DFO             |
| <input checked="" type="checkbox"/>     | vi) Spawning ground reports                                                          |        | DFO             |
| <b>6)</b>                               | <b>Assessment information</b>                                                        |        | PSC staff       |
| <input checked="" type="checkbox"/>     | a) Daily migration graphs                                                            |        |                 |
| <input checked="" type="checkbox"/>     | b) Predicted abundance en route to Mission                                           |        |                 |
| <input checked="" type="checkbox"/>     | c) Diversion rate                                                                    |        |                 |
| <input type="checkbox"/>                | d) Technical assessment information                                                  |        |                 |
| <input checked="" type="checkbox"/>     | e) Run size and timing estimates                                                     |        |                 |
| <input type="checkbox"/>                | f) Predicted allowable harvest based on run size and DBE scenarios                   |        |                 |
| <input type="checkbox"/>                | g) Criteria for fishing decisions table                                              |        |                 |
| <input checked="" type="checkbox"/>     | h) Catch evaluation                                                                  |        |                 |
| <b>7)</b>                               | <b>Recommendations on run size, migration timing and MA</b>                          |        |                 |
| <input checked="" type="checkbox"/>     | a) PSC recommendations                                                               |        | PSC staff       |
|                                         | b) Canadian and/or U.S. recommendations                                              |        | Panel           |
|                                         | c) Panel decision                                                                    |        |                 |
| <b>8)</b>                               | <b>Fisheries recommendations</b>                                                     |        |                 |
|                                         | a) Canadian and U.S. proposals                                                       |        | Panel           |
|                                         | b) Staff evaluation                                                                  |        | PSC staff       |
|                                         | c) Canadian and U.S. evaluation                                                      |        | Panel           |
|                                         | d) Panel decision                                                                    |        |                 |
| <input type="checkbox"/> 9)             | Assessments from other areas                                                         | 5 min  | PSC staff       |
| <input checked="" type="checkbox"/> 10) | Other business: Weekly report                                                        | 5 min  | Panel           |
| <input checked="" type="checkbox"/> 11) | Next FRP meeting and agenda                                                          | 2 min  | PSC staff/Panel |
|                                         | 12) Next TC meeting:                                                                 |        | PSC staff       |
| <input checked="" type="checkbox"/> 13) | Data acknowledgements                                                                |        |                 |

Legend: ☒ Content included in the distribution

☐ Not included in the distribution due to not relevant for this meeting or no (new) information

## Data Acknowledgements

1. Fisheries & Oceans Canada (DFO)
  - Environmental Watch Program
  - DFO South Coast Test Fisheries & Namgis/A-Tlegay Fisheries Partnership
  - DFO Fraser Interior Area Stock Assessment Division
  - DFO Resource Management, Fraser and Interior Area
2. T̓silhqot'in National Government (TNG) Task Force (comprised of BC, DFO and TNG's indigenous technical partner, the Upper Fraser Fisheries Conservation Alliance (UFFCA))
3. A-Tlegay Fisheries
4. Da'naxda'xw First Nation