

SALMON BYCATCH WORKSHOP PLANNING – FEBRUARY 3-4, 2019

Workgroup tasks (per Council motion)

1. Hold a public workshop to facilitate industry feedback on how stock composition reports can be improved to better inform industry bycatch avoidance efforts. The workshop should facilitate development of the appropriate spatial and temporal resolution of stock identification, or other associated analyses that could be used by stakeholders to minimize salmon bycatch.
2. Provide the Council with a summary report of results from the workshop and the inclusion of updated information and analyses in future salmon genetics reports.

Workgroup members

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|----------------|----------|--------------|----------|
| Diana Stram | Council | Alan Haynie | AFSC |
| Jeff Guyon | AFSC | Dayv Lowry | SSC/WDFW |
| Chuck Guthrie | AFSC | Bill Templin | ADF&G |
| Chris Kondzela | AFSC | Andrew Munro | ADF&G |
| Jim Ianelli | AFSC | Dani Evenson | ADF&G |
| Bob Clark | SSC/ADFG | | |

SSC comments and recommendations

A linkage between the information presented in the reports and in-season PSC management is still unclear. The SSC reiterates past recommendations (April 2015, 2016, and 2017 minutes) that the informal salmon workgroup consider a workshop with industry participation to facilitate discussion on how to better focus the genetic reports and to discuss information gaps. The SSC believes that the genetics workgroup would benefit greatly from a formal, organized discussion with industry on the implications of stock composition information provided in past reports; especially in regards to possible new or revised stratification schemes that might better help industry in their efforts to avoid chum and Chinook. The SSC would also anticipate that industry might be able to share some of their information on inseason chum and Chinook avoidance measures so that information can be compared to the postseason genetic stock composition of PSC. Moreover, industry and the workgroup should discuss the possibility of new efforts to gain additional information on hatchery-origin influence on stock composition through coordinated sampling of genetic tissues, CWTs, and otoliths.

Workshop Logistics

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| Duration: | 1.5 days |
| Date: | February 3-4, 2019 |
| Location: | Benson Hotel, Portland |
| Scope: | Information needs for Chinook and chum salmon PSC |

Draft Workshop Agenda

Day 1 (Sunday 8am-5pm)

1. State of knowledge (AM of 1st day)
 - a. Description of fishery [Council staff]
 - b. Description of issues surrounding bycatch and actions taken [Council/Industry]
 - c. Pertinent aspects of sampling of bycatch (history or just current description?)
[Observer program]
 - d. Description GSI of bycatch by species, NPAFC stock composition update
[TSMRI lab]
 - e. What information is available? Data sources for BSAI and GOA
 - f. Hatchery production summary (chum) [ADF&G]
2. Developing capabilities
 - a. Genetics [ADF&G/NMFS]
 - b. Other marks (CWTs/otoliths, hatchery-origin, scales) [ADF&G/NMFS]
 - c. Adult equivalent mortality
 - d. Additional sources of information (depth preferences, other data?)
3. Issues with industry/observer program/genetics & marking
 - a. Issues of funding for various programs
 - b. EM and potential sampling implications
4. Genetics [NMFS/ADF&G/UW/WDFW]
 - a. CIs/sample sizes
 - b. reporting groups
 - c. Spatial/temporal strata and objectives
 - i. What is possible to achieve specific objectives?
5. Industry information needs
 - a. Create list of questions/information needs
 - b. Prioritize list – what are the top questions?
 - c. Initial discussion of priority information needs to frame discussion on Day 2

Day 2 (Monday 8am-12pm)

6. Designing methods to get answers
 - a. Which questions can we answer with the current design and what changes are needed. Temporal and spatial needs (e.g. rockfish fishery is annual sampling necessary?)
 - b. Refining the questions to answer and/or information to produce
 - c. Revising sampling design
 - d. Data acquisition or access
7. Next Steps and Recommendation