**PACIFIC SALMON COMMISSION WORK PLAN**

**2022-2023**

**Panel / Committee:**

**Joint Technical Committee on Data Sharing (TCDS) and its subcommittee Data Standards Work Group (DSWG).**

The TCDS is responsible for facilitating the data exchange between the two parties, and by developing, maintaining, and updating, as necessary, data exchange programs, identifying any problem areas that may exist, and developing standard methods of reporting and analyzing salmonid fisheries data of importance for both nations. Current key responsibilities of the TCDS consists of defining the data exchange specifications, including definitions and validation rules, that are agreed to for the PSC bi-lateral CWT data exchange. The TCDS liaises with the Chinook Technical Committee (CTC), Selective Fishery Evaluation Committee (SFEC), and Coho Technical Committee (CoTC) to improve access and quality of CWT data that supports the analytical work required to meet Treaty obligations. The TCDS reports directly to the Pacific Salmon Commissioners.

The TCDS maintains the Data Standards Working Group (DSWG), which was formulated in 1989 and provides the technical and implementation support for the PSC data exchange specifications. The DSWG reviews proposed modifications related to the data exchange specifications as requested by the TCDS. DSWG remakes recommendations to the TCDS on how to implement the proposed modifications and if approved for implementation, the DSWG modifies the bi-lateral data exchange specifications.

# Date:

This work plan will be presented to the commission during the 2022 Fall Meeting in Salmon Arm, BC from October 17-21, 2022.

# Update on Bi-lateral Tasks Assigned Under Current PSC Agreement:

The TCDS was formed in 1985 and guidance for the TCDS tasks comes from the 1985 Memorandum of Understanding (MOU) attached to the [Pacific Salmon Treaty](https://www.psc.org/download/45/miscellaneous/2337/pacific-salmon-treaty.pdf). This MOU describes the importance of having access to coast-wide coded-wire tag data that are statistically reliable for stock assessments and fishery evaluation. Since 1980s, TCDS and DSWG tasks have focused on maintaining and updating the CWT data exchange specifications and validation rules to support this data access.

Following the work of the CWT Expert Panel, the CWT Workgroup and the CWT Improvement Team, we understand that the Commissioners want the TCDS to continue in the role of examining issues pertaining to CWT data. The new data specification standards that the committee will complete in 2022/23 will support analytical work of the joint committees and improve confidence levels, quality and accuracy of the data.

The onset of COVID-19 caused some disruptions to the TCDS progress during 2020-2021, but the improvements with the COVID-19 situation allowed TCDS to make faster progress on work tasks in 2022. Other technical committees also began reengaging with the TCDS tasks in 2022, and the TCDS has worked to formalize feedback from these technical committees related to improving CWT data exchange.

# Obstacles to Completing above Bi-lateral Tasks:

1) Data Sharing Committee Membership

Participation at meetings and progress on addressing data sharing issues may be

a low priority for members with other competing PSC Committee activities or the PST negotiations workload.

During 2022 work accomplished by the Data Sharing Committee increased in pace, and a backlog of proposals were discussed with the CTC and CoTC followed by review by the TCDS. During the August TCDS meeting, proposals were discussed and assigned for implementation to the 4.2 version of the specification document to be implemented in 2023, the 5.0 version to be implemented in 2024, or to the active proposal lists assigned to the TCDS and DSWG for further development. All proposed modifications for 4.2 and 5.0 versions have or will soon receive further engagement with other technical committees (e.g. CTC Oct 3-7, 2022 and CoTC) to ensure that the that proposed changes align with their analytical methods, and as needed, review by the DSWG to confirm the technical soundness of the proposals.

# Outline of Other Panel / Committee Tasks or Emerging Issues:

None

# Potential Issues for Commissioners, including enhancement activities reported under Article V:

None

# Potential Issues for Committee on Scientific Cooperation

None

# Proposed Meeting Dates and Draft Agendas:

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| --- | --- | --- | --- | --- |
| **When** | **Who** | | **Location** | **Purpose** |
| January  2023 | TCDS Co-  Chair(s) @ technical committees | | Webinar/in-  person | Meet with CTC and CoTC to discuss input on the 4.2 version modifications. TCs should have received the proposed modifications in October 2022. TCDS will request input on 4.2 by end of march after done with their modeling exercise. |
| April  2023 | TCDS | | Webinar | Review finalized 4.2 version and provide to RMPC to start data migration/translation and outreach to all data providers to inform 4.2 version adopted in April and new database version would be implemented in May/June 2023.  Orientation on GITLAB usage for maintaining proposals (markdown and visualizing content) |
| April/May 2023  (aligning with TC agendas) | TCDS Co-  Chair(s) @ technical committees | | Webinar | Discuss proposed 5.0 version modifications planned for 2024 and request input within 1 month from TCs. Confirm months to avoid for implementation of 5.0 in 2024 to minimize impact on TCs analytical work.  Capture new modifications proposed by TCs for a discuss and incorporation in a later version of the data specification.  Initiate discussion on approach for updating the [Information Content and Data Standards for a Coastwide Coded-Wire Tag Database Report TCDS (89)-1](http://dev.rmpc.org/files/TCDS89-1.pdf) "Blue Book" during 2023-2024 aiming to update, at a minimum, more critical content to align with 5.0 version implementation. |
| May 2023 (early May) | TCDS | | In-person multiple day meeting (remote participation will be supported)  Location Portland  Meeting will span 3-days | Review and update proposed modification for 5.0 per TCs input and determine which proposals require further review and refinement from DSWG. Assign any new proposals to either TCDS or DSWG active lists.  Discussion on approach and timeline for updating the [Information Content and Data Standards for a Coastwide Coded-Wire Tag Database Report TCDS (89)-1](http://dev.rmpc.org/files/TCDS89-1.pdf) "Blue Book" during 2023-2024 aiming to update, at a minimum, more critical content to align with 5.0 version implementation. |
| May/June 2023  (hold after TCDS May meeting) | DSWG | | In-person multiple day meeting (remote participation will be supported)  Location Portland  Meeting will span 3-days | Review and draft recommendations to the TCDS on version 5.0 proposals assigned by the TCDS to the DSWG. Confirm recommendations on version 5.0 proposals to send to TCDS. Remote follow up as needed. |
| September | TCDS | Webinar  Span over two- afternoons | | Review DSWG recommendation on 5.0 proposals and finalize 5.0 to provide to RMPC. RMPC will then begin data migration / translation and outreach to all data providers to inform 5.0 version which is anticipated to go in effect in June 2024 (or adjusted launch date to minimize impact on TCs analysis work).  Review proposed approach and timeline for updating Blue Book sections, including draft questionnaire developed by TCDS co-chairs to receive input from other technical committees to inform Blue Book update.  Review 2024 Work Plan |
| October | TCDS Co-  Chair(s) @ technical committees | Webinar/in-  person | | Meet with CTC and CoTC to update on 5.0 implementation timeline, discuss active/new proposals, and updating Blue Book.  Request participating in Blue Book questionnaire to inform Blue Book update |

**Status of Technical or Annual Reports:**

By Sept 2023, TCDS will complete a report containing (perhaps via a URL link) the implemented 4.2 version, summary of the pending 5.0 version, and an approach to update the Blue Book. Emphasizing how these modifications contribute to improved data quality and CWT data exchange.

# Comments:

No additional comments.