



North Pacific Fisheries Commission

NPFC-2021-TWG CMSA04-MIP02

North Pacific Fisheries Commission
4th Meeting of the Technical Working Group on Chub Mackerel Stock Assessment
22-25 June 2021
WebEx

Provisional Agenda

Agenda Item 1. Opening of the Meeting

Agenda Item 2. Adoption of Agenda

Agenda Item 3. Overview of the recommendations and outcomes of previous NPFC meetings relevant to chub mackerel

- 3.1 3rd TWG CMSA and 5th SC meeting
- 3.2 6th Commission meeting
- 3.3 Intersessional meetings of SWG OM

Agenda Item 4. Toward development of Management Strategy Evaluation (MSE)

- 4.1 Update on intersessional work towards MSE
- 4.2 Recommendations and timelines for future work

Agenda Item 5. Review of Terms of Reference and Protocols of the TWG CMSA

- 5.1 Terms of Reference
- 5.2 CPUE Standardization Protocol
- 5.3 Stock Assessment Protocol
- 5.4 Protocol for the Operating Model Development

Agenda Item 6. Member's fisheries information and research activities

- 6.1 Description of fisheries, inter alia, fishing seasons and fishing grounds
- 6.2 Research activities

Agenda Item 7. Development of the operating model for the stock assessment of chub mackerel

- 7.1 Review of key considerations and specifications from the TWG CMSA03 meeting
- 7.2 Review of updated stock assessment results (VPA, ASAP, KAFKA, SAM)
- 7.3 Review of assumptions and parameters from the stock assessment models

- 7.4 Review of major sources of uncertainty to be included in the operating model
- 7.5 Review of scenarios for the operating model
- 7.6 Review of the rules for prioritization of the performance measures
- 7.7 Technical aspects of using POPSIM-A as an operating model for testing chub mackerel stock assessment models
- 7.8 Finalization of specification of the operating model for testing chub mackerel stock assessment models
- 7.9 Recommendations and timelines for future work

Agenda Item 8. Development of data for the stock assessment of chub mackerel

- 8.1 Data inventory (catch, size, abundance indices, etc.) and updates
- 8.2 Standardized fishery-dependent/independent indices
- 8.3 Biological information
- 8.4 Observer Program
- 8.5 Recommendations for future work

Agenda Item 9. Review of the Work Plan of the TWG CMSA

Agenda Item 10. Other matters

- 10.1 Next TWG CMSA meetings
- 10.2 Other issues

Agenda Item 11. Recommendations to the Scientific Committee

Agenda Item 12. Adoption of Report

Agenda Item 13. Close of the Meeting