



North Pacific Fisheries Commission

NPFC-2022-TWG CMSA05-MIP03 (Rev. 2)

North Pacific Fisheries Commission
5th Meeting of the Technical Working Group on Chub Mackerel Stock Assessment
16-19 May 2022
WebEx

Annotated Indicative Schedule

| Date | Tokyo time | Activities | Document |
|--------|------------|---|--------------------------------|
| 16 May | 9:00-11:00 | <p>Agenda Item 1. Opening of the Meeting <i>The TWG CMSA Chair, Dr. Vladimir Kulik, will open the meeting. The Science Manager, Dr. Alex Zavolokin, will outline meeting arrangements.</i></p> <p>Agenda Item 2. Adoption of Agenda <i>The provisional agenda will be reviewed, amended, as appropriate, and adopted.</i></p> <p>Agenda Item 3. Overview of the recommendations and outcomes of previous NPFC meetings relevant to chub mackerel</p> <p>3.1 4th TWG CMSA and 6th SC meetings</p> <p>3.2 7th Commission meeting</p> <p>3.3 Intersessional meetings of SWG OM <i>The Chair will review the recommendations made at the 4th TWG CMSA and 6th SC meetings. The Science Manager, Dr. Alex Zavolokin, will brief participants on the COM07 meeting. The SWG OM Lead, Dr. Shota Nishijima, will update the TWG CMSA on intersessional meetings of the SWG OM.</i></p> <p>Agenda Item 4. Review of Terms of Reference and Protocols of the TWG CMSA</p> <p>4.1 Terms of Reference</p> <p>4.2 CPUE Standardization Protocol</p> <p>4.3 Stock Assessment Protocol</p> <p>4.4 Protocol for the Operating Model Development <i>Participants will review TWG CMSA Terms of Reference and Protocols for CPUE Standardization, Stock Assessment and Operating Model Development and revise them, if necessary.</i></p> | <p>MIP02, 03.</p> <p>WP01.</p> |

| | | | |
|--|-------------|---|---|
| | 11:00-11:15 | Break | |
| | 11:15-13:00 | <p>Agenda Item 5. Member's fisheries information and research activities</p> <p>5.1 Description of fisheries, inter alia, fishing seasons and fishing grounds</p> <p>5.2 Research activities</p> <p><i>Each Member will give a short presentation on its chub mackerel fishery including information on fishing seasons, fishing grounds and monthly catches.</i></p> <p><i>Members will report on their research activities on CM.</i></p> <p>Agenda Item 6. Stock assessment model for chub mackerel</p> <p>6.1 Progress of the intersessional works</p> <p><i>The TWG CMSA will address outstanding issues including reviewing results and specifications of BSSPM and KAFKA.</i></p> <p>6.2 Data generation by PopSim as input to the candidate stock assessment models</p> <p><i>The SWG OM Lead and invited expert, Dr. Joel Rice, will update the TWG CMSA on the progress with generating pseudo data as input to the candidate stock assessment models.</i></p> <p>6.3 Report on the performance of the candidate stock assessment models</p> <p><i>The invited expert will update participants on the status of his report on the performance of the candidate stock assessment models.</i></p> <p>6.4 Discussion on the ranking of the candidate stock assessment models</p> <p><i>Participants will discuss ranking of the candidate stock assessment models.</i></p> <p>6.5 Selection of the model for chub mackerel stock assessment</p> <p><i>Participants will discuss the selection of the model for chub mackerel stock assessment.</i></p> <p>6.6 Recommendations and timelines for future work</p> <p><i>Participants will identify issues for future work.</i></p> | <p>Summary C&E tables.</p> <p>IP01, 02, 03.</p> <p>WP04, 05, 06, 07; IP04.</p> <p>WP08.</p> |

| Date | Tokyo time | Activities | Document |
|--------|-------------|--|-----------|
| 17 May | 9:00-11:00 | <p>Agenda Item 6. Continued.</p> <p>Agenda Item 7. Development of data for the stock assessment of chub mackerel</p> <p>7.1 Data inventory (catch, size, abundance indices, etc.) and updates</p> <p><i>Participants will review and update data inventories.</i></p> <p>7.2 Review of standardized fishery-dependent/independent indices, inter alia, standardized abundance indices from China and Russia</p> <p><i>One month before the meeting, Members are requested to submit working papers on standardized fishery-dependent and fishery-independent indices. Participants will review the indices and identify which indices will be used for stock assessment.</i></p> | WP03, 09. |
| | 11:00-11:15 | Break | |
| | 11:15-13:00 | <p>7.3 Review of biological parameters</p> <p><i>Members will be invited to provide updated and new information on biological parameters.</i></p> <p>7.4 Observer Program</p> <p><i>Participants will discuss data needs and data gaps which can be fulfilled by a regional observer program for chub mackerel.</i></p> <p>7.5 Recommendations for future work</p> <p><i>Participants will make recommendations for future work.</i></p> | |

| Date | Tokyo time | Activities | Document |
|--------|-------------|--|----------|
| 18 May | 9:00-11:00 | <p>Agenda Item 8. Future projection of chub mackerel <i>Participants will hold initial discussions on future projections of the chub mackerel stock.</i></p> <p>Agenda Item 9. Biological reference points 9.1 Candidate biological reference points for chub mackerel <i>Participants will discuss candidate biological reference points for chub mackerel.</i></p> | |
| | 11:00-11:15 | Break | |
| | 11:15-13:00 | <p>Agenda Item 10. Review of the Work Plan of the TWG CMSA <i>Participants will review, revise and update the Work Plan of the TWG CMSA up to 2026. The final Work Plan will be adopted at the TWG CMSA06 meeting in September.</i></p> <p>Agenda Item 11. Other matters 11.1 Timeline and intersessional activities before TWG CMSA06 <i>Participants will develop timeline and identify priorities for intersessional work before the next TWG CMSA meeting.</i></p> <p>11.2 Other issues <i>Participants will discuss other matters raised under Agenda Item 2.</i></p> | WP02. |

| Date | Tokyo time | Activities | Document |
|--------|-------------|--|----------|
| 19 May | 9:00-11:00 | Agenda Item 12. Recommendations to the Scientific Committee <i>The TWG CMSA will make recommendations to the Scientific Committee.</i> | |
| | 11:00-11:15 | Break | |
| | 11:15-13:00 | Agenda Item 13. Adoption of Report <i>The report of the meeting will be adopted by consensus.</i> Agenda Item 14. Close of the Meeting <i>The Chair will make concluding remarks and close the meeting.</i> | |