



North Pacific Fisheries Commission

NPFC-2025-TWG CMSA10-MIP03 (Rev. 1)

**North Pacific Fisheries Commission
10th Meeting of the Technical Working Group on Chub Mackerel Stock Assessment
28 February, 1, 3 and 4 March 2025
Virtual**

Annotated Indicative Schedule

Date	Tokyo time	Activities	Document
28 Feb	9:00-11:00	<p>Agenda Item 1. Opening of the Meeting <i>The TWG CMSA Chair, Dr. Kazuhiro Oshima, 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 TWG CMSA09 3.2 Intersessional meetings of TWG CMSA 3.3 SC09</p> <p><i>The Chair will review the outcomes and recommendations made at the 9th TWG CMSA meeting, intersessional meetings of TWG CMSA and 9th SC meeting.</i></p>	<p>MIP02, 03.</p> <p>Available on website.</p>
	11:00-11:15	Break	
	11:15-13:00	<p>Agenda Item 4. Members fishery status and research activities <i>Each Member will give a short presentation on its chub mackerel fishery including information on fishing seasons, fishing grounds and monthly catches. Members will also report on their research activities on CM.</i></p> <p>Agenda Item 5. Review of stock assessment for CM 5.1 Member's stock assessment</p>	<p>IP01. Summary C&E tables.</p>

		<p><i>Members will present their domestic stock assessments for information purposes.</i></p> <p>5.2 2024 stock assessment by TWG CMSA</p> <p><i>Participants will review and, if possible, update the stock assessment for chub mackerel conducted in 2024.</i></p> <p>Agenda Item 6. Update of biological information</p> <p>6.1 Maturity-at-age and natural mortalities</p> <p>6.2 Finalization of biological parameters for stock assessment in TWG CMSA11</p> <p><i>Participants will update biological information and finalize biological parameters for stock assessment at the next TWG CMSA meeting.</i></p>	
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Date	Tokyo time	Activities	Document
1 Mar	9:00-11:00	<p>Agenda Item 7. Fishery and biological data for stock assessment</p> <p>7.1 Catch-at-age</p> <p>7.1.1 Length frequency, catch-at-length/size and age-length key</p> <p>7.1.2 Calculation of catch-at-age</p> <p>7.2 Weight-at-age</p> <p>7.3 Finalization of fishery and biological data for stock assessment in TWG CMSA11</p> <p><i>Participants will update fishery and biological data to be used for stock assessment at the next TWG CMSA meeting.</i></p>	WP03.
	11:00-11:15	Break	
	11:15-13:00	<p>Agenda Item 8. Abundance indices</p> <p>8.1 Update of abundance indices submitted by Members</p> <p>8.2 Usage of abundance indices in the 2025 stock assessment</p> <p>8.3 Finalization of abundance indices for stock assessment in TWG CMSA11</p> <p><i>Participants will review abundance indices presented</i></p>	WP05, 06, 07, 08, 09.

		<p><i>by Members and recommend indices which will be used as inputs for stock assessment.</i></p> <p>Agenda Item 9. Settings and specifications of SAM</p> <p>9.1 Review of current settings and specifications</p> <p>9.2 Discussion towards finalization of settings and specifications</p> <p><i>Participants will review the current settings and specifications of SAM and revise them, if needed.</i></p>	
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Date	Tokyo time	Activities	Document
3 Mar	9:00-11:00	<p>Agenda Item 10. Biological reference points</p> <p>10.1 Methods to calculate biological reference points</p> <p>10.2 List of reference points for stock assessment in TWG CMSA11</p> <p><i>Participants will discuss methods for calculating reference points and develop a list of reference points for stock assessment in TWG CMSA11.</i></p> <p>Agenda Item 11. Future projection of chub mackerel</p> <p>11.1 Methods to conduct future projection</p> <p><i>Participants will discuss methods for conducting future projections.</i></p>	
	11:00-11:15	Break	
	11:15-13:00	<p>Agenda Item 12. Initiation of discussion on management strategy evaluation (MSE) for CM</p> <p><i>Participants will hold initial discussions on management strategy evaluation for CM.</i></p> <p>Agenda Item 13. Review of the Work Plan of the TWG CMSA</p> <p>13.1 Discussion on possible changes in TWG CMSA meeting schedule to include most recent data into stock assessment</p> <p><i>Participants will review, revise and update the Work Plan of the TWG CMSA up to 2029. The final Work Plan will be adopted at the TWG CMSA11 meeting.</i></p>	WP01.

Date	Tokyo time	Activities	Document
4 Mar	9:00-11:00	<p>Agenda Item 14. Other matters</p> <p>14.1 Timeline and intersessional activities before TWG CMSA11</p> <p><i>Participants will develop a timeline and identify priorities for intersessional work before the next TWG CMSA meeting.</i></p> <p>14.2 Observer Program</p> <p>14.2.1 Review of data or data description on fisheries bycatch in chub mackerel fisheries</p> <p><i>Participants will review data or data description on fisheries bycatch in chub mackerel fisheries.</i></p> <p>14.3 Species summary</p> <p><i>Participants will review the updated species summary for CM.</i></p> <p>14.4 Other issues</p> <p><i>Participants will discuss other matters raised under Agenda Item 2.</i></p>	<p>WP04.</p> <p>WP02.</p>
	11:00-11:15	Break	
	11:15-13:00	<p>Agenda Item 15. Adoption of Report</p> <p><i>The report of the meeting will be adopted by consensus.</i></p> <p>Agenda Item 16. Close of the Meeting</p> <p><i>The Chair will make concluding remarks and close the meeting.</i></p>	