



North Pacific Fisheries Commission

NPFC-2024-TWG CMSA08-MIP03 (Rev. 1)

**North Pacific Fisheries Commission**  
**8<sup>th</sup> Meeting of the Technical Working Group on Chub Mackerel Stock Assessment**  
**22-25 January 2024**  
**Niigata, Japan**

**Annotated Indicative Schedule**

Date	Time	Activities	Document
22 Jan	8:30-9:00	Registration	
	9:00-10:30	<p>Agenda Item 1. Opening of the Meeting <i>The TWG CMSA Chair, Dr. Kazuhiro Oshima, will open the meeting.</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 CMSA07 3.2 Intersessional meetings of TWG CMSA 3.3 SC08</p> <p><i>The Chair and Secretariat will brief participants on the outcomes of previous NPFC meetings and documents relevant to chub mackerel: TWG CMSA07, SC08 and intersessional meetings.</i></p> <p>Agenda Item 4. Member's fisheries status and research activities, inter alia in 2023 <i>Members will make a presentation on its chub mackerel fisheries operated in the NPFC Convention Area and adjacent EEZs including recent information from 2023. Members will share information about their research activities.</i></p>	<p>MIP02, 03.</p> <p>CMSA07 report. RP01. SC08 Draft report</p>

	10:30-11:00	Morning break	
	11:00-12:30	<p>Agenda Item 5. Biological information</p> <p>5.1 Weight-length relationships</p> <p>5.2 Natural mortalities</p> <p>5.3 Maturity-at-age</p> <p>5.4 Finalization of biological parameters for stock assessment in TWG CMSA09</p> <p><i>Participants will review and update biological information for chub mackerel and finalize biological parameters for stock assessment in TWG CMSA09.</i></p>	SC08-IP13.
	12:30-14:00	Lunch	
	14:00-15:30	Agenda Item 5. Continued	
	15:30-16:00	Afternoon break	
	16:00-18:00	<p>Agenda Item 6. Fishery and biological data for stock assessment</p> <p>6.1 Catch-at-age</p> <p>6.1.1 Length frequency, catch-at-length/size and age-length key</p> <p>6.1.2 Calculation of catch-at-age</p> <p>6.2 Weight-at-age</p> <p>6.3 Finalization of fishery and biological data for stock assessment in TWG CMSA09</p> <p><i>Participants will review and update fishery and biological data for stock assessment and agree on the final set of data for stock assessment of chub mackerel in TWG CMSA09.</i></p>	
	18:30-20:30	Reception	

Date	Time	Activities	Document
23 Jan	9:00-10:30	Agenda Item 7. Abundance indices 7.1 Finalization of CPUE document template <i>Participants will endorse the <a href="#">CPUE document template</a> developed by TWG CMSA intersessionally.</i> 7.2 Update of abundance indices submitted by Members <i>Participants will review abundance indices submitted by Members.</i> 7.3 Finalization of abundance indices for stock assessment in TWG CMSA09 <i>TWG CMSA will finalize abundance indices for stock assessment in TWG CMSA09.</i>	WP04.  WP03, 05, 06, 07, 08.
	10:30-11:00	Morning break	
	11:00-12:30	Agenda Item 7. Continued	
	12:30-14:00	Lunch	
	14:00-15:30	Agenda Item 8. Settings and specifications of SAM 8.1 Review of current settings and specifications 8.2 Review of preliminary results from SAM 8.3 Discussion towards finalization of settings and specifications <i>Participants will review the current settings and specifications of SAM, review the preliminary results from SAM and further discuss model settings and specifications.</i>	
	15:30-16:00	Afternoon break	
	16:00-18:00	Agenda Item 8. Continued	

Date	Time	Activities	Document
24 Jan	9:00-10:30	Agenda Item 9. Biological reference points 9.1 Methods to calculate biological reference points <i>Participants will review the table of candidate biological reference points for chub mackerel and discuss methods to calculate biological reference points.</i>	
	10:30-11:00	Morning break	
	11:00-12:30	Agenda Item 10. Future projection of chub mackerel 10.1 Methods to conduct future projection <i>Participants will review the table of options for the basic specifications of conducting future projections for chub mackerel and discuss methods to conduct future projection.</i>	
	12:30-14:00	Lunch	
	14:00-15:30	Agenda Item 11. 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 2028.</i>	WP01. SC08-WP04.
	15:30-16:00	Afternoon break	
	16:00-18:00	Agenda Item 12. Other matters 12.1 Timeline and intersessional activities before TWG CMSA09 <i>Participants will agree on a timeline and intersessional work to be done before TWG CMSA09.</i> 12.2 Observer Program 12.2.1 Review data or data description on fisheries bycatch in the chub mackerel fisheries <i>Participants will discuss the NPFC Observer Program for chub mackerel. Members will be</i>	

		<p><i>invited to present a review of data or data description on fisheries bycatch in the chub mackerel fisheries.</i></p> <p>12.3 Species summary</p> <p><i>Participants will review the species summary document for chub mackerel drafted by the Chair.</i></p> <p>12.4 Space and methods to share data and codes</p> <p><i>Members will discuss sharing data and codes through a Git repository and other means.</i></p> <p>12.4 Other issues</p> <p><i>Participants will address other issues, if any.</i></p>	<p>WP02.</p> <p>IP01.</p>
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Date	Time	Activities	Document
25 Jan	9:00-10:30	<p>Agenda Item 13. Recommendations to the Scientific Committee</p> <p><i>The TWG CMSA will make recommendations to the Scientific Committee.</i></p>	
	10:30-11:00	Morning break	
	11:00-12:30	<p>Agenda Item 14. Adoption of Report</p> <p><i>The report of the meeting will be prepared, reviewed and adopted by consensus.</i></p>	
	12:30-14:00	Lunch	
	14:00-15:30	Agenda Item 14. Continued	
	15:30-16:00	Afternoon break	
	16:00-18:00	<p>Agenda Item 15. Close of the Meeting</p> <p><i>The Chair will make concluding remarks and close the meeting.</i></p>	