

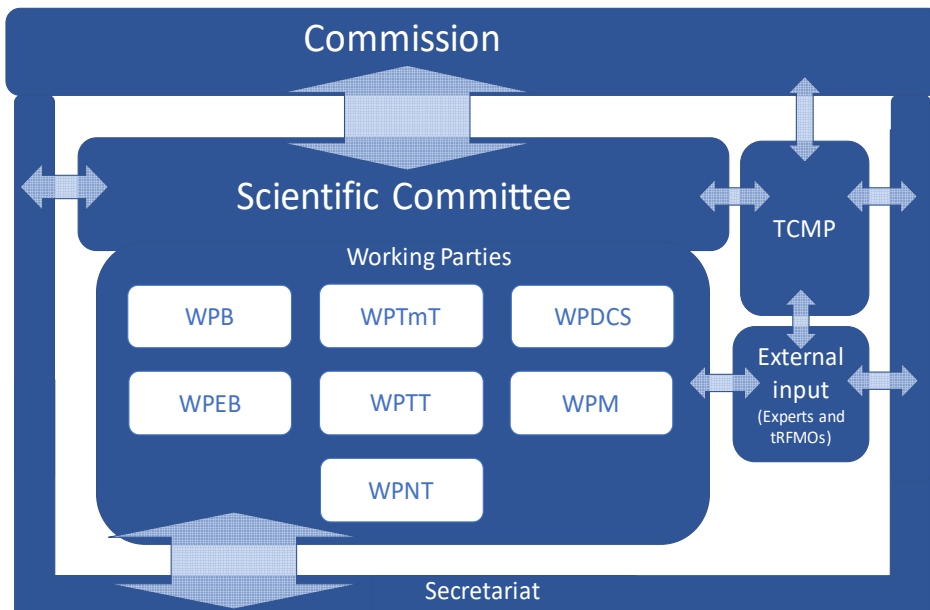


Food and Agriculture Organization
of the United Nations



**REPORT OF THE 4TH SESSION OF THE TECHNICAL COMMITTEE
ON MANAGEMENT PROCEDURES (TCMP 04)
JUNE 4-5, 2021@VIRTUAL**

**CO-CHAIR: JUNG-RE RILEY KIM (COMMISSION VICE-CHAIR, KOREA)
CO-CHAIR: TOSHIHIDE KITAKADO (SC CHAIR, JAPAN)**



- The TCMP was established based on the [Resolution 16/09](#), and its first meeting was held in 2017
- The TCMP has been providing an effective and formal communication channel between scientists and decision makers **to discuss technical and practical matters on the development of management procedures under the framework of management strategy evaluation**

- **The Contracting Parties of Commission (24 CPCs)**

Australia, Bangladesh, China, Comoros, European Union, France(OT), India, Indonesia, Iran, Japan, Republic of Korea, Madagascar, Malaysia, Maldives, Mauritius, Mozambique, Oman, Pakistan, Philippines, Seychelles, Sri Lanka, United Republic of Tanzania, Thailand, and United Kingdom

- **Observers (8)**

GTA, IPNLF, ISSF, PEW, SFP, Sharkproject International, USA, Invited Experts

Item 1. Opening of the session and arrangements

Item 2. Adoption of agenda and arrangements for the session

Item 3. Admission of observers

Item 4. Decisions of the Commission related to work of TCMP (Doc 03-06)

Item 5. Introduction to the MSE

5.1 Management procedures and MSE (Inf 01, 02)

5.2 SC proposal for the standard presentation of MSE results (Inf 02, Doc 12_rev1)

Item 6. Status of the management procedure evaluation/Operating models

6.1 Albacore (Doc 11)

6.2 Bigeye tuna (Doc 08)

6.3 Yellowfin tuna (Doc 09)

6.4 Skipjack tuna (Doc 07)

6.5 Swordfish (Doc 10)

Item 7. Discussion on the action needed for the adoption of management procedures, including budget

7.1 Albacore

7.2 Bigeye tuna

7.3 Yellowfin tuna

7.4 Skipjack tuna

7.5 Swordfish

Item 8. Future direction of the TCMP

8.1 Workplan

8.2 Priorities

8.3 Process and future meetings of TCMP

Item 9. Adoption of report (but only for important texts such as **Recommendations** or **Agreements**)

- The TCMP **NOTED** that across all species, a TAC change constraint of 15% is implemented. The TCMP **REQUESTED** that the developers investigate the possibility of including variable constraints based on current stock status **ACKNOWLEDGING** that current stock status in the MP process is not the same as the status estimated from traditional stock assessment models. An additional constraint option of 20% could be investigated for stocks above MSY. The TCMP **NOTED** that this would need to be implemented differently for Model based MPs as opposed to Empirical MPs.
- The TCMP **NOTED** that delays in the MSE developments have resulted in projection time windows being too close to the current terminal year of the MP. The TCMP **REQUESTED** that the developers remove the reference years of 2030-2034 and replace them with relative placeholders (such as 11 – 15 years from model terminal year)
- The TCMP **NOTED** the high level of uncertainty in the catches used to condition the operating models. The TCMP further **NOTED** that this uncertainty is not consistent over time. The TCMP therefore **REQUESTED** that the WPM review this problem and potential solutions to reduce this problem in the OM conditioning.

- **ALB and BET:** The TCMP **AGREED** to leave several of the technical options, such as the Tuning Criteria for YFT and ALB as well as the frequency of quota setting as they currently are applied by the developers. Additional revisions to these options will be deferred to the WPM and SC, noting that these will again be reviewed by the TCMP in 2022.
- **YFT:** TCMP **AGREED** to defer discussions on the YFT MP due to the pending updated assessment due in 2021 which will provide the basis for the updated OMs for the species.
- **SKJ:** The TCMP **REQUESTED** that the developer consider the **same tuning criteria as proposed for other stocks (0.5, 0.6 and 0.7) for consistency**, **NOTING** that the reference points for this species are a mixture of depletion based and MSY based as defined in Res 16/02. **The initial tuning criteria should be depletion based, but additional tuning criteria, including MSY based criteria, should also be investigated** and discussed by the WPM and SC and presented to the TCMP in 2022.
- **SKJ:** The TCMP **AGREED** that the current methodology to generate the CPUE for the MP should be maintained with more comprehensive discussions on this process to occur at the WPM and SC.
- **SWO:** Current status quo...

1. The TCMP **RECOMMENDED** that the WPM and ad-hoc reference points working group continue to have discussions in order to propose the most suitable and [robust types of reference points to be used for stock status determination](#).
2. The TCMP **NOTED** [the implementation lag](#) inherent in the MSE processes. There is often a lag of two to three years between the latest data available and the year for which a TAC is being estimated. In addition, there is a lag between the time the scientific advice is formulated and a possible CMM is formulated and implemented. The TCMP **RECOMMENDED** that the Commission take note of this issue and provide feedback as to whether this is acceptable or to review different options to reduce this lag in data reporting for management advice.



LIST OF RECOMMENDATIONS



3. The TCMP **NOTED** that there have been delays in the MSE development and this will require a [revision to the existing MSE timetable](#). The TCMP **RECOMMENDED** that the Commission endorse a revision to this current timetable and allow a revised timetable to be developed by CPCs with assistance from the SC and WPM chairs along with the Secretariat and this could be presented to the SC in 2021.
4. The TCMP **RECOMMENDED** that the Commission continue to support [capacity building initiatives](#) through the TCMP to improve understanding and participation in the MSE process.



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Thank you so much for your kind attention!