

## OUTCOMES OF THE 3<sup>rd</sup> TECHNICAL COMMITTEE ON MANAGEMENT PROCEDURE

PREPARED BY: IOTC SECRETARIAT, 06 MAY 2021

### PURPOSE

To inform participants at the 4<sup>th</sup> Technical Committee on Management Procedure (TCMP04) of the outcomes of the 3<sup>rd</sup> Session of the Technical Committee on Management Procedure (TCMP03), held on 14<sup>th</sup> to 15<sup>th</sup> June 2019, relating to the work of the TCMP.

### BACKGROUND

The TCMP03 meeting reviewed progress and results of the Management Strategy Evaluation (MSE) work on major IOTC tuna species, discussed elements of the Management Procedures that require a decision by the Commission, and included the presentation of MSE results. The Technical Committee on Management Procedure was intended as a formal communication channel to facilitate the exchange of information and views between fishery scientists and managers. The Report of the 3<sup>rd</sup> TCMP provided the following recommendation:

- The TCMP **RECOMMENDED** that the TCMP should continue to function in order to progress on MSE matters and advise on these issues to the Commission.

### DISCUSSION

The TCMP also discussed the workplan and future direction of TCMP, the actions for next iteration of management procedure development, and agreed on the preliminary MSE tuning objective for ALB, BET, and YFT. The following extracts from the TCMP03 Report are provided here for the consideration:

- The TCMP **NOTED** the Operating Models (OM) based on the 2016 WPTmT stock assessment, with data until 2014, and that there is a plan for a new stock assessment for albacore in 2019. The results of the new assessment in 2019 might require, if the results are outside the bounds of the current OM, to recondition the OM and to repeat the simulation of the Management Procedures based on the new OM. The TCMP **REQUESTED** WPM and Scientific Committee to review the results of the 2019 Albacore assessment and discuss on the need, or not, of reconditioning the OM and repeat the simulations of the Management Procedures based on the new OM, depending on the stock assessment results.
- The TCMP **NOTED** that the desired Management Procedure (MP) would be one that recovers the stock and keeps it around the target. Most of the MPs tested to date tend to overshoot the target. This may be because the MPs are too simple or the data not sufficiently informative. Additional complexity could be added to the MP design but it is difficult to design a single MP that will achieve the desired MP behaviour with certainty. Another option would be to develop one MP for rebuilding and another one for the time that stock is recovered. The TCMP **AGREED** to develop an MP for the rebuilding period, which will be updated once recovery is achieved, but the TCMP also **REQUESTED** that performance statistics are shown for the two periods: tuning objective recovery period, and the 20 years projected period when tuning to the recovery target.
- The TCMP **REQUESTED** that the first rebuilding time period (5 years) is not used as a tuning objective and instead, 10 and 15 year recovery objectives are used for tuning (Y2 and Y3).
- The TCMP also **REQUESTED** results that demonstrate how long rebuilding will take if TAC change constraints are limited to 15% (and alternative options of TAC change constraints such as 10% and 20% with some flexibility on the values for the technical developing team).
- The TCMP **REQUESTED** the Scientific Committee to develop a revised workplan for Management Procedure development as the current plan is due to expire in 2020.
- The TCMP **RECOMMENDED** that the TCMP should continue to function in order to progress on MSE matters and advise on these issues to the Commission.



- The TCMP **REQUESTED** that Intersessional capacity building on MSE be conducted. Additionally attendance at the IOTC Working Party on Methods by national scientists will facilitate the increased understanding of the MSE processes by all CPCs.
- The TCMP **ENCOURAGED** that the deadline for the submission of documents for the TCMP be extended to one month to allow participants to fully consider the information prior to the onset of the meeting. The TCMP also **REQUESTED** that the questions that require decisions for the progress of the MPs for each species, be distributed prior to the meeting.
- The TCMP **REQUESTED** that a “shiny app” such as that demonstrated during the meeting be developed specifically for the IOTC.

#### RECOMMENDATION/S

That the TCMP:

- 1) **NOTE** paper IOTC–2021–TCMP04–03 which outlined the outcomes of the 3<sup>rd</sup> Technical Committee on Management Procedure, and **AGREE** to consider how best to provide the commission with the information it needs, in order to satisfy the Commission’s requests, throughout the course of the current TCMP meeting.