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## ***Proposed Agenda for a Joint Tuna RFMO MSE WG.***

*At the Third Joint Tuna RFMOs meeting it was recognised that Management Strategy Evaluation (MSE) needs to be widely implemented in the tRFMOs in order to implement a Precautionary Approach for tuna fisheries management. It was therefore recommended that a Joint MSE Technical Working Group be created to work electronically, in the first instance.*

*The Group is chaired by the ICCAT Secretariat*

Various activities have been conducted, e.g. a review of the Kobe Framework in relationship to MSE. To move to the next stage is proposed to hold a physical meeting in the 1<sup>st</sup> quarter 2016. Pending approval at the ICCAT commission meeting, as ICCAT is the chair of the Kobe process. This document suggests a draft agenda for that meeting and a proposed work plan to prepare for the meeting.

### ***MSE***

Tasks when conducting an MSE are

- ⑩ Identification of management objectives and mapping these into statistical indicators of performance or utility functions;
- ⑩ Selection of hypotheses for considering in the OM that represents the simulated versions of reality;
- ⑩ Conditioning of the OM based on data and knowledge, and weighting of model hypotheses depending on their plausibility;
- ⑩ Identifying candidate management strategies and coding these as MPs;
- ⑩ Projecting the OM forward in time using the MPs as a feedback control in order to simulate the long-term impact of management and
- ⑩ Identifying the MP that robustly meet management objectives.

### ***Themes***

These tasks map to four themes

- ⑩ Development of a dialogue between managers and scientists.
- ⑩ Computational aspects, i.e. development and sharing of code, cloud computing and parallel processing.
- ⑩ Conditioning of operating models, in particular how to develop OM hypotheses and weight them.
- ⑩ Dissemination, i.e. glossary of terms, bibliography, dissemination, publications,...

The intention is to appoint a rapporteur for each theme in advance of the meeting, who will perform a review, devise a workplan, present this at the meeting and then lead intersessional work.

To help develop practical examples it is intended to focus on albacore stocks worldwide.